




Discover

the Physician Within You



Change

the World Around You

-  2011 - 2012 Course Catalog
-  Tempe, Arizona
-  www.scnm.edu



Southwest College of Naturopathic Medicine & Health Sciences

2140 E. Broadway Road, Tempe, AZ 85282

Phone: 480-858-9100 • Fax: 480-222-9823

Southwest College of Naturopathic Medicine Medical Center

2164 E. Broadway Road, Tempe, AZ 85282

Phone: 480-970-0000 • Fax: 480-970-0003

Editor

Pauline Caporaletti

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SCNM is a tax-exempt, not-for-profit corporation accredited by the Council on Naturopathic Medical Education (CNME) and by the Higher Learning Commission of the North Central Association of Colleges and Schools, (HLC) and approved to offer degrees by the State of Arizona Naturopathic Physicians Medical Board and the Arizona State Board of Private Postsecondary Education.

SCNM does not discriminate on the basis of race, disability, sex, religion, age, national or ethnic origin, sexual orientation, or marital status in the administration of educational policies, admission policies, financial aid, employment, or any other program or activity.



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PRESIDENT'S MESSAGE

PRESIDENT'S WELCOME FROM SOUTHWEST COLLEGE OF NATUROPATHIC MEDICINE

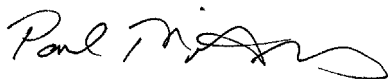
I love the phrase, "Discover the physician within you; change the world around you." Its ten words simultaneously capture the aspirations of naturopathic medical students and the commitment of Southwest College to help them realize these dreams.

In the course of their studies, students embark on a journey of discovery, one that challenges their ability to learn, to withstand pressure and stress, and to connect ideas and facts, and to help patients solve problems. The SCNM experience is a four-year odyssey whose academic rigor requires equal measures of self-discipline, persistence, care and compassion. Most of our graduates have found it to be the most difficult achievement of their lives, and the most rewarding. Southwest College's learning environment has never been more demanding yet equally inspiring. Over the past three years our faculty and staff dramatically revised naturopathic medical education at SCNM. The new curriculum engages students intellectually, clinically and emotionally in the art and science of health, medicine, and healing. The campus expansion and new Medical Center created a setting for students to provide patients a remarkable blend of time-honored, evidence-based, and advanced naturopathic treatments. At the same time, our outstanding faculty and staff, online course materials, support services and digital resources create a supportive system in which students can thrive.

The SCNM student body plays an equally significant role in this discovery/change process. Students build upon a culture that helps each other succeed via team-based learning, peer tutoring, and mentoring. Classmates create formal and informal study groups, working on campus, at favorite coffee shops, and at each other's homes. Student organizations like Naturopaths Without Borders organize medical missions to Mexico, while the Imhotep Circle and the Student Government Association serve people in need here in the Valley.

If you want to discover the physician within you and change the world around you, I urge you to explore our curriculum online. Better yet, come for a visit as a guest in our classes and clinic rotations and experience Southwest College in person.

Peace,



Paul Mittman, ND, EdD
President/CEO, SCNM

PHILOSOPHY AND PRINCIPLES

PHILOSOPHY

Naturopathic medicine concentrates on whole-person wellness; the medicine is tailored to the patient and emphasizes prevention and self-care. Naturopathic medicine attempts to find the underlying cause of the patient's condition rather than focusing solely on symptomatic treatment. Naturopathic doctors cooperate with all other branches of medical science, referring patients to other practitioners for diagnosis or treatment when appropriate.

Naturopathic doctors (NDs) are primary care physicians clinically trained in natural therapeutics with a philosophy derived in part from a Hippocratic teaching more than 2,000 years old: *Vis medicatrix naturae* – nature is the healer of all diseases. Their practice is based on the same basic bio-medical science foundation as that of allopathic practice. However, their philosophies and approaches differ considerably from their conventional counterparts.

Naturopathic doctors diagnose disease and treat patients by using natural modalities such as physical manipulation, clinical nutrition, herbal medicine, homeopathy, counseling, acupuncture, and hydrotherapy, among others. They choose treatments based on the individual patient, not based on the generality of symptoms. This approach has proven successful in treating both chronic and acute conditions.

The precepts that guide the practice of naturopathic medicine include the Seven Principles of Naturopathic Medicine, The Therapeutic Order, and The Components of Patient Centered Care.

NATUROPATHIC PRINCIPLES

These seven principles guide the therapeutic methods and modalities of naturopathic medicine.

First Do No Harm – *primum non nocere*

Naturopathic medicine uses therapies that are safe and effective.

The Healing Power of Nature – *vis medicatrix naturae*

The human body possesses the inherent ability to restore health. The physician's role is to facilitate this process with the aid of natural, nontoxic therapies.

Discover and Treat the Cause, Not Just the Effect – *tolle causam*

Physicians seek and treat the underlying cause of a disease. Symptoms are viewed as expressions of the body's natural attempt to heal. The origin of disease is removed or treated so the patient can recover.

Treat the Whole Person – *tolle totum*

The multiple factors in health and disease are considered while treating the whole person. Physicians provide flexible treatment programs to meet individual health care needs.

The Physician is a Teacher – *docere*

The physician's major role is to educate, empower, and motivate patients to take responsibility for their own health. Creating a healthy, cooperative relationship with the patient has a strong therapeutic value.

Prevention is the best "cure" – *praevenire*

Naturopathic physicians are preventive medicine specialists. Physicians assess patient risk factors and heredity susceptibility and intervene appropriately to reduce risk and prevent illness. Prevention of disease is best accomplished through education and a lifestyle that supports health.

Wellness – *Salus*

Establish or re-establish health and well-being.

THERAPEUTIC ORDER

Re-establish the basis for health

Remove obstacles to cure by establishing a healthy regimen

Stimulate the healing power of nature

Use various systems of health such as botanicals, homeopathy, Chinese medicine, Ayurvedic medicine, nutrition, and mind-body medicine

Tonify weakened systems

Use modalities to strengthen the immune system, decrease toxicity, normalize inflammatory function, optimize metabolic function, balance regulatory systems, enhance regeneration, and harmonize life force

Correct structural integrity

Use therapeutic exercise, spinal manipulation, and massage, cranial-sacral to return to optimal structural condition

Prescribe specific natural substances for pathology

Use vitamins, minerals, and herbs to return to and promote health

Prescribe pharmacotherapy for pathology

Use pharmaceutical drugs to return to and promote health

Prescribe surgery, pharmacotherapy

Use aggressive therapies to attempt to maintain health

Taken from "A Hierarchy of Healing: The Therapeutic Order" Pamela Snider, ND; Jared Zeff, ND, Lac; and Stephen Myers, ND, BMed, PhD.



COMPONENTS OF PATIENT CENTERED CARE

- Exploring the disease and the patient's illness experience
- Understanding the whole person
- Finding common ground with the patient regarding management/treatment options
- Incorporating prevention and health promotion
- Enhancing the doctor-patient relationship
- Being realistic

Adapted from: Huang, WY. Fam Med 2002;34(9):644-5

VISION, MISSION, CORE VALUES AND GOALS

VISION

A world that embraces the healing power of nature

MISSION STATEMENT

SCNM is a school of medicine and health sciences grounded in naturopathic principles. Dedicated to the ideal that everyone deserves high quality health care, we engage students in rigorous innovative academic programs, discover and expand knowledge, and empower individuals and communities to achieve optimal health.

CORE VALUES

The SPIRIT of Southwest College enhances the following values:

- Service
- Professionalism
- Integrity
- Respect
- Innovation
- Teamwork

STRATEGIC GOALS

Learning

1. Deliver the highest quality, holistic naturopathic medical and health sciences learning experiences

Healthcare

1. Provide high quality, effective, patient-centered health care
2. Expand availability of naturopathic health care provided by SCNM

Public Awareness

1. Build SCNM's global brand in the areas of medical education, scientific research, and health care
2. Integrate naturopathic medicine into the local, state, and federal health care system

Campus Environment

1. Provide a social and physical environment that enriches the intellectual work and lives of faculty, students, staff, and patients
2. Build a diverse, vibrant community of scholars, students, and staff

Research

1. Establish and build the college's reputation as a research leader advancing the frontiers of medicine by turning scientific insights into treatments that improve patients' lives
2. Develop a sustainable infrastructure to support research

Financial Sustainability and Growth

1. Diversify and grow financial resources to enable the College to fulfill its mission
2. Maintain good stewardship of the College's resources

GENERAL COLLEGE INFORMATION AND RESOURCES

ACADEMIC CALENDAR

Fall Quarter 2011/2012

Sep 27-30	New Student Orientation
Sep 27	New Student Registration
Oct 3	Fall Classes Begin
Oct 3-14	Add/Drop Didactic Courses (See p. 36)
Nov 7-12	Midterms
Nov 24-25	Thanksgiving Recess – College/MC Closed
Nov 28-Dec 2	Winter Quarter Registration
Dec 16-22	Final Exams
Dec 18	Graduation Ceremony
Dec 22	End of Fall Quarter
Dec 23-Jan 1	Student Recess
Jan 2-7	Break Clerkships

Winter Quarter 2011/2012

Jan 3-6	New Student Orientation
Jan 3	New Student Registration
Jan 9	Winter Classes Begin
Jan 9-20	Add/Drop Didactic Courses (See p. 36)
Jan 16	Martin Luther King – College/MC Closed
Feb 7-10	NPLEX Examinations
Feb 13-18	Midterms
Mar 5-9	Spring Quarter Registration
Mar 26-31	Final Exams
Mar 31	End of Winter Quarter
Apr 1-15	Student Recess – Didactic
Apr 2-7	Break Wk1 Clerkships
Apr 9-14	Break Wk2 Clerkships

Spring Quarter 2011/2012

Apr 16	Spring Classes Begin
Apr 16-27	Add/Drop Didactic Courses (See p. 36)
May 21-25	Midterms
May 28	Memorial Day Recess
Jun 11-15	Summer Registration
Jul 2-7	Final Exams
Jul 4	Independence Day – College/MC Closed
Jul 7	End of Spring Quarter
Jul 7	Graduation Ceremony
Jul 8-22	Student Recess – Didactic
Jul 9-14	Break Wk1 Clerkships
Jul 16-21	Break Wk2 Clerkships

Summer Quarter 2011/2012

Jul 23	Summer Classes Begin
Jul 23 - Aug 3	Add/Drop Didactic Courses (See p. 36)
Aug 7-10	NPLEX Examinations
Aug 13-18	Midterms
Aug 27-31	Fall Quarter Registration
Sep 3	Labor Day Recess
Sep 10-14	Final Exams
Sep 15	End of Summer Quarter
Sep 16-30	Student Recess – Didactic

Sep 17-22	Break Wk1 Clerkships
Sep 24-29	Break Wk2 Clerkships

Fall Quarter 2012/2013

Sep 25-28	New Student Orientation
Sep 25	New Student Registration
Oct 1	Fall Classes Begin
Dec 16	Graduation Ceremony
Dec 22	End of Fall Quarter

NPLEX Examination Dates for 2012

Tuesday, February 7, 2012	Basic Science Exams
February 8-10, 2012	Clinical Science Exams
Tuesday, August 7, 2012	Basic Science Exams
August 8-10, 2012	Clinical Science Exams

OVERSIGHT

Academic Accreditation

The Arizona State Board of Private Postsecondary Education granted a license to SCNM as a degree-granting institution in April 1993. SCNM is also accredited by the Council on Naturopathic Medical Education (CNME), the accrediting agency for naturopathic colleges and programs in the United States and Canada. A copy of the CNME Handbook for Accreditation for Naturopathic Medical Colleges and Programs is available in the College Library. SCNM is also accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools (HLC).

For additional information, please contact:

Daniel Seitz, JD EdD, Executive Director,
Council on Naturopathic Medical Education
342 Main Street, PO Box 178, Great Barrington, MA 01230
Tel: (413) 528-8877 • Fax: (413) 528-8880 • www.cnme.org

Higher Learning Commission of the North Central Association of Colleges and Schools
30 N. LaSalle St., Suite 2400, Chicago, IL 60602
Tel: (312) 263-0456 • www.ncahlc.org

Licensure

At the time of this printing, 16 states, the District of Columbia, and the US territories of Puerto Rico, the US Virgin Islands and five Canadian provinces have licensing laws for naturopathic physicians. In these states naturopathic physicians are required to graduate from a four-year, approved naturopathic medical school and pass extensive postdoctoral board examinations in order to receive a license.

The North American Board of Naturopathic Medical Examiners (NABNE) administers and provides the Naturopathic Physician Licensing Examination (NPLEX) which is comprised of biomedical science and clinical science examinations that are used in North America to license graduates of approved naturopathic medical schools. Once licensed, naturopathic physicians must practice within a specific scope of practice defined by their state's law and fulfill state-mandated continuing medical education requirements annually. It is the responsibility of the student/graduate to determine the licensure laws or scope of practice in the state in which he/she intends to practice.

GENERAL COLLEGE INFORMATION AND RESOURCES

Naturopathic physicians practicing in the State of Arizona enjoy one of the broadest scopes of practice within the United States. The State of Arizona Naturopathic Physicians Medical Board (NPMB) regulates the practice of naturopathic medicine in the State of Arizona. This includes applications and fees for students planning to enter clinical training and those new graduates applying for licensure.

For more information about licensure in Arizona, contact:

State of Arizona Naturopathic Physicians Medical Board
1400 W. Washington, Suite 300
Phoenix, AZ 85007
Tel: (602) 542-8242 • Fax: (602) 542-3093 • www.npbomex.az.gov

For more information about licensure in the United States and its territories, contact:

American Association of Naturopathic Physicians (AANP)
3201 New Mexico Avenue, NW, Suite 350
Washington, DC 20016
Toll free: 1-866-538-2267 • www.naturopathic.org

Federation of Naturopathic Physicians Licensing Authorities
344 SW 7th St, Suite B
Newport, OR 97365-4915
Tel & Fax: (541) 265-6378 • www.fnpla.org

For more information about licensure in Canada, contact:

Canadian Association of Naturopathic Doctors
1255 Sheppard Ave.
East Toronto, ON, Canada M2K 1E2
Tel: (416) 496-8633 • Toll-free: 1-800-551-4381 • Fax: (416) 496-8634
www.cand.ca

For information about Licensing Examinations for the United States and Canada, contact:

Naturopathic Physicians Licensing Examination Board (NPLEX)
P.O. Box 69657
Portland, OR 97201
Tel: (503) 250-9141

North American Board of Naturopathic Examiners (NABNE)
8948 SW Barbur Boulevard #157
Portland, OR 97219
Tel: (503) 778-7990 • Fax: (503) 452-3943 • www.nabne.org

LOCATION

SCNM and the SCNM Medical Center are situated in Tempe, Arizona—a sophisticated city of culture and learning. Tempe is part of the Greater Phoenix Metro area. SCNM shares Tempe with Arizona State University, thereby providing our students with a rich college atmosphere and an abundance of affordable housing, research opportunities, and entertainment resources.

Prospective students are invited to visit the SCNM campus and the SCNM Medical Center to attend a class, visit a clinical clerkship, and make an appointment to speak with an admissions representative by calling (480) 858-9100 or by visiting the website at www.scnm.edu.

PHOENIX

Phoenix is ranked as the nation's fourteenth largest metropolitan area with 4 million residents; the Valley of the Sun has all the diversity of big-city life without as much of the big-city cost. Among these assets are flat terrain, simple transportation routes, and a new light-rail system. Not only is the transportation system evolving, but the housing communities provide comfortable, affordable homes for new and longtime residents.

Located at 1,117 feet above sea level in the heart of the spectacular Sonoran Desert, the Valley of the Sun sits in an enormous earthen bowl punctuated by the stunning rocky terrain of Camelback Mountain, Piestewa Peak, the Superstition Mountains, South Mountain, and the Estrella Mountains. A short drive leads to Sedona, Flagstaff, the Grand Canyon, Picacho Peak, the Mogollon Rim, or the beautiful White Mountains.

With 300 days of sunshine annually, the Phoenix metro area is a haven for outdoor enthusiasts. For hiking and biking, head out to one of the countless trails in and around town; equestrians will enjoy the many horse properties, bridle paths, and stables dotted across the landscape; and weekenders enjoy the many lakes that surround the Valley. The winter months offer skiing and snowboarding at Arizona's ski resorts: Snowbowl in Flagstaff, or Sunrise Ski Resort just outside of Show Low.

Entertainment venues, fine dining, and shopping settings are plentiful, along with countless golf courses. Along with the cosmopolitan treasures of the Herberger Theatre, Ballet Arizona, The Phoenix Symphony, and the world-renowned Heard Museum, the cities that make up Greater Phoenix are home to numerous professional sports teams. There are also multiple opportunities for motor sports at the Phoenix International Raceway, home to two major NASCAR races, and Firebird International Raceway.

COLLEGE COMMUNITY

The eight-acre campus in Tempe, which includes the SCNM Medical Center, conveys the excitement and enthusiasm that the staff, faculty, and students bring to naturopathic medical education. SCNM is poised to meet the demand for naturopathic physicians and is a highly respected source of information in the natural health care field. SCNM's faculty, staff, and administrators collaborate to deliver a bold, innovative and dynamic medical education for naturopathic medical students. Those who spend time on campus know that SCNM's sense of community makes these goals a reality.

The academic buildings are well-equipped to serve the needs of the community. SCNM classrooms, SCNM Medical Center, and Student Success Center are equipped with multimedia LCD, video, and wireless internet access. Online course notes and information are also available to students as an additional resource through the MySCNM web portal (<http://my.scnm.edu>). In addition, computers and software are available for student use in the College Library and at the SCNM Medical Center.

The large John F. Long auditorium, named after a local philanthropist and donor to SCNM, provides space to hold all-school meetings and local or national professional conferences. It can also be divided into two classrooms to accommodate daily classes.

The beauty of the Medicinal Gardens creates an atmosphere for community learning, campus events, and medical conferences. The Gardens also provide botanicals for classroom instruction and lab experiences.

Founded principally by naturopathic physicians Michael and Kyle Cronin, SCNM is one of only five recognized schools of naturopathic medicine in the United States. It is also the first medical school in the Phoenix metropolitan area.

GENERAL COLLEGE INFORMATION AND RESOURCES

SCNM MEDICAL CENTER

The SCNM Medical Center, opened in 2010, is fragrance-free with natural and recycled building materials, full-spectrum lighting, and non-toxic paint. It is designed to support and enhance patient care and student learning through indoor healing spaces and large windows overlooking beautiful, desert landscaping. Devoted to eliminating environmental factors that may negatively affect patients' health, SCNM is seeking LEED certification.

The SCNM Medical Center creates a clinical environment unique in any naturopathic clinical setting. Hydrotherapy, a core modality in naturopathic medicine and an important component of the European water spas, comprises nearly 30% of the Center with a custom-designed steam area, two saunas, (far infrared/radiant), a hydrotherapy/color therapy suite, and two colon hydrotherapy suites. There are also two minor surgery suites with high definition video equipment for recording or transmitting certain procedures for learning purposes (with patient permission). Intravenous therapies, which play a prominent role in environmental medicine, are provided in the IV Suite which overlooks desert gardens.

In addition to serving patients' health needs, the SCNM Medical Center is the primary site for students' clinical training with six classrooms and 27 exam rooms. Corporate sponsors donated large LCD monitors which enhance access to online resources, electronic medical records (EMR), and closed circuit observation of exam rooms. This technology allows students to gain immediate feedback from their attending physician. In addition, state-of-the-art medical equipment in each exam room was donated by Welch-Allyn. Student learning is supported through the Clinical Resource Center which is an extension of the College Library. This Center includes computers with internet access to medical journals; MDConsult/1stConsult, homeopathic, botanical, and other medical software and a clinical reference collection.

The Laboratory maintains a CLIA moderate complexity and accreditation by COLA. Students are required to participate in lab posts in which they gain a finer understanding of laboratory diagnostic tests, OSHA standards and have the opportunity to prepare samples and run tests. While much laboratory testing is done on site, the SCNM Medical Center also contracts work with Laboratory Corporation of America and Sonora Quest Laboratories for standard diagnostic tests as well as specialized diagnostic tests.

The Medicinary, located at the SCNM Medical Center, is Arizona's largest natural medicinary with the largest inventory of homeopathic medicines and botanical tinctures in Arizona. Students are required to participate in a medicinary post in which they mix herbal tinctures, learn inventory management, and provide customer service. The Medicinary serves the patients of in-house physicians, providers across the Greater Phoenix area, and the general public.

Thanks to a generous contribution from American Medical Solutions (AMS), one of healthcare's premiere Electronic Medical Records (EMR) companies, SCNM became the first naturopathic medical school to implement EMR. The utilization of EMR increases medical research opportunities and enhances patient benefits through electronic record keeping and communication among the SCNM Medical Center physicians and other healthcare providers. Additionally, SCNM students become competent in an emerging technology that will soon be the healthcare standard.

As Arizona maintains one of the widest scopes of practice in the United States, the physicians practice general medicine and utilize a wide variety of therapeutics including diet and lifestyle modifications, nutritional supplementation, botanical medicine, homeopathy, counseling, mind-body medicine, oriental medicine, acupuncture, naturopathic manipulative therapies, physical medicine, hydrotherapy, minor surgery, prolotherapy, IV micronutrient therapy, and pharmacotherapy. The SCNM Medical Center offers opportunities for students to work with a diverse group of medical practitioners including naturopathic physicians, chiropractic physicians, an Oriental medical doctor, acupuncturists, neurofeedback/biofeedback specialists, massage therapists, and colon hydrotherapists.

SCNM is committed to providing students diverse clinical settings to deliver patient care. In addition to clinical clerkships at the SCNM Medical Center, SCNM physicians and students provide care to underserved patient populations at eight community clinics. These clinics are staffed by faculty members who oversee both the students' education and the patients' care. The community clinics provide students access to a broad range of patient populations and disease conditions not regularly seen at the SCNM Medical Center. The table below offers details on the extended site clerkships. Additional information can be found at the Registrar's Office or at www.scnm.edu.

Extended Sites Community Clinics

Arizona Pathways

Substance Abuse Rehabilitation
Ellen Gardner, Program Director
2307 W. Devonshire, Phoenix, AZ 85015
(602) 264-3045
www.arizonapathways.com

Hamilton Elementary School Clinic

Pediatrics and Adult Family Medicine
Geovani Orizco, Principal
2020 W. Durango, Phoenix, AZ 85009
(602) 353-5310, ext. 4
www.msdaaz.org/hamilton

Mission of Mercy

Family Practice (uninsured)
Catherine Amiot, Executive Director
Brad Smith, ND, Medical Director
(480) 833-8987
www.amissionofmercy.org/arizona

Two mobile clinic locations:
Christ the King Catholic Church Community Center
1616 E. Broadway Rd., Mesa, AZ

Shepherd of the Valley Lutheran Church
1500 W. Maryland Ave., Phoenix, AZ

The River Source

Substance Abuse Rehabilitation
Phillip Westbrook, Administrator
108 E. 2nd Ave., Mesa, AZ 85210
(480) 827-0835

Scottsdale Healthcare – Educare

15833 N 29th Street
Phoenix, AZ 85032

Sojourner Heritage and Hope Centers

Women and Children's Domestic Violence Shelter
Connie Phillips, Executive Director
Sally Mason, Chief Operating Officer
PO Box 20156, Phoenix, AZ 85036
www.sojournercenter.org

Southwest Center for HIV/AIDS

HIV/AIDS Treatment Center
Carol Poore, Executive Director
Jennifer Lewis, PhD, Medical Director
1144 E. McDowell Rd., Ste. 200, Phoenix, AZ 85006
(602) 307-5330
www.swhiv.org

GENERAL COLLEGE INFORMATION AND RESOURCES

World of Addiction & Health Institute (WAHI) Center

Substance Abuse Rehabilitation

David Arneson, ND, Executive Director

550 W. Indian School Road, Suite 122, Phoenix, AZ 85013

(602) 234-1158

thesourcenmc@msn.com

www.thesourcenmc.com

SCNM LIBRARY

The Library supports SCNM's curriculum by enhancing students' learning experiences with resources from the basic medical sciences to the natural health sciences. The collection features naturopathic modalities including acupuncture and oriental medicine, botanical medicine, environmental medicine, homeopathy, hydrotherapy, mind-body medicine, nutrition, and physical medicine.

Among the Library's resources are more than 5000 titles in the circulating collection, including 1,200 multi-media resources, and a growing e-book collection. The Reference Collection consists of more than 1000 titles. The campus community has access to 16 databases which are comprised of 20,000 full text articles and 75,000 abstracts. These include digital medical images and medical sound recordings. In addition, the Library has a rare medical book collection of over 100 titles, some dating back 150 years.

The Library is affiliated with professional organizations including Central Arizona Biomedical Libraries (CABL), Medical Library Group of Southern California and Arizona (MLGSCA), Association of College and Research Libraries (ACRL), Special Library Association (SLA), and the American Library Association (ALA). Through these affiliations, the Library may borrow or obtain copies of materials not available on-site.

The Librarian and staff provide personal and classroom instruction on utilizing the Library's resources to develop research and promote life-long learning. For students' convenience, the Library also provides a computer room, group and individual study spaces, and outdoor seating.

For Library hours and more information regarding our resources and policies, please visit us at www.scnm.edu/library.

SCNM offers a program leading to the Doctor of Naturopathic Medicine (ND) degree. SCNM attracts high-caliber students who exhibit motivation, intelligence, perseverance, and the potential to become excellent practitioners. Applicants are considered on the basis of academic performance, occupational history, professional potential, level of maturity, concern for others, and previous experience with natural medicine.

ADMISSIONS REQUIREMENTS

The following general requirements for admission must be completed by all applicants prior to matriculating in the 2011/2012 academic year:

1. Baccalaureate degree or equivalent.* Total postsecondary coursework must meet a minimum GPA of 2.5 and be completed at an accredited or candidate college or university. Accreditation must be recognized by the United States Department of Education.
*Contact Admissions Office for requirements.
2. Subject requirements/prerequisite coursework with a minimum cumulative GPA of 3.0 at an accredited or candidate college or university. No credit is given for prerequisite coursework earning lower than a C. Applicants with biology and chemistry prerequisite courses taken more than seven years ago must demonstrate competency to the Admissions Office. Cases will be evaluated on an individual basis. Additional coursework may be required.

Subject Requirements/Prerequisite Coursework

Area	Sem. Credit	Qtr. Credit	Notes
Biology	12	18	Courses with lab, for science majors
Chemistry	12	18	8 credits in general chemistry and 4 credits in organic chemistry courses with lab, for science majors
Physics	3	4.5	One course in physics, algebra based
Psychology	6	9	Developmental psychology is recommended. Courses that cover behavior or emotional characteristics may also be considered
English	6	9	One course in English composition required
Humanities	6	9	Acceptable coursework includes philosophy, art, history, foreign language, religion, women's studies

3. Three letters of recommendation and accompanying forms from an undergraduate or graduate academic reference, from a volunteer/work-experience reference, and a regulated health care professional. Letters and forms must be current (within one year) and mailed directly from the reference to SCNM.
4. Submission of application and application review. Following receipt of all required materials and credentials (see application for admission), the Admissions Office will contact those qualified applicants selected to interview with the Admissions Committee.

The Admissions Committee will review applications, interview candidates for admission, and make admission decisions.

Applicants should also have knowledge of computers and access to a reliable computer and software for use in completing coursework. For more information, contact the Admissions Office. The above list indicates minimum requirements, but it should not be inferred that admission is probable for any applicant who meets them.

CLEP EXAMINATIONS ACCEPTED

Applicants for admission may substitute the College Level Examination Program (CLEP) exam(s) for select academic prerequisites listed below. Information regarding CLEP can be obtained from CLEP at 609.771.7865 or www.clep.org. To report examination scores to SCNM, use score report code #7563. An official score from the College Board/CLEP must be mailed directly to SCNM.

CLEP Examination	Credit equivalent	Minimum score
(ENG) Fresh. College Composition	6 sem. or 9 qtr. credits	44
(PSY) Human Growth and Development	3 sem. or 9 qtr. credits	45
(PSY) Intro. to Educational Psychology	3 sem. or 9 qtr. credits	47
(PSY) Intro. to Psychology	3 sem. or 9 qtr. credits	47

APPLICATION FOR ADMISSION

Applications for admission may be requested from the SCNM Admissions Office, (480) 858-9100, or on our web site www.scnm.edu. Notice to Fall 2012 applicants: SCNM will participate in the ND Centralized Application Service (NDCAS) effective September 2011 for the Fall 2012 application cycle. Please contact the Admissions Office for more information.

Deadline for application

SCNM accepts applications on a rolling basis until all spaces are filled. Application deadlines are as follows. Candidates who have selected SCNM as their first choice are encouraged to apply on or before the early decision date.

Winter Start

Early Decision: March 1
Priority Deadline: July 1

Fall Start

Early Decision: November 1
Priority Deadline: February 1

Prospective students who wish to enter the ND program must complete the application materials and meet all application requirements outlined here:

1. Application form
2. Non-refundable application Fee (*See Tuition and Fee Schedule, p. 14*)
3. Three letters of recommendation with required forms mailed directly to the College:
 - One academic reference
 - One regulated health care professional reference
 - One additional reference from either of the above categories or from an employer/volunteer supervisor

ADMISSIONS

4. Essays
5. Curriculum Vitae/Resume
6. Proof of coursework through official transcripts from all post-secondary institutions attended
7. In-person interview (Qualified applicants selected for interview will be contacted by the Admissions Office)
8. International applicants must also satisfy these additional application requirements:
 - International transcript evaluation for all work completed in a foreign country
 - A complete financial guarantee form with proof of sufficient financial resources to cover anticipated costs of study
 - Copy of current passport
 - SCNM requires international applicants whose first language is not English to take the Test of English as a Foreign Language (TOEFL) exam. (See information under International Applicants, p.12).
9. Criminal Background Check
SCNM requires applicants who are selected for admission to undergo a criminal background check. Beginning with the Winter 2012 class, SCNM has contracted with Certiphi Screening Inc. to facilitate the criminal background check. The applicant's offer of admission will not be considered final, and the applicant will not be permitted to enroll until completion of a background check, with results deemed acceptable by SCNM.

TECHNICAL STANDARDS FOR ADMISSION

Each applicant will be asked to certify that he or she is able to meet the technical standards of the school. SCNM is committed to providing equal opportunity for all applicants. The mission of SCNM is to graduate skilled and effective naturopathic physicians. Applicants are selected for admission to SCNM based not only on their scholastic achievement and ability, but also on their intellectual, physical, and emotional capacities to meet the requirements of SCNM's curriculum, occupational experience, and the promise of a successful career in naturopathic medicine. The CNME, which accredits the naturopathic medical program, requires that the curriculum be in line with their accreditation standards, enabling each student to get the highest quality education. The basic sciences curriculum includes anatomy, biochemistry, histology, pathology, pharmacology, and physiology and is designed to establish a core of knowledge necessary for clinical training. The clinical curriculum begins early in year three and continues throughout year four, including diverse experiences in primary care, family medicine, internal medicine, obstetrics and gynecology, pediatrics, psychology, minor surgery, diagnostic imaging, pathology, emergency medicine, geriatrics, and rehabilitation medicine in ambulatory and in-patient settings. Each student is required by the faculty to pass each required course and clinical clerkship to graduate.

The following technical standards specify those attributes the faculty considers necessary for completing medical school training, enabling each graduate to subsequently enter clinical practice or residency. These standards describe the essential functions students must demonstrate in order to fulfill the requirements of the medical education, and thus are required for entrance, continuation, promotion, retention, and graduation from medical school.

SCNM will consider for admission any applicant who meets its academic criteria and who demonstrates the ability to perform or learn to perform the skills listed in this catalog, with or without reasonable accommodations consistent with the Americans with Disabilities Act. All applicants will be evaluated on their ability to meet these technical requirements prior to admission. Any applicant with

questions about these technical requirements is strongly encouraged to discuss the issue with the Dean of Students prior to the interview process. Certain chronic or recurrent illnesses that interfere with patient care or safety are not compatible with medical practice or training. Other conditions that may lead to a high likelihood of debilitating student illness should be carefully considered. Deficiencies in knowledge base, judgment, integrity, character, professional attitude, or demeanor that may jeopardize patient care may be grounds for course/clerkship failure and possible dismissal. A student must possess aptitude, abilities, and skills in five areas:

Observation

Students must be able to observe demonstrations, conduct experiments, and tolerate normal odors associated with the basic sciences, including, but not limited to: anatomic dissection of preserved tissues and cadavers, microbiologic cultures, microscopic studies of microorganisms, and animal and human tissues in normal and pathologic states. A student must be able to observe patients accurately at a reasonable distance and close at hand, noting non-verbal as well as verbal signals. Specific observational requirements include but are not limited to the following abilities: detecting and identifying significant changes in colors of fluids, skin, culture media, and dipstick tests; perceiving with acuity and accurately discriminating findings on x-rays and other imaging tests; efficiently reading written and illustrated material; observing intracellular details through a microscope; observing demonstrations in the classroom, including projected slides, films, videos, and overheads; observing and differentiating changes in body movement; observing anatomic structures; discriminating numbers and patterns associated with diagnostic instruments and tests, such as sphygmomanometers and electrocardiograms; and competently using instruments such as the otoscope, ophthalmoscope, microscope, and stethoscope.

Communication

Students must be able to actively listen and relate effectively and sensitively to patients of all genders, ages, races, lifestyles, sexual orientations, and cultural backgrounds and be able to convey a sense of compassion and empathy. A student must be able to observe and clearly communicate with patients in order to elicit information; accurately describe changes in mood, activity, and posture; and be able to perceive verbal as well as nonverbal communications. Communication includes speech as well as reading and writing. Medical education presents exceptional challenges in the volume and breadth of required reading and the necessity to impart information to others. Students must be able to communicate quickly and effectively in oral and written English with all members of the health care team. Specific requirements include but are not limited to the following abilities: communicating rapidly and clearly with the medical team on rounds, eliciting a thorough history from patients, and communicating complex findings in appropriate terms to patients and to various members of the health care team. Students must learn to recognize and promptly respond to emotions such as sadness, worry, and agitation, as well as lack of comprehension of physician communication. Each student must be able to read and accurately record observations and plans legibly, efficiently, and accurately in documents such as the patient record.

Students must be able to prepare and communicate concise and complete summaries of individual encounters. Students must be able to complete forms manually and on the computer keyboard, according to directions, in a complete and timely fashion.

Sensory and Motor Function

Students must be able to perform a complete physical exam of patients with acuity, accuracy, facility, and human compassion on patients of all genders utilizing palpation, auscultation, percussion, and other diagnostic maneuvers. In general, this requires sufficient ability to observe with acuity and process visual, auditory, exteroceptive (smell, touch, pain, and temperature), and proprioceptive (position, pressure, movement, stereognosis, and vibratory) phenomena accurately, as well as the ability to manipulate patients, medical

instruments, and equipment with precision at a fine level of movement. Methods of surgical instruction include practice on living or preserved animal tissues. A student must be able to provide general care and emergency treatment to patients in a timely manner. Examples of such emergency treatment reasonably required of physicians include responding quickly when called, initiating cardiopulmonary resuscitation, administering intravenous medication, applying pressure to stop bleeding, opening obstructed airways, suturing wounds, and performing basic gynecological maneuvers. Cardiopulmonary resuscitation may require moving an adult patient, repeatedly applying considerable chest pressure, delivering an adequate volume of artificial respiration, and calling for help. A student must be able to learn to perform basic laboratory tests, e.g., urinalysis, complete blood count, and diagnostic and therapeutic procedures, e.g., phlebotomy, arterial blood gas drawings, lumbar puncture, and arthrocentesis. Students must be able to measure angles and diameters of various body structures using tape measure and goniometer, measure blood pressure and pulse, and interpret graphs describing biologic relationships.

Intellectual, Conceptual, Integrative and Quantitative Abilities

These abilities include measurement, calculation, reasoning, analysis, judgment, and synthesis. The student must also be able to recognize letters and numbers quickly and accurately. Clinical reasoning and problem solving, critical skills demanded of physicians, require all of these intellectual abilities and must be performed quickly, especially in emergency situations. Moreover, the effective physician often must deal with several tasks or problems simultaneously (“multitasking”). Students must be able to identify significant findings from history, physical examination, and laboratory data; provide a reasoned explanation for likely diagnoses; construct a reasoned and cost-effective diagnostic plan; and prescribe medications and therapy, recalling and retaining information in an efficient and timely manner. Students must be able to identify and communicate the limits of their knowledge to others when appropriate. The ability to incorporate new information from peers, teachers, and medical literature in formulating diagnoses and plans is essential. Good judgment in patient assessment, diagnostic, and therapeutic planning is essential.

Behavioral, Ethical and Social Attributes

Empathy, integrity, honesty, concern for others, good interpersonal skills, interest, and motivation are all required personal qualities. Students must be able to fully utilize their intellectual abilities, exercise good judgment, and promptly complete all responsibilities attendant to the diagnosis and care of patients in all clinical and academic settings. They must be able to develop mature, sensitive, professional, and effective relationships with patients of all genders, ages, races, lifestyles, sexual orientations, and cultural backgrounds, as well as with their families, with other health care providers, and with all members of the learning and working community. At times this requires the ability to be aware of and appropriately react to one’s own immediate emotional responses. For example, students must maintain a professional demeanor and be able to function at a high level in the face of personal fatigue, dissatisfied patients and their families, and tired colleagues. Students must be able to develop professional relationships with patients and their families, providing comfort and reassurance when appropriate while protecting patient confidentiality. Students must be able to maintain professional conduct when interacting with patients and the families of patients suffering from catastrophic illness, trauma, and death. Students must possess adequate endurance to tolerate physically taxing workloads and to function effectively under stress. At times, all students are required to work for extended periods, occasionally with rotating shifts. Students must be able to adapt to changing environments, to display flexibility, and learn to function in the face of the uncertainties inherent in the clinical problems of many patients. Students are expected to accept appropriate suggestions and criticism and, if necessary, respond by modifying their behavior.

APPLICANT/STUDENT WITH DISABILITIES

SCNM welcomes applications from students from all backgrounds and does not discriminate on the basis of disability, race, sex, and ethnic background, place of origin, age, religion, spiritual belief, sexual orientation, or political affiliations. SCNM is committed to complying with all applicable provisions of the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. It is College policy not to discriminate against any qualified student or applicant with regard to any terms or conditions because of such individual’s disability or perceived disability, so long as the student can perform the essential functions of the program (see Technical Standards p. 10). Consistent with this policy, the College will provide reasonable accommodations to a qualified individual with a disability, as defined by the ADA, who has made SCNM aware of his or her disability, provided that such accommodation does not constitute an undue hardship to SCNM.

Persons with disabilities who meet the technical standards, possess the required abilities, and meet all academic qualifications for admission are encouraged to apply for admission. A request for special accommodations must be submitted to the Dean of Students prior to matriculation.

Matriculated students with disabilities who believe they need a reasonable accommodation to perform the essential functions of a student must contact the Dean of Students to make appropriate arrangements prior to the beginning of each quarter. Students will be required to provide substantive evidence of a disability as defined by the ADA and complete the special accommodation form.

If a student, after following SCNM procedures, believes SCNM is not fulfilling its responsibilities under the ADA or other acts, may contact the Dean of Students for further advice and assistance. If the matter remains unresolved, the student may file a complaint with the Director of Human Resources (compliance officer for the ADA and Rehabilitation Act).

ADMISSION

It is the responsibility of the Admissions Committee to select applicants who are best qualified to complete the required training and most likely to become the best possible physicians. Applicants are selected for admission to SCNM based not only on their scholastic achievements and ability, but also on their experience and their intellectual, physical, and emotional capabilities to meet the requirements of the SCNM curriculum and have a successful career in naturopathic medicine. The Admissions Committee recognizes that academic competency is essential for success in medical school. Intellectual curiosity and undergraduate grades help to demonstrate academic competency. The Admissions Committee exercises its judgment on behalf of SCNM. The Committee considers academic ability as well as character, extracurricular achievement, commitment to service, and overall suitability for the medical profession based on information in the student’s application, letters of recommendation, and personal interviews.

The Admissions Committee makes the final decision regarding an applicant’s admission. The decision may be one of the following:

- Admission – all admission requirements are met.
- Admission with provisions – must meet admission requirements prior to matriculation.
- Placement in the pool – admission decision to be further reviewed.
- Admission denied.

The Admissions Committee will notify the applicant in writing of the decision. Applicants may also view their application status and decision on MySCNM. Accepted applicants must remit a non-refundable deposit (*see Tuition and Fees*

ADMISSIONS

Schedule, p. 14) and signed enrollment agreement by the date stipulated in the acceptance letter to hold a place in the class. The deposit is credited toward the first quarter's tuition. All application files are the property of SCNM and cannot be returned. SCNM reserves the right to admit or reject applicants at its sole discretion, at any point during the admission process. SCNM does not discuss committee decisions regarding an applicant's file. The decisions of the Admissions Committee are final and are not subject to appeal.

ADMISSION BEFORE RECEIPT OF FINAL TRANSCRIPT

Students enrolled in other colleges/universities are considered for admission on the basis of meeting all admission requirements prior to matriculating, except for a final transcript of work in progress. This final official transcript must be sent to the Admissions Office upon completion of the work in progress. Only under these conditions will the student be allowed to register for and attend classes. Official documentation of completion of prerequisites must be received by the first day of registration for the second quarter, or the student may not be permitted to register. In the event that the applicant does not qualify, the College reserves the right to cancel admission and registration.

DEFERRAL OF ADMISSION

Applicants who have been offered either full or provisional admission may, in extreme circumstances, apply for a deferral of their entrance, not to exceed four quarters. Applications for deferrals are accepted on a space-available basis. An application for deferral will not be processed until the admission deposit is received. Students deferring admission must do so by the end of the first week of class in the quarter for which they were accepted. Students applying for a deferral of admission must meet any and all new admission requirements for that entrance year. Applicants who need additional time beyond one year must reapply with a full application. A student who desires a deferral must make a request in writing to the Admissions Office. A nonrefundable deferral application fee (see *Tuition and Fees p. 14*) is required to transfer a deposit to a new entering class.

REAPPLICATION PROCESS

Applicants who have submitted a full application for admission to SCNM within the past year are eligible to submit a reapplication. This includes applicants who were denied admission to SCNM or who wish to renew their deferred application. The applicant must meet the following application requirements:

1. Completed re-application form
2. Non-refundable re-application fee
3. Academic letter of recommendation
4. Essays
5. Personal essay
6. Official transcripts for any additional coursework
7. Admission prerequisite requirements fulfilled
8. In-person interview (Qualified applicants selected for interview will be contacted by the Admissions Office.)

In the essay, the applicant must provide a description of work and professional experiences, academic courses taken, etc., that have been part of the life experience since the original application to SCNM, along with reasons why the applicant should be reconsidered for admission.

INTERNATIONAL APPLICANTS

International students must submit an application, pay the appropriate fees, and meet all admission requirements. International students may substitute additional CLEP examinations for prerequisite requirements. Transcripts from international institutions must be translated and evaluated by an international transcript evaluation service. Fees for this service are the responsibility of the applicant. The applicant must request a subject analysis transcript evaluation. The report must be mailed directly to the SCNM Admissions Office and received before an evaluation of the applicant's file can begin. Additional coursework materials, such as catalogs, course descriptions, and syllabi, if requested, must be translated into English by a professional service.

Test of English as a Foreign Language (TOEFL)

SCNM requires international applicants whose native language is not English to take the Test of English as a Foreign Language (TOEFL). A score of 550 on the paper-based test (PBT), 213 on the computer test, or 79 on the internet-based test (IBT) is required, with a score of at least 50 on the Test of Spoken English. Information on TOEFL and the TSE is available from the Admissions Office. Test results must be received prior to issuance of full admission.

Department of Justice International Student Issuance Requirements (I-20)

International applicants must submit a financial guarantee form and provide proof of sufficient financial resources to the Admissions Office to cover anticipated costs of study. The Dean of Students Office will issue a Department of Homeland Security (INS) I-20 form to be used by the applicant to obtain a student visa only after full acceptance to SCNM and confirmed receipt of the admissions deposit. This request must be received no less than 60 days prior to planned matriculation.

Anticipated costs of study include travel, tuition, school fees, books, other study expenses, and all living expenses for the student (and dependents, if applicable) for the first year of study. All payments to SCNM must be made in US dollars. International students must maintain full-time student status. Prospective or current students with questions should contact the Dean of Students Office.

TRANSFER APPLICANTS

Applicants who wish to transfer from another accredited (or candidate) professional-level medical degree program must meet all admission requirements, including payment of fees. Letters of recommendation from the Academic Dean of the school or program from which the applicant is transferring indicating the student is leaving in good academic standing are required. Transfer students are also required to submit a completed Verification of Student Conduct form signed by the Dean of Students or the Registrar of the previously attended institution verifying that the student was not subject to any disciplinary actions. Transfer applicants studying in the US on a visa must work with the institution they are transferring from to transfer their student visa to SCNM.

TRANSFER CREDIT POLICY

The possibility of transfer credit will be determined during the admissions process for transfer and advanced standing students. Only graduate-level coursework (masters or doctorate) is considered for transfer credit. Courses considered for transfer credit must have been completed at institutions with candidacy status or accredited by those bodies recognized by the profession or region as accrediting agencies. Only transfer coursework completed prior to matriculation at SCNM may be applied toward transfer credit, with the exception of approved coursework taken while dual enrolled at Phoenix Institute

of Herbal Medicine and Acupuncture (PIHMA) (*see Students Attending PIHMA*). The transfer credit is determined on an individual basis depending on academic standing, the type of program, degree, and courses completed. Clinical training credit cannot be transferred or challenged, with the exception of credits completed at another accredited naturopathic institution and less than 5 years' lapse in their completion. Coursework completed more than ten years prior to matriculation requires a challenge examination (*see Challenge Examinations, p. 37*), with appropriate fees.

Credits transferred in from an approved institution will count toward the maximum completion time as outlined in SCNM's Satisfactory Academic Progress Policy. In all cases, the equivalent of a minimum of two calendar years of full-time enrollment is required to receive a degree from SCNM. The Registrar's Office, in conjunction with the department chairs and the academic deans, makes determinations of acceptable transfer credits.

There is a fee per evaluation for advanced standing and to determine the transfer of 20 credits or more. To determine the transfer of 19 credits or less, there is a per-course fee (*see Tuition and Fee Schedule, p. 14*). This fee is waived for transfer applicants from other naturopathic institutions. Transfer credits are counted toward the total hours required for graduation but are not counted toward the GPA. Petitions for transfer credit are available in the Welcome & Enrollment Center or Registrar's Office.

PROFESSIONAL DEGREE ADVANCED STANDING

Students entering the Doctor of Naturopathic Medicine Program who have graduated from a domestic or foreign accredited professional school or program (i.e., MD, DO, DC, DDS, etc.) may apply for advanced standing status with the Registrar's Office. All applicants must submit a completed advanced standing evaluation form a minimum of three months prior to matriculation. There is a non-refundable advanced standing/transcript evaluation fee (good for one academic year) (*see Tuition and Fee Schedule, p. 14*) that must be submitted to the Admissions Office with the completed application for admission. (*See Transfer Credit Policy, p. 12.*) Determination of advanced standing status prior to acceptance does not guarantee admission. If an applicant did not accept admission to SCNM and reapplied to enroll at a later date, the student is subject to all fees upon second application

Advanced-standing status is determined on a case-by-case basis, depending on academic standing, and the type of program, degree, and courses completed. Advanced standing students are required to fulfill the same number of credits required in the catalog. Advanced standing students must complete the Doctor of Naturopathic Medicine Program in the time determined upon the transfer evaluation and in accordance with the number of credits transferred (*see Completion Time Policy, p. 40*). Advanced standing students must meet quarterly with the Academic Advising Specialist during pre-registration and will not be allowed to have concurrent enrollment or register for courses for which they do not have the required prerequisites or co-requisites without prior approval.

STUDENTS ATTENDING PHOENIX INSTITUTE OF HERBAL MEDICINE AND ACUPUNCTURE (PIHMA)

Students enrolled in approved coursework at the Phoenix Institute of Herbal Medicine and Acupuncture (PIHMA) must sign an acknowledgement form in order to drop the equivalent courses from the SCNM track program. After coursework is completed at PIHMA, an official transcript must be received from PIHMA in order for those courses to be transferred. It is the student's responsibility to inform the Registrar's Office if the student withdraws from courses at PIHMA in order to make necessary changes in the student's schedule. Failure to successfully complete PIHMA courses as scheduled may delay clinical

entry and/or graduation. Graduation from SCNM is contingent upon completing all equivalent courses at PIHMA with a grade of C or better.

INTERNATIONAL ADVANCED STANDING AND TRANSFER

Coursework taken at an international institution must meet standards approved by the National Council on the Evaluation of Foreign Education Credentials and Transcripts. Course descriptions and syllabi must be translated and evaluated by an international transcript evaluation service. The applicant must request a subject analysis transcript evaluation which includes grades, credits, and equivalences. Fees for this service are the responsibility of the applicant. Report results must be mailed directly to the Admissions Office and must be received before an evaluation of the applicant's file can begin (*see Transfer Credit Policy, p. 12*). It is recommended that foreign medical doctors take the United States Medical Licensing Examination (USMLE).

TUITION AND FEE SCHEDULE

FINANCIAL POLICIES

Tuition and Fee Schedule

The following tuition and fees apply to the 2011-2012 academic year. SCNM reserves the right to change tuition and fees at any time. A new tuition and fees schedule will be published when there are changes.

Application and Admission Fees (Non-refundable)

New Student Application	\$65
International Student Application	\$90
Transfer Student Application	\$65
Re-application	\$65
Non-degree Application	\$65
Admission Deposit	\$300
Deferral	\$100

Tuition

Per Credit	\$268
Elective tuition per credit	\$268

Course-Specific Fees

BOTM 6010	\$7
BOTM 6020L	\$30
PSYC – Foundations of Neurofeedback (Selective)	\$50

Quarterly Fees

Clinical lab	\$20
Student government	\$21.25

Student Material and Equipment Purchases (Non-refundable)

In addition to the above tuition and fees, students are required to purchase books, materials, supplies and equipment to supplement their course instruction and clinical training, all of which become the student's property. SCNM contracts with medical equipment manufacturer Welch Allyn (WA) to provide high quality medical equipment and with Turning Technologies to provide hand-held student response equipment at negotiated prices. Participation in SCNM's equipment purchase is mandatory and is automatically charged to all students in their first term in attendance at SCNM. Exceptions are made if students already own medical equipment that meets or exceeds WA quality and requires written authorization by SCNM's Dean of Medical Education.

Audience Response Equipment	\$45
Medical equipment	\$815
Minor Surgery equipment	\$40
Quarterly textbooks, materials and supplies	\$1,000 (estimate)

Throughout the course of their program, SCNM students may choose to participate in activities that result in other fees and charges. The following schedule identifies these types of charges.

Non-Course Specific Charges (Non-refundable)

Advanced Standing Evaluation	\$300
Audit	\$150
Challenge examination/competency assessment	\$150 (+ tuition)
Clinical drop/add	\$50
Course transfer (NTE \$300)	\$75 (per course)
Diploma replacement	\$50

Directed Study (per course)	\$150 (+ tuition)
Graduation	\$250
Late clinical paperwork	\$50
Late registration	\$100
Late Library book return	\$.50 (per day)
NPLEX Basic Science review course	\$100
Replacement ID card	\$5
Returned check	\$45
Special examination	\$150

Tuition and Fee Payment Policy

All tuition and fees listed are in U.S. currency. Tuition and fees for each term are payable in full in U.S. currency on or before the beginning of each term. Students who have not paid their tuition and fees in full by the end of the first week of a term will be notified of College intent to drop student from all registered courses and clerkships and will not be considered enrolled and participating. Depending on the amount of time lapsed, students may be given permission to re-register for classes/clerkships after payment of tuition and fees are received in full. Late registration and clinical drop/add fees may apply.

Throughout the course of a term, students may incur additional fees and fines for which payment is due upon notice of debt. The Business Office will place a hold on student accounts until debts are paid in full. Further,

- Any debt or returned check may revoke a student's current enrollment.
- Permission to register for subsequent terms will be blocked until all student debt is paid in full for previous terms.
- Course credit will not be given until all student debt is paid in full.
- Transcripts or diplomas will not be released until all student debt is paid in full.

Students are responsible for keeping SCNM informed of their current addresses and should update their personal information on MySCNM or submit address changes to the Registrar's Office immediately upon moving. It is each student's responsibility to review their accounts on MySCNM and to read and maintain email communication with the Business Office when accounts are not in balance.

Payment Options

Student payments must be in U.S. currency by cash, credit card, personal check or bank check. Students who receive federal financial aid are not allowed to prepay tuition and fee charges using a personal credit card.

Financial Aid Recipients: In accordance with the U.S. Department of Education (ED) 34 CFR 668.14 (c), federal student aid shall be posted to student accounts for allowable tuition and fee charges prior to crediting student accounts for other costs such as living expenses. Further, student verification of attendance in class or clerkship must be documented prior to financial aid disbursement. Once student aid is applied to student accounts and attendance verification is received, the net difference between aid and tuition and fee charges results in an amount due to student or an amount due from student. Amounts due to students are provided in the form of a live check or directly deposited in student bank accounts. Amounts due from students are due and payable according to the payment guidelines outlined above.

Foreign Financial Aid or 3rd Party Payer Recipients (e.g. VA): Proof of official promissory note and/or award letter from a third party payer must be delivered to the Business Office prior to the first day of a term in order to avoid being dropped from all registered courses and clerkships and having to re-register for classes, as outlined above.

VETERANS BENEFITS

SCNM's Doctor of Naturopathic Medicine program is an approved program of study by the Department of Veterans Affairs (VA) for students eligible to receive VA benefits. Eligibility for VA benefits is determined by the appropriate VA Benefits Office. Students must contact the VA Office and complete required approval forms to determine eligibility. After the student has completed the process, SCNM is notified by the VA Office of the student's eligibility and status of benefits.

VA Benefits are not considered Estimated Financial Assistance when determining eligibility for Direct Stafford Loans. Veterans must continue to achieve satisfactory academic progress toward their educational program(s) each term in order to remain eligible for benefits. SCNM must report to the VA Office if a student is not meeting Satisfactory Academic Progress or if there is any change in enrollment status.

FINANCIAL AID

Students seeking federal funding for their educational needs will receive assistance through the Office of Financial Aid. The Federal William D. Ford Direct Stafford Loans are available to those who qualify, based on federal regulations.

Direct Subsidized Stafford Loans are available to those who qualify and are need-based. Students are eligible to borrow a maximum of \$8,500 per academic year (three terms). The government subsidizes (pays) all interest on the loan while the student is enrolled at least half time and during grace periods or authorized deferment periods.

Direct Unsubsidized Stafford Loans are also available to those who qualify and are not need-based. The maximum amount a student may borrow under the Unsubsidized Stafford Loan Program is \$40,500. The student is responsible for the interest that accrues on an unsubsidized loan. Students have the option of paying the interest while in school, or adding the interest to the principal balance at the time of repayment. Students may not exceed the total loan limit of \$40,500 per academic year for their combined Direct Stafford Loans (subsidized and unsubsidized). The aggregate limit for Federal Stafford loans is \$224,000.

Due to the Budget Control Act of 2011, all graduate/professional students will no longer be eligible for the In-School subsidy interest on Direct Subsidized Loans originated on or after July 1, 2012.

Procedure

Students who seek financial aid receive information on how to start the financial aid process by completing the Free Application for Federal Student Aid (FAFSA), the Direct Master Promissory Note (MPN), and Federal Stafford Entrance Exam Counseling online. Approximately two to three weeks after submission of the FAFSA, the results of the compilation of information, including the estimated family contribution, is sent to the student and SCNM. Once the student's file is reviewed for eligibility, federal funding is determined. The student will receive an award letter reflecting the Stafford subsidized and unsubsidized loan amounts based on the student's credit hour load reflected in their final registration. This amount may be adjusted by scholarship or federal work study awards, pending student's application and award status.

Federal Work Study

Federal Work Study (FWS) awards are need-based and require students to indicate their desire to participate in the FWS program when completing their FAFSA or communicate their desire to the College Financial Aid Administrator to ensure FWS awarding is an option. Students should refer to MySCNM for updates to positions available throughout the College main campus and extended sites. For additional information, see page 32 in the Academic Policies section of the catalog or refer to the financial aid web page on the SCNM web site.

International Students

Although international students do not qualify for U.S. federal financial aid, there are other options to help fund their SCNM education. Alternative or private loans are available to foreign students; however, they must have a United States citizen or permanent resident as a co-signer.

In addition, Canadian students may be eligible to apply for Canadian student loans through their respective provincial governments. Canadian students receiving financial aid from their provincial governments will be held to the same payment deadlines for tuition. Tuition must be paid in full by the first day of a term. If provincial financial aid is received by SCNM after the student has paid, a refund of excess tuition will be issued to the student within ten business days. Canadian students are responsible for initiating the process of financial assistance from their province. Documentation will be sent to the Financial Aid Office at SCNM to complete the required information and return it to the appropriate Provincial government.

Refer to page 39 for Refund Policy/Drop Courses and page 39 for Complete Withdrawal Refund Policy.

ACADEMIC PROGRAM

PROGRAM OF STUDY

The ND program is designed to be completed in four calendar years. The program meets or exceeds the minimum required credit/clock hours of instruction set by the Council on Naturopathic Medical Education (CNME). For the purposes of financial aid, an academic year is a sequence of a minimum of three quarters. A calendar year, different than the academic year, is four quarters.

FIRST CALENDAR YEAR

The first calendar year (quarters 1-3) begins with the basic medical science curriculum in the study of normal structures and functions of the body, including anatomy, physiology, and biochemistry. This material is organized by systems and taught in an integrative block. Courses in naturopathic modalities, history, and philosophy are introduced; and early clinical experiences begin with an introduction to clinical practice. These experiences include opportunities to work with standardized patients in clinical settings and shadow physicians in private practice during field observation.

SECOND CALENDAR YEAR

The second calendar year (quarters 4-7) continues the basic medical science curriculum and focuses on the body's pathological transitions through disease, along with clinical recognition of these processes using physical, clinical, and lab diagnosis. Courses in research and the naturopathic modalities such as nutrition, mind-body medicine, homeopathy, and Oriental medicine are explored during the second year.

THIRD AND FOURTH CALENDAR YEARS

In the final two calendar years (quarters 8-14), clinical methods of naturopathic medicine are presented and expanded both in the classroom and the clinical setting. Students have the opportunity to work with various patient populations at the SCNM Medical Center and the College's eight community clinics. In the final academic year of the program, students concentrate on clinical training and take fewer didactic credits.

Selectives

SCNM offers selectives, or required electives, in the naturopathic medical degree program as part of the core curriculum. Selectives are advertised prior to registration, and an enrollment of 10 students is required before the selective will be offered. Selectives include study in botanical medicine, homeopathy, mind-body medicine, and physical medicine. *(For a list of potential selectives, please see Course Descriptions beginning on p. 29.)*

NON-DEGREE ENROLLMENT

A limited number of non-degree courses are offered and published each quarter. Interested individuals must complete an Application for Non-Degree Coursework, available from the Registrar's Office, and pay the appropriate fee for the non-degree course prior to the start of the course. *(See Tuition and Fee Schedule, p. 14.)* A minimum of a bachelor's degree or equivalent is required to enroll, and an official transcript must be submitted. The same add/drop policies apply for non-degree coursework as outlined in academic policies, p.35. SCNM didactic courses not included in the published non-degree course list may be available to non-degree students with prior faculty approval and space availability. Courses available for non-degree enrollment must be taken for a grade and require completion of all course requirements. Individuals will be considered for non-degree status on a space-available basis. When admitted with a non-degree status, an individual may enroll for a maximum of two

courses per quarter. A maximum of 12 credit hours completed in non-degree status may be used for transfer or for fulfilling degree requirements at SCNM.

ADVANCED NON-DEGREE ENROLLMENT

Life-long educational opportunities are available to alumni of SCNM. Alumni are welcome to enroll in and attend four free courses as offered by SCNM per year. Free courses do not include continuing medical education units, selectives, intensives, special seminars, conferences, or the board review courses. Courses may be taken as audit or for credit; to earn credits, courses must be taken for a grade and require completion of all course requirements as indicated in the course syllabus.

ACADEMIC PROGRAM

Doctor of Naturopathic Medicine Program of Study – Year One

Course #	Year 1 Quarter 1	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
CLPR 5010	Introduction to Clinical Practice I ¹	24			24	4.0
CLPR 5010L	Intro. to Clinical Prac. Skills Lab I* ¹	24			24	
HUBI 5010	Human Biology I			180	180	21.0
HUBI 5010L	Human Biology Lab I**		48		48	
HUBI 5010A	Human Biology Applications I**			24	24	
NTMD 5010	Philosophical & Histor. Foundations of Naturopathic Medicine			24	24	2.0
Year 1 Quarter 1 Totals		48	48	228	324	27.0

Course #	Year 1 Quarter 2	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
CLPR 5020	Introduction to Clinical Practice II ¹	24			24	4.0
CLPR 5020L	Intro to Clin. Prac. Skills Lab II* ¹	24			24	
HUBI 5020	Human Biology II			180	180	21.0
HUBI 5020L	Human Biology Lab II**		48		48	
HUBI 5020A	Human Biology Applications II**			24	24	
NTMD 5020	Philosophical & Histor. Foundations of Naturopathic Medicine II			24	24	2.0
Year 1 Quarter 2 Totals		48	48	228	324	27.0

Course #	Year 1 Quarter 3	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
CLPR 5030	Introduction to Clinical Practice III ¹	24			24	4.0
CLPR 5030L	Intro to Clin. Prac. Skills Lab III* ¹	24			24	
HUBI 5030	Human Biology III			180	180	23.0
HUBI 5030L	Human Biology Lab III**		72		72	
HUBI 5030A	Human Biology Applications III**			24	24	
NTMD 5030	Philosophical & Histor. Foundations of Naturopathic Medicine III			24	24	2.0
Year 1 Quarter 3 Totals		48	72	228	348	29.0
Grand Totals - Year 1		144	168	684	996	83.0

*Lab credit hours are included in each Intro.to Clinical Practice course.

**Lab and Applications credit hours are included in each Human Biology course.

¹These may not be counted toward the 1200 clock hours of clinical training required by CNME.

Course #	Year 1 Summer	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
TBD	Didactic Selectives			72	72	6.0
CLTR 6700	Medicinary Posts ¹	12			12	1.0
CLTR 6000	Field Observation ²	60			60	5.0
Year 1 Summer Totals		72	0	72	144	12

*Students who enter in the fall may elect to attend the Year 1 Summer Quarter.

¹These hours do not count toward the 1200 clock hrs. of clinical training required by CNME.

²These hours count toward the 1200 clock hours of clinical training required by CNME.

ACADEMIC PROGRAM

Doctor of Naturopathic Medicine Program of Study – Year Two

Course #	Year 2 Quarter 4	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
GNMD 6010	General Medical Diagnosis I			120	120	10.0
CLPR 6040	Clinical Practice I ¹	24			24	4.0
CLPR 6040L	Clinical Practice Skills Lab I* ¹	24			24	
ENVM 6010	Environmental Medicine I & II			30	30	2.5
ENVM 6010L	Environmental Medicine Lab		18		18	1.5
PSYC 6010	Mind-Body Medicine I			24	24	2.0
MNGT 6010	Practice Management I			12	12	1.0
OMND 6010	Oriental Medicine I			30	30	2.5
PHAR 6010	Pharmacology I			24	24	2.0
PHMD 6010	Physical Medicine I			12	12	1.0
PHMD 6010L	Physical Medicine Lab I		12		12	1.0
Year 2 Quarter 4 Totals		48	30	252	330	27.5

Course #	Year 2 Quarter 5	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
GNMD 6020	General Medical Diagnosis II			120	120	10.0
CLPR 6050	Clinical Practice II ¹	24			24	4.0
CLPR 6050L	Clinical Practice Skills Lab II* ¹	24			24	
BOTM 6010	Botanical Medicine I			24	24	2.0
NUTR 6010	Nutrition I			24	24	2.0
OMND 6020	Oriental Medicine II			30	30	2.5
PHAR 6020	Pharmacology II			48	48	4.0
PHMD 6020	Physical Medicine II			24	24	2.0
PHMD 6020L	Physical Medicine Lab II		24		24	2.0
Year 2 Quarter 5 Totals		48	24	270	342	28.5

Course #	Year 2 Quarter 6	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
GNMD 6030	General Medical Diagnosis III			120	120	10.0
CLPR 6060	Clinical Practice III ¹	24			24	4.0
CLPR 6060L	Clinical Practice Skills Lab III* ¹	24			24	
HMEO 6010	Homeopathy I			24	24	2.0
NUTR 6020	Nutrition II			30	30	2.5
OMND 6030	Oriental Medicine III			18	18	1.5
OMND 6030L	Oriental Medicine Lab III		12		12	1.0
PHAR 6030	Pharmacology III			24	24	2.0
PHMD 6030	Physical Medicine III			24	24	2.0
PHMD 6030L	Physical Medicine Lab III		24		24	2.0
Year 2 Quarter 6 Totals		48	36	240	324	27

ACADEMIC PROGRAM

Course #	Year 2 Quarter 7	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
BOTM 6020L	Botanical Medicine Lab II**		24		24	2.0
GNMP 6010	General Medical Practice I: Psychiatric Cond.			12	12	1.0
GNMP 6011	General Medical Practice I: Dermatology			12	12	1.0
GNMP 6012	General Medical Practice I: EENT			18	18	1.5
PSYC 6020	Mind-Body Medicine II			12	12	1.0
OMND 6040	Oriental Medicine IV			18	18	1.5
OMND 6040L	Oriental Medicine Lab IV		12		12	1.0
PHMD 6040	Physical Medicine IV			12	12	1.0
PHMD 6040L	Physical Medicine Lab IV		12		12	1.0
TBD	Didactic Selectives***			72	72	6.0
CLTR 6600	Lab Posts****1	12			12	1.0
CLTR 6700	Medicinary Posts****1	12			12	1.0
CLTR 6000	Field Observation ²	60			60	5.0
CLTR 4300	Clinical Entry Exam ¹	12			12	1.0
Year 2 Quarter 7 Totals		96	48	156	300	25
Grand Totals - Year 2		240	138	918	1296	108

*Lab credit hours are included in each Clinical Practice course.

**Botanical Medicine Lab II must be taken in Qtr. 6 or 7.

***The 12 total credit hours of didactic selectives may be taken in Qtrs. 7-14.

****Lab and Medicinary Posts may be taken in Qtrs. 7-14.

¹These hours do not count toward the 1200 clock hours of clinical training required by CNME.

²These hours count toward the 1200 clock hours of clinical training required by CNME.

Doctor of Naturopathic Medicine Program of Study – Year Three

Course #	Year 3 Quarter 8	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
BOTM 7030	Botanical Medicine III			24	24	2.0
GNMP 7020	General Medical Practice II: Gastroenterology			30	30	2.5
GYNE 7010	Gynecology I			36	36	3.0
HMEO 7020	Homeopathy II			24	24	2.0
NUTR 7030	Nutrition III			30	30	2.5
OMND 7050	Oriental Medicine V			42	42	3.5
OMND 7060	Oriental Medicine VI			12	12	1.0
OMND 7060L	Oriental Medicine Lab VI		6		6	0.5
PHMD 7050	Physical Medicine V			12	12	1.0
PHMD 7050L	Physical Medicine Lab V		12		12	1.0
CLTR 7000	Clinical Clerkships (2) ¹	96			96	8.0
Year 3 Quarter 8 Totals		96	18	210	324	27

ACADEMIC PROGRAM

Course #	Year 3 Quarter 9	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
BOTM 7040	Botanical Medicine IV			24	24	2.0
GNMP 7030	General Medical Practice III: Endocrinology			30	30	2.5
GNMP 7031	General Medical Practice III: Hematology			12	12	1.0
GYNE 7020L	Gynecology I Lab*		24		24	2.0
HMEO 7030	Homeopathy III			24	24	2.0
MNGT 7020	Practice Management II			12	12	1.0
NUTR 7040	Nutrition IV			12	12	1.0
OBST 7010	Obstetrics			30	30	2.5
OMND 7070	Oriental Medicine VII			24	24	2.0
PEDS 7010	Pediatrics I			24	24	2.0
CLTR 7000	Clinical Clerkships (2) ¹	96			96	8.0
Year 3 Quarter 9 Totals		96	24	192	312	26

Course #	Year 3 Quarter 10	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
BOTM 7050	Botanical Medicine V			24	24	2.0
GNMP 7040	General Med. Practice IV: Cardio./Vasc. Med.			18	18	1.5
GNMP 7041	General Medical Practice IV: Pulmonology			18	18	1.5
HMEO 7040	Homeopathy IV			24	24	2.0
MNGT 7030	Practice Management III			12	12	1.0
NUTR 7050	Nutrition V			24	24	2.0
PSYC 7030	Mind-Body Medicine III			18	18	1.5
OMND 7080	Oriental Medicine VIII			18	18	1.5
PEDS 7020	Pediatrics II			24	24	2.0
CLTR 7000	Clinical Clerkships (3) ¹	144			144	12.0
CLTR 4500	Primary Status Clinical Exam ²	12			12	1.0
Year 3 Quarter 10 Totals		156	0	180	336	28

Course #	Year 3 Quarter 11	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
CLTR 7000	Clinical Clerkships (5) ¹	162			162	13.5
TBD	Didactic Selectives**			72	72	6.0
Year 3 Quarter 11 Totals		162	0	72	234	19.5
Grand Totals - Year 3		510	42	654	1206	100.5

**Gynecology I Lab may be taken in Qtr. 9, 10, or 11."

**The 12 total credit hours of didactic selectives may be taken in Qtrs. 7-14.

¹These hours count toward the 1200 clock hours of clinical training required by CNME.

²These hours do not count toward the 1200 clock hours of clinical training required by CNME.

ACADEMIC PROGRAM

Doctor of Naturopathic Medicine Program of Study – Year Four

Course #	Year 4 Quarter 12	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
GNMP 8050	General Med. Practice V: Rheumatology			24	24	2.0
GNMP 8051	General Med. Practice V: Muscul/Ortho			12	12	1.0
PSYC 8040	Mind-Body Medicine IV			18	18	1.5
MSRG 8010	Minor Surgery I			12	12	1.0
MSRG 8010L	Minor Surgery Lab I		12		12	1.0
CLTR 8000	Clinical Clerkships (5) ¹	240			240	20.0
Year 4 Quarter 12 Totals		240	12	66	318	26.5

Course #	Year 4 Quarter 13	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
ERMD 8010	Emergency Medicine I			24	24	2.0
GNMP 8060	General Medical Practice VI: Neurology			24	24	2.0
GNMP 8061	General Medical Practice VI: Oncology			18	18	1.5
MSRG 8020	Minor Surgery II			12	12	1.0
MSRG 8020L	Minor Surgery Lab II		12		12	1.0
CLTR 8000	Clinical Clerkships (5) ¹	240			240	20.0
Year 4 Quarter 13 Totals		240	12	78	330	27.5

Course #	Year 4 Quarter 14	Contact Hours			Total Contact Hours	Total Credit Hours
		Clinic	Lab	Didactic		
ERMD 8020	Emergency Medicine II			24	24	2.0
GNMP 8070	General Med. Practice VII: Urology/Kidn			18	18	1.5
GNMP 8071	General Medical Practice VII: Geriatrics			12	12	1.0
MNGT 8040	Practice Management IV			12	12	1.0
CLTR 8000	Clinical Clerkships (5) ¹	240			240	20.0
CLTR 4900	Clinical Exit Exam ²	12			12	1.0
Year 4 Quarter 14 Totals		252	0	66	318	26.5
Grand Totals - Year 4		732	24	210	966	80.5

Grand Totals (all four years)	Contact Hours			Total Contact Hours	Total Credit Hours
	Clinic	Lab	Didactic		
	1626	372	2466	4464	372.0

¹These hours count toward the 1200 clock hours of clinical training required by CNME.

²These hours do not count toward the 1200 clock hours of clinical training required by CNME.

ACADEMIC DEPARTMENTS AND COURSE DESCRIPTIONS

CREDIT EQUIVALENCE

Courses are reported in quarter credit hours according to the following values:

Didactic	1 credit = 12 contact hours per quarter
Laboratory	1 credit = 12 contact hours per quarter
Clinical Clerkships	1 credit = 12 contact hours per quarter

Please see *Program of Study* on p. 17 and *Graduation Requirements* on p. 41 for more information.

DEPARTMENT OF ACUPUNCTURE AND ORIENTAL MEDICINE

Department Chair: Yong Deng, MD (China), LAc

In the Department of Acupuncture and Oriental Medicine, students are trained to practice safely and competently while providing basic competency in Traditional Chinese Medicine (TCM). The curriculum includes didactic courses and labs in fundamental concepts of Oriental Medicine, diagnosis, meridians and points, pathology, acupuncture techniques, and case analysis and management.

DEPARTMENT OF BASIC MEDICAL SCIENCES

Department Chair: Richard Laherty, PhD

Basic Medical Sciences include in-depth study of the principles and concepts relative to the structure and functions of the human body. Didactic courses and labs integrate anatomy, embryology, biochemistry, microbiology, physiology, pathology, and pharmacology. Emphasis is placed upon studying both the human systems used to maintain health, and the transitional pathophysiological processes that contribute to maintaining life.

DEPARTMENT OF BOTANICAL MEDICINE

Department Chair: Patricia Gaines, ND, RH (AHG)

The Department of Botanical Medicine directs the study of utilizing plants as medicine. Courses are offered in several venues the field, laboratory, and classroom, and focus on historical use of plants as medicine, current research, pharmacognosy, clinical application of knowledge, and case analysis and management. In accordance with the philosophy of naturopathic medicine, emphasis is not only on the study of botanical medicine, but also on how combinations of botanicals, with other herbs, drugs, and foods, create effects in people that promote health and prevent disease.

DEPARTMENT OF CLINICAL DIAGNOSTICS

Department Chair: Pamela Martin, MD

The courses in the Department of Clinical Diagnostics provide students with the knowledge and skills to perform physical examinations and to identify appropriate lab tests, diagnostic procedures, and differential diagnostic assessments. These courses and labs are practice based and provide opportunities for case analysis.

DEPARTMENT OF COMMUNITY MEDICINE

Department Chair: Janice Highfield, ND

The Department of Community Medicine offers clerkships at eight community clinics throughout the Phoenix-Metro area where SCNM faculty members supervise clinical interns in the diagnosis and treatment of patients at these clinics. Students practice care and management of the health needs of underserved and diverse patient populations.

DEPARTMENT OF ENVIRONMENTAL MEDICINE

Department Chair: Walter Crinnion, ND

The Department of Environmental Medicine offers didactic classes to identify environmental toxins, such as solvents, pesticides, heavy metals, plastic, and other pollutants, that adversely affect health. Labs provide opportunities to practice techniques that elicit detoxification in reducing toxicity and improving overall health.

DEPARTMENT OF GENERAL MEDICINE

Department Chair: Timothy Schwaiger, NMD, MA

Clinical experience in the Department of General Medicine emphasizes the integration of knowledge with the practical application of primary naturopathic medicine. Didactic courses are designed and organized by body systems and integrate biomedical sciences with clinical applicability.

DEPARTMENT OF HOMEOPATHIC MEDICINE

Department Chair: Stephen Messer, ND, DHANP

The courses in the Department of Homeopathic Medicine prepare the student to be competent in case-taking, prescription, and patient management with emphasis on the recognition of the body's process of healing. Students study the historical, current, and evolving use of homeopathic medicines in naturopathic practice.

DEPARTMENT OF MIND-BODY MEDICINE

Department Chair: John Dye, ND

Courses in the Department of Mind-Body Medicine emphasize the intuitive, communicative, and therapeutic skills needed to be an effective practitioner. Focus is placed on the body, mind, and spirit interactions found within the patient's health needs and in the doctor/patient relationship.

DEPARTMENT OF NUTRITION

Department Chair: Mona Morstein, ND, DHANP

The courses in the Department of Nutrition emphasize the body's metabolic pathways for macronutrients and micronutrients, diet diary analysis, nutritional specialty testing, individualized nutrient requirements, nutritional supplements, and therapeutic dietary protocols.

ACADEMIC DEPARTMENTS AND COURSE DESCRIPTIONS

DEPARTMENT OF PEDIATRICS

Department Chair: Matthew Baral, ND

The Department of Pediatrics provides coursework that focuses on common conditions occurring in infants, children, and adolescents. Emphasis is placed upon disease prevention, treatment, and appropriate referral of pediatric conditions.

DEPARTMENT OF PHILOSOPHY AND PROFESSIONAL PREPARATION

Department Chair: TBA

The courses in the philosophy sequence focus on the integration of naturopathic philosophy and principles with clinical practice through personal development of the student. The professional preparation courses are designed to create a foundation of medical ethics and business practice and management that will serve the student after graduation as (s)he enters practice.

DEPARTMENT OF PHYSICAL MEDICINE

Department Chair: Nick Buratovich, NMD.

The courses in the Department of Physical Medicine focus on orthopedic physical assessment techniques and treatment modalities including therapeutic touch, palpation, a variety of soft-tissue and osseous manipulation techniques, and hydrotherapy. Patient case management for functional improvement in injury states, postural stress conditions, pain management, and structural integration are emphasized.

DEPARTMENT OF RESEARCH

Department Co-Chairs: Robert Waters, PhD, and Jeff Langland, PhD

The research classes address the fundamentals of advanced scientific method in medicine and the practices and policies of the generic research community. Students learn scientific literature review and evaluation of reliability of published data. Students with a strong interest in the conduct of research may, with the supervision of a faculty member, enroll in RSCH Selectives and, taking advantage of available resources, conduct a research project which may lead to publication.

Members of the research department are actively involved in research and maintain relationships with other area institutions such as the Bio-Design Institute at ASU, T-GEN North, and the University of Arizona.

Research at SCNM is guided by two internal institutional groups: The Research Advisory Board (RAB) is responsible for the review of research protocols, taking into account scientific merit, ethical considerations, program relevance, and public responsibility; and the Institutional Review Board (IRB) assures compliance with medical ethics and human subjects research protection. The IRB will not accept protocols without prior RAB review and approval.

COURSE DESCRIPTIONS (Listed in alphabetical order)

BOTM 6010 Botanical Medicine I: Introduction to Botanical Medicine

(Didactic 2 credits)

This course lays the foundation for Botanical Medicine component of the curriculum at SCNM. The format is interactive lecture and question/answer. Course content includes the foundations of botanical medicine, introduction to material medica and monograph study, herbal properties and actions, formulary and posology. There is also field study, which includes cultivated and native plant medicines. Utilization of college resources such as gardens and library is supported throughout the term. Prerequisites: Completion of 1st year

BOTM 6020L Botanical Medicine II Lab: Pharmacy of Botanical Medicine

(Lab 2 credits)

(A course fee applies – See Tuition and Fee Schedule, p. 14)

This is a hands-on course familiarizing students with the preparation of herbal medicine. The format is lecture and interactive demonstration. Students actively participate in the preparation of infusions, decoctions, tinctures, herbal oils and salves, syrups, capsules, ointments, poultices, and compresses. Students examine the comparable advantages and disadvantages of each type of preparation and how pharmacognosy provides an understanding of optimizing medicinal preparations for each plant. Emphasis is also placed on prescription writing and utilizing organoleptic testing to assess medicinal preparation identity and quality. This course, along with BOTM 6010, provides the foundational information for further study in the following materia medica courses. Prerequisites: Completion of Quarters 1-5

BOTM 7030 Botanical Medicine III: Naturopathic Materia Medica Pharmacognosy/Therapeutics I

(Didactic 2 credits)

BOTM 7040 Botanical Medicine IV: Naturopathic Materia Medica Pharmacognosy/Therapeutics II

(Didactic 2 credits)

BOTM 7050 Botanical Medicine V: Naturopathic Materia Medica Pharmacognosy/Therapeutics III

(Didactic 2 credits)

These consecutive courses provide students with the necessary knowledge and skills to understand herbal medicine in the naturopathic materia medica. Students are taught botanicals from an organ system perspective. These include gastrointestinal, respiratory, immune, cardiovascular, reproductive, urinary, endocrine, musculoskeletal, and nervous systems. Material presented on each botanical includes taxonomy, description, habitat, part(s) used, pharmacognosy, historical and current medicinal actions and uses, dosing, toxicology, and potential drug interactions, all of which are used to critically analyze the application of these botanicals for therapeutic formulations. Prerequisites: Completion of 2nd year; courses must be taken in sequence.

CLPR 5010, 5020, 5030 Introduction to Clinical Practice I CLPR 5010L, 5020L, 5030L Introduction to Clinical Practice Skills Lab I

(Clinical, Lab 12 credits)

This course that spans the first three quarters is an introduction to the art of practicing medicine. It begins with the development, enhancement, and exercise of cognitive analytical and evaluative thinking. Growth and professionalism will be practiced through affective skills, active listening, interviewing technique, and the self-application of healthy behavior. Medical ethics, jurisprudence, and cultural and social considerations will be explored. Differential diagnosis, critical thinking, and case assessment will be introduced through case-based learning. Beginning clinical skills such as the patient interview, basic physical exams, assessment, and charting will prepare the student for clinical observation

ACADEMIC DEPARTMENTS AND COURSE DESCRIPTIONS

opportunities. (2 contact hours lecture, 2 contact hours lab per week)
Prerequisites: 1st Year Student; Co-requisite: 1st year HUBI and NTMD courses; courses must be taken in sequence

CLPR 6040, 6050, 6060 Clinical Practice I

CLPR 6040L, CLPR 6050L, CLPR 6060L Clinical Practice Skills Lab I (Clinical, Lab 12 credits)

The clinical practice coursework in year 2 expands to include standardized learning opportunities using mock patients and simulation models. It will refine the integration of subjective and objective information into an effective and realistic patient assessment. Clinical decision-making and case management will be exercised using case-based instruction. This course will also offer observation in community clinics with structured experiences. Students must take and pass a clinic entry exam at the end of year 2 prior to beginning the 3rd year clerkships. Cultural competencies and social diversities in private practice and in community medicine will be explored. Public health, epidemiology, and health screening standards will be addressed. Students will also review medical administrative skills such as diagnostic billing, coding, EMR, and basic business management. (2 contact hours lecture, 2 contact hours lab per week)
Prerequisites: Completion of 1st year; courses must be taken in sequence

CLTR 6000 Field Observation (Clinical, 5 credits)

Field observation provides students with opportunities to observe established healthcare practitioners in their private clinical practices. Observation hours are completed during the first two years of the program which allow students to gain early clinical experiences prior to beginning their clinical clerkships. Students are required to document 40 patient contact hours in the following categories: Direct Patient, Indirect Patient, and Patient Services/Practice Management. Prerequisites: Completion of 1st year; attainment of clinical training certificate from the Arizona Naturopathic Physicians Medical Board (NPMB)

CLTR 6600 Laboratory Posts (Clinical, 1 credit)

During the laboratory posts in the SCNM Medical Center, students gain a finer understanding of laboratory diagnostic tests and OSHA standards and have the opportunity to prepare samples and run tests. Students enhance their clinical skills in laboratory procedures such as phlebotomy, specimen collection and processing, and urinalysis. Prerequisites: Completion of quarters 1-6

CLTR 6700 Medicinary Post (Clinical, 1 credit)

During the medicinary post in the SCNM Medical Center, students gain a foundation for understanding the mechanics of a natural medicinary. The skills of maintaining the day-to-day functions include ordering, receiving, pricing, stocking and shipping of products. Other experiences include blending botanical tinctures and/or dried herbs, mixing IV ingredients, answering phones, and taking verbal prescriptions. Prerequisites: Completion of 1st year

CLTR 7000 and CLTR 8000 Clinical Clerkships (Clinical, 4 credits)

Clinical clerkships provide the student with practical clinical exposure, information, and additional medical knowledge in a clinical setting focusing on primary care medicine. Students will demonstrate skills in history taking and physical examinations, become skilled at differentiating between common medical conditions, and develop basic plans of treatment consistent with the principles of the naturopathic therapeutic order. Clerkships are completed at the SCNM Medical Center and extended clinical sites staffed by SCNM faculty. During the 3rd year, students may choose an 8-week elective clinical site which are staffed by physicians in private practice. Prerequisites: For CLTR 7000: Completion of 2nd year and passing score on Clinical Entry Exam; For CLTR 8000: Completion of 3rd year and passing score of Primary Status Exam

ENVM 6010 Environmental Medicine I and II ENVM 6010L Environmental Medicine Lab (Didactic 2.5 credits; Lab 1.5 credits)

The 30-hour course will start with an overview of existing medical fields that deal with environmental chemicals to show where environmental medicine fits. The major families of chemical toxins will then be divided into those whose primary routes of exposure are via indoor air, outdoor air, and food. Within each chemical family the main health effects will be covered along with methods of testing. Biotransformation will then be addressed along with genetic polymorphisms in those pathways and nutrient impact. Cellular and systemic effects of toxins will then be covered to not only show the classic presentations, but also the biochemical mechanisms for their effects. The classic presentation of environmental illness will be covered along with taking an environmental history. The course will be rounded out with methods of treatments. The 18-hour lab will be focused completely on constitutional hydrotherapy. Students will learn how and why it is used. Students must demonstrate proficiency at doing a therapeutic constitutional hydrotherapy treatment in order to pass the course. Prerequisites: Completion of 1st year

ERMD 8010, 8020 Emergency Medicine I, II (Didactic 4 credits)

This two-course sequence provides students with experiences to differentially diagnose signs, symptoms, and situations in acute medical care. Students learn to recognize emergency signs and situations possible in all organ systems. Emphasis is on the integration of current allopathic drugs and procedures and the complementary practice of acute care by naturopathic physicians. Prerequisites: Completion of 3rd year; courses must be taken in sequence

GNMD 6010, 6020, 6030 General Medical Diagnosis I, II, III (Didactic 30 credits)

General Medical Diagnosis will be taught in a systems-based block format with integrated course content. Pathology will be aligned with instruction in clinical, physical, radiological, and laboratory diagnosis. The course will begin with the general study of cell injury, inflammation, tissue repair, and neoplasia. This will be followed by the study of disease and diagnosis by systems. Prerequisites: Completion of 1st year; courses must be taken in sequence

GNMP 6010, 6011, 6012, 7020, 7030, 7031, 7040, 7041, 8050, 8051, 8060, 8061, 8070, 8071 General Medical Practice I, II, III, IV, V, VI, VII (Didactic 21.5 credits)

These courses will be taught in a block format with an emphasis upon diagnostics and clinical case management to increase students' medical knowledge, to complement clinical clerkships, and to assist in the preparation for clinical boards. The content of these courses will include conditions most commonly seen in family practice. Conventional and pharmacologic treatments will be discussed to better understand the choices patients are exploring. Naturopathic treatment plans will be outlined using evidence-based, empirical, and case-based medicine. Year 3 will focus on the areas of psychiatric conditions, dermatology, EENT, gastroenterology, endocrinology, hematology, cardiology/vascular medicine, and pulmonology. (Specific courses are described below.) Year 4 will focus on the areas of rheumatology, musculoskeletal/orthopedic conditions, neurology, oncology, urology/kidney/male conditions, and geriatrics. (Specific courses are described below.) Prerequisites: Courses must be taken in sequence; also, please see below

GNMP 6010 General Medical Practice I: Psychiatric Conditions (Didactic 1 credit)

The clinical presentations discussed in the course include psychotic disorders, mood disturbances, cognitive mental disorders, anxiety disorders, somatoform and factitious disorders, conversion disorders, eating disorders, sexual disorders, personality disorders, substance abuse, and trauma. Prerequisites: Completion of Quarters 1-6; Co-requisite to GNMP 6011, GNMP 6012

ACADEMIC DEPARTMENTS AND COURSE DESCRIPTIONS

GNMP 6011 General Medical Practice I: Dermatology (Didactic 1 credit)

The clinical presentations discussed in the course include malignancies and benign masses, infections and inflammation, burns, hair and nail disorders, pruritus, skin ulcers, and skin rashes. Prerequisites: Completion of Quarters 1-6 ; Co-requisite to GNMP 6010, GNMP 6012

GNMP 6012 General Medical Practice I: Eyes, Ears, Nose, and Throat (EENT) (Didactic 1.5 credits)

The clinical presentations discussed in the course include common eye, ear, nose, mouth, and throat conditions including malignancies, infections and inflammations, and non-neurologic trauma. Prerequisites: Completion of Quarters 1-6 ; Co-requisite to GNMP 6010, GNMP 6011

GNMP 7020 General Medical Practice II: Gastroenterology (Didactic 2.5 credits)

The clinical presentations discussed in the course include malignancies and masses, infections and inflammations, esophageal conditions, stomach conditions, pancreatic conditions, hepatobiliary conditions, and small and large intestinal conditions. Prerequisites: Completion of 2nd year

GNMP 7030 General Medical Practice III: Endocrinology (Didactic 2.5 credits)

The clinical presentations discussed in the course include malignancies and masses, galactorrhea, abnormal growth and stature, thyroid and parathyroid conditions, HPA axis abnormalities, BMI abnormalities, dysglycemic conditions, diabetes mellitus, adrenal conditions, gynecomastia, hirsutism/virilization, sexual determination/differentiation abnormalities, and sexual maturation abnormalities. Prerequisites: Completion of Quarters 1-8; Co-requisite to GNMP 7031

GNMP 7031 General Medical Practice III: Hematology (Didactic 1 credit)

The clinical presentations discussed in the course include infections and inflammations, coagulation abnormalities, anemias, polycythemia, abnormalities of white blood cells, leukemia, Hodgkin's and non-Hodgkin's lymphoma, immuno-compromised conditions, lymph disorders, hemochromatosis, myeloproliferative disorders, plasma cell dyscrasias, hereditary hemoglobinopathies, porphyrias, and clotting disorders. Prerequisites: Completion of Quarters 1-8; Co-requisite to GNMP 7030

GNMP 7040 General Medical Practice IV: Cardiology and Vascular Medicine (Didactic 1.5 credits)

The clinical presentations discussed in the course include differentiation of chest pain, syncope, and dyspnea; infections, inflammations, acute coronary syndrome, peripheral vascular disease, hypotension, hypertension, valvular disorders, arrhythmias, heart failure, malignancies, transient ischemic attack, cerebrovascular accident, and cardiovascular shock. Prerequisites: Completion of Quarters 1-9; Co-requisite to GNMP 7041

GNMP 7041 General Medical Practice IV: Pulmonology (Didactic 1.5 credits)

The clinical presentations discussed in the course include chest pain, syncope, dyspnea, and cough; obstructive and restrictive pulmonary diseases; asthma, infections, inflammations, oxygenation and positive pressure ventilation, pulmonary hypertension, malignancies, pulmonary embolism, and trauma. Prerequisites: Completion of Quarters 1-9; Co-requisite to GNMP 7040

GNMP 8050 General Medical Practice V: Rheumatology (Didactic 2 credits)

The clinical presentations discussed in the course include infections and inflammation, and conditions of the connective tissue, muscles, and joints. Emphasis is placed on the diagnosis and treatment of monoarticular, polyarticular, and autoimmune disorders. Prerequisites: Completion of 3rd year; Co-requisite to GNMP 8051

GNMP 8051 General Medical Practice V: Musculoskeletal/Orthopedic Conditions (Didactic 1 credit)

The clinical presentations discussed in the course include infections and inflammation, malignancies and masses, joint and bone conditions, spinal conditions, low back pain, shoulder and elbow conditions, hand and wrist conditions, hip conditions, knee conditions, foot and ankle conditions, and injuries and trauma. Prerequisites: Completion of 3rd year; Co-requisite to GNMP 8050

GNMP 8060 General Medical Practice VI: Neurology (Didactic 2 credits)

The clinical presentations discussed in the course include masses and malignancies, cognitive disorders, infections and inflammations, vascular disorders, weakness/paralysis, sleep disorders, headache, pain modulation, movement disorders, dizziness, vertigo, gait disturbances, syncope, seizures, neurodegenerative diseases, and trauma. Prerequisites: Completion of Quarters 1-12; Co-requisite to GNMP 8061

GNMP 8061 General Medical Practice VI: Oncology (Didactic 1.5 credits)

The clinical presentations discussed in the course include cancer cell biology, pathology, screening, and prevention guidelines. The principals and conventional therapies for cancer will be covered in addition to in-depth integrative naturopathic oncology for the most commonly observed cancers. Prerequisites: Completion of Quarters 1-12; Co-requisite to GNMP 8060

GNMP 8070 General Medical Practice VII: Urology/Kidney/Male Conditions (Didactic 1.5 credits)

The clinical presentations discussed in the course include generalized edema, electrolyte imbalances, metabolic acidosis, metabolic alkalosis, hypertension, hematuria, polyuria, urinary frequency, dysuria, renal mass, proteinuria, acute renal failure, urinary obstruction, renal colic, nephrolithiasis, and chronic renal failure. The male reproductive system will include cancers and masses, male infertility, testicular conditions, prostate conditions, sexual dysfunction, erectile dysfunction, and trauma. Prerequisites: Completion of Quarters 1-13; Co-requisite to GNMP 8071

GNMP 8071 General Medical Practice VII: Geriatrics (Didactic 1 credit)

The clinical presentations discussed in the course include cognitive disorders, genitourinary problems, musculoskeletal problems, nervous system circulatory problems, elder abuse, social and functional limitations, mood disorders, nutritional issues, and conditions resulting from medication use. Prerequisites: Completion of Quarters 1-13; Co-requisite to GNMP 8070

GYNE 7010 Gynecology I (Didactic 3 credits)

This course focuses on the etiology, diagnosis, management, and treatment of gynecological problems. Students will learn evidence-based, effective naturopathic treatment protocols. Criteria for referral to specialists and integration of naturopathic medicine with conventional medicine are covered as well. Prerequisites: Completion of 2nd year

ACADEMIC DEPARTMENTS AND COURSE DESCRIPTIONS

GYNE 7020L Gynecology I Lab (Lab 2 credits)

This laboratory course teaches examination and procedures associated with gynecological diagnosis and treatment. This is part lecture, part hands-on laboratory experience performing exams and procedures on women. Prerequisites: GYNE 7010

HMEO 6010, 7020, 7030, 7040 Homeopathy I, II, III, and IV (Didactic 8 credits)

These courses are an integrated series of courses that sequentially introduce the student to the art and practice of homeopathy. They will draw on and utilize the knowledge and skills gained in each of the previous homeopathy department courses. These courses are primarily designed to impart the knowledge of homeopathy necessary for the student to pass the homeopathic portion of the NPLEX licensing exam. In addition, these courses lay the foundation for the further study and mastery of homeopathy on the clinical homeopathy clerkships at the SCNM Medical Center. Topics include: Materia Medica of all the homeopathic medicines tested by NPLEX, homeopathic philosophy and theory including detailed examination of the Organon of Medicine, review of current research literature, case taking and case analysis, computer repertorization, treatment and management of acute and chronic disease states, and integrating homeopathy with other naturopathic treatment options. These courses will utilize both lecture and case-based teaching methods, along with team-based and other active forms of learning. Prerequisites: Completion of Quarters 1-5; courses must be taken in sequence

HUBI 5010, 5020, 5030 Human Biology I, II, III HUBI 5010L, 5020L, 5030L Human Biology Lab I, II, III HUBI 5010A, 5020A, 5030A Human Biology Applications I, II, III (Didactic, Lab, Applications 65 credits)

This is a three-quarter sequence that explores the development, anatomy, physiology, biochemistry and microbiology of the human body. These courses provide the foundation for the student's future studies. These courses will consist of lecture, laboratory, and discussion sections. (15 contact hours lecture, 4-6 contact hours lab, 2 contact hours discussion per week) Prerequisites: admittance to the ND program; 1st Year Student; Co-requisites: 1st year HUBI and NTMD courses; courses must be taken in sequence.

MNGT 6010 Business Practice Management I (Didactic 1 credit)

This is the first of a four-course sequence where students are introduced to practice management concepts and office operations. Focus is also given to building and maintaining a practice with systems, patient care, professionalism and the integration of naturopathic philosophy. Prerequisites: Completion of 1st year

MNGT 7020 Business Practice Management II (Didactic 1 credits)

This is the second course in the management series where marketing foundations are introduced. Marketing tools and strategies are examined with emphasis upon building a successful naturopathic practice. Prerequisites: Completion of Quarters 1-8

MNGT 7030 Practice Management III (Didactic 1 credit)

This is the third course in the management series where leadership qualities are developed. Insurance management; managed care, business entity selection, coding and application of business management principles for an naturopathic medical practice will be discussed. Prerequisite: Completion of Quarters 1-9

MNGT 8040 Practice Management IV (Didactic 1 credit)

This is the fourth course in the management series where the financial administration of a naturopathic medical practice is explored. Emphasis is placed upon building a sound financial model for managing both professional and personal budget. Prerequisite: Completion of Quarters 1-13

MSRG 8010 Minor Surgery I

MSRG 8010L Minor Surgery I Lab (Didactic 1 credit; Lab 1 credit)

(A course fee applies – See Tuition and Fee Schedule, p. 14)

The course provides students with both the foundation and practical experience of conducting minor surgery. The student will learn necessary skills including setting a sterile field, incisions and excisions used in cyst and mole removal, and the appropriate suturing techniques. They will also learn skills including cautery, hyfrication, and cryoprobe. Students will demonstrate the ability to perform topical and local anesthetic injections and skin biopsies. The course also addresses diagnosis and management of surgical patients. The course includes management of surgical emergencies and surgical referral. Prerequisites: Completion of 3rd year

MSRG 8020 Minor Surgery II: Advanced Techniques in Minor Surgery

MSRG 8020L Minor Surgery II Lab (Didactic 1 credit; Lab 1 credit)

This course is a continuation of MSRG 8010 and offers students additional training in minor surgery skills, building on the foundation of MSRG 8010. Prerequisites: Completion of Quarters 1-12

NTMD 5010, 5020, 5030 Philosophical and Historical Foundations of Naturopathic Medicine (Didactic 6 credits)

This course that spans the first three quarters is designed to introduce beginning medical students to the history and philosophy of naturopathic medicine. This will be a team-taught course with emphasis given to the applied principles and historical milestones as well as the origins and development of naturopathic therapeutics including botanical medicine, environmental medicine, homeopathy, hydrotherapy, mind-body medicine, nutrition, pharmacology, physical medicine, and Traditional Chinese Medicine. The intention of this course is for students (1) to actively engage in exploration and discovery of their personal relationship to naturopathic medicine by critically examining both controversial and widely accepted issues and ideas within the naturopathic profession, (2) to identify and cultivate the human dimension of the practice of medicine, including reflection and communication, and (3) to clarify a personal commitment to the principles of naturopathic medicine. Prerequisites: 1st year student; courses must be taken in sequence

NUTR 6010 Nutrition I: Macronutrients and Specialized Diets (Didactic 2 credits)

This course examines the macronutrients fats, carbs, proteins, amino acids, and fiber from a clinical perspective. It also discusses reading nutrition labels, the various specialized diets naturopathic medicine uses in daily clinical practice, and the pros/cons of artificial sweeteners. Students also learn how to thoroughly analyze a patient's diet diary. Prerequisites: Completion of Quarters 1-4

NUTR 6020 Nutrition II: Micronutrients, Enzymes and Accessory Nutrients (Didactic 2.5 credits)

This course examines the source, actions, deficiencies, toxicities, dosing, and therapeutic uses of vitamins, minerals, enzymes, and accessory nutrients. There is also a section on nutrient/nutrient interactions and nutrient/drug interactions. Prerequisites: Completion of Quarters 1-5

ACADEMIC DEPARTMENTS AND COURSE DESCRIPTIONS

NUTR 7030 Nutrition III: Nutritional Disease Protocols (Didactic 2.5 credits)

This course examines how nutrition, through the application of therapeutic diets and nutritional supplementation, is used to treat various diseases and conditions that are seen clinically in naturopathic medical practices. Included in this course is a description of the multitude of nutritional testing labs available to clinicians. Prerequisites: Completion of 2nd year

NUTR 7040 Nutrition IV: Nutritional Expertise in Docere (Didactic 1 credit)

This course will teach students how to analyze diet diaries and supplements in regards to the conditions with which the patient presents. It will also illustrate how to effectively present effective and informative handouts and prescribe supplements, and allow students to practice techniques to gain their own expertise. Prerequisites: Completion of Quarters 1-8

NUTR 7050 Nutrition V: Creating Nutrition-Based Protocols for Patients (Didactic 2 credits)

This course will bring all previous nutrition courses into clinical reality through a modified TBL process. Students will create a three-day meal plan with recipes and nutritional supplement regimes for a variety of different medical conditions, patient populations, and patient socioeconomic levels; these plans will then be analyzed in a TBL-type group to make recommendations for improvement. Prerequisites: Completion of Quarters 1-9

OBST 7010 Obstetrics (Didactic 2.5 credits)

This course prepares the student to provide basic health care appropriate for the pregnant woman. Topics include diagnosis of pregnancy, initiating prenatal care, therapeutics for early pregnancy, management of spontaneous abortion, infertility, overview of normal and complicated labor/delivery, and the postpartum care of mothers and infants. The student is prepared to screen for risks and to offer patients referrals and informed choices related to hospital or out-of-hospital birthing options. Prerequisites: Completion of Quarters 1-8

OMND 6010 Oriental Medicine I: Theory and Fundamentals of Oriental Medicine (Didactic 2.5 credits)

This course introduces the fundamental concepts of Oriental Medicine, including yin yang, five elements theory, zang-fu organ systems, qi, blood and body fluid, meridian systems, TCM etiology, treatment principles, and eight phases theory. This course lays a foundation for further study. Prerequisites: Completion of 1st year

OMND 6020 Oriental Medicine II: Traditional Chinese Medicine Diagnosis (Didactic 2.5 credits)

In this course, the basics of TCM history and diagnosis are studied. TCM case-history taking, including the classic ten questions and significance of elucidated symptoms, are explored, as well as TCM classic diagnostic techniques such as tongue and pulse diagnosis. The syndrome differentiation based on Eight Principles is also discussed. Prerequisites: Completion of Quarters 1-4

OMND 6030 Oriental Medicine III: Meridians and Points I

OMND 6030L Oriental Medicine III Lab

(Didactic 1.5 credits; Lab 1 credit)

OMND 6040 Oriental Medicine IV: Meridians and Points II

OMND 6040L Oriental Medicine IV Lab

(Didactic 1.5 credits; Lab 1 credit)

This two-course sequence covers the TCM acupuncture points and meridians. The location, function, and indications of acupuncture points of each meridian are studied. Practical, hands-on experience in point location occurs with the

supervision of an experienced acupuncturist. Prerequisites: Completion of Quarters 1-5; courses must be taken in sequence

OMND 7050 Oriental Medicine V: Traditional Chinese Medicine Pathology (Didactic 3.5 credits)

In TCM, treatment plans are based on symptom patterns. In this course, students will learn to identify key symptoms of the zang-fu organ patterns and the method of syndrome differential diagnosis of TCM according to zang-fu organ systems theory. Therapeutic principles and acupuncture treatments for individual patterns are also discussed. Prerequisites: Completion of 2nd year; Co-requisite to OMND 7060

OMND 7060 Oriental Medicine VI: Acupuncture Techniques OMND 7060L Oriental Medicine VI Lab (Didactic 1 credit; Lab .5 credit)

This course covers basic needling techniques used in acupuncture, such as needle insertion, tonification, reduction, moxibustion, bleeding, interdermal needles, and cupping. Practical experience in needling technique occurs under the supervision of an experienced acupuncturist. Clean needle and safe needling techniques are introduced. Prerequisites: Completion of 2nd year; Co-requisite to OMND 7050

OMND 7070 Oriental Medicine VII: Case Analysis and Management I (Didactic 2 credits)

In this course a case analysis approach illustrates the disease entities commonly encountered in clinical practice. Students translate western disease assessments into TCM syndromes. The differential diagnosis of syndromes is reviewed, along with the therapeutic principles required for acupuncture and Chinese prepared medicines. Prerequisites: Completion of Quarters 1-8

OMND 7080 Oriental Medicine VIII: Case Analysis and Management II (Didactic 1.5 credits)

This course continues the exploration that began in OMND 7070 of case analysis and management of the disease entities commonly encountered in practice. The differential diagnosis of syndromes is reviewed, along with the therapeutic principles required for effective treatment. Acupuncture protocols are emphasized, along with Chinese prepared medicines. Prerequisites: Completion of Quarters 1-9

PEDS 7010 Pediatrics I (Didactic 2 credits)

This course focuses on the assessment of common problems in infancy, childhood, and adolescence. Emphasis is on normal developmental milestones, disease prevention, and the treatment of common childhood conditions. Appropriate referral is addressed. Prerequisites: Completion of Quarters 1-8

PEDS 7020 Pediatrics II (Didactic 2 credits)

This course will be a continuation of common and complex problems in infancy, childhood, and adolescence. Disease prevention, treatment, and appropriate referral will be addressed. Prerequisites: Completion of Quarters 1-9

PHAR 6010 Pharmacology and Pharmacotherapeutics I (Didactic 2 credits)

This course focuses on the principles and mechanisms of drug action and the purpose of pharmaceutical interventions. Emphasis is placed on drugs that act on neurotransmitter systems, including adrenergics, cholinergics, anticholinergics, psychotropics, anti-Parkinson's, dopaminergics, benzodiazepines, and drugs of abuse. It includes overviews of pharmaceutical environment, legal and statutory issues, and basic terminology. Prerequisites: Completion of 1st year

ACADEMIC DEPARTMENTS AND COURSE DESCRIPTIONS

PHAR 6020 Pharmacology and Pharmacotherapeutics II (Didactic 4 credits)

This course continues the discussion of drug therapeutics, their mechanisms, and their uses. Side effects, toxicity, interaction, and contraindications are included in this course. Prerequisites: Completion of Quarters 1-4

PHAR 6030 Pharmacology and Pharmacotherapeutics III (Didactic 2 credits)

This course continues the discussion of mechanisms of pharmaceutical intervention and their uses, focusing on proper and improper treatment with pharmaceuticals. Emphasis is on conservative approaches to pharmaceutical therapies. Prerequisites: Completion of Quarters 1-5

PHMD 6010 Physical Medicine I: Introduction to Physical Medicine and Orthopedics

PHMD 6010L Physical Medicine I Lab (Didactic 1 credit; Lab 1 credit)

This course examines the study of physical medicine as a diagnostic and therapeutic tool. Students are introduced to neuromuscular technique, muscle energy technique, and craniosacral technique. Regional physical assessment using palpation, orthopedic tests, and muscle testing is emphasized. Orthopedic bio-mechanics of posture and gait are examined along with the theory of injury, inflammation, and fibrosis of repair. Prerequisites: Completion of 1st year

PHMD 6020 Physical Medicine II: Naturopathic Manipulative Treatment – Assessment & Application I

PHMD 6020L Physical Medicine II Lab (Didactic 2 credits; Lab 2 credits)

This is part one of a two-course sequence which covers the evaluation of normal and abnormal findings of the spine through static palpation assessment of normal and positional deviations, assessment of joint mobility through motion palpation, grading of orthopedic muscular strength, joint range-of-motion, differential diagnosis of common and special disorders, and evaluation of common disease conditions and injury of the musculoskeletal patient. Emphasis is on regional orthopedic physical assessment and osseous manipulation (HVLA). Manipulative evaluation and treatment includes the sacro-iliac, lumbo-sacral, lumbar, thoracic, ribs, cervical, and occipital spinal areas. Students demonstrate application of Naturopathic Manipulative Treatment and patient management of the musculoskeletal patient. Naturopathic philosophy and principles are integrated into the course presentation. Prerequisites: Completion of Quarters 1-4

PHMD 6030 Physical Medicine III: Naturopathic Manipulative Treatment – Assessment & Application II

PHMD 6030L Physical Medicine III Lab (Didactic 2 credits; Lab 2 credits)

This is part two of a two-course sequence which covers the evaluation of normal and abnormal findings of the extremities through static palpation assessment of normal and postural deviations, assessments of joint mobility through motion palpation, grading of orthopedic muscle strength and joint range of motion, differential diagnosis of common and special disorders, and evaluation of disease and injury of the musculoskeletal patient. Emphasis is on regional orthopedic physical assessment with orthopedic testing and osseous manipulation. Manipulative treatment includes the upper and lower extremities, TMJ joint and specialty visceral manipulative techniques. Students write two narrative reports for musculoskeletal conditions. Patient management of the musculoskeletal patient, including exercise will be introduced. Types of pain and mechanoreceptor stimulation with movement will be discussed. Also included is a review and refinement of spinal manipulative techniques. Naturopathic philosophy and principles are integrated into course presentation. Prerequisites: Completion of Quarters 1-5

PHMD 6040 Physical Medicine IV: Physiotherapy Modalities

PHMD 6040L Physical Medicine IV Lab (Didactic 1 credit; Lab 1 credit)

This course offers students opportunities to integrate information on physics, physiology, and indications and contradictions of the use of physiotherapy equipment. Evaluation of treatment protocols and applications of major physiotherapy modalities are emphasized. Prerequisites: Completion of Quarters 1-6

PHMD 7050 Physical Medicine V: Principles of Hydrotherapy

PHMD 7050L Physical Medicine V Lab (Didactic 1 credit; Lab 1 credit)

In this course students are introduced to the principles and practices of historical and modern therapeutic use of the application of water, including alternating temperature, colon hydrotherapy, constitutional hydrotherapy, cleansing, steam, and sweat. Prerequisites: Completion of 2nd year

PSYC 6010 Mind-Body Medicine I: Fundamentals of Mind-Body Medicine

(Didactic 2 credits) – Graded S/U

This course provides the foundation necessary to understand the fundamental dynamics of mind-body medicine, including psychosocial and spiritual dimensions in healing. Techniques such as meditation, imagery, hypnosis, therapeutic writing, "energetic" and "body-focused" psychotherapy, biofeedback, medical intuition, and shamanism are discussed and critically examined as therapeutic approaches. Prerequisites: Completion of 1st year

PSYC 6020 Mind-Body Medicine II: Introduction to Medical Psychotherapy

(Didactic 1 credit)

An overview of counseling skills and techniques is presented, along with stages in the -healing process. The multi-modal model of physician as counselor in the healing relationship is critically examined. Students will critically explore the roles of patient education, ethics, and legal issues in the doctor/patient relationship. Clinical cases will provide opportunities to develop healthy communication and counseling skills. Prerequisites: Completion of Quarters 1-6

PSYC 7030 Mind-Body Medicine III: Affect Psychotherapy and Crisis Intervention

(Didactic 1.5 credits)

Students will develop the necessary foundation and general strategies to recognize, intervene, and refer patients who are experiencing transitional, traumatic, and psychiatric disorders. Elements of family dynamics, domestic violence, death and dying, and suicide are critically explored. Legal and ethical issues related to these behavioral health dimensions are discussed. The use of agencies and referral sources is emphasized, as are crisis intervention and other strategies for dealing with emergency situations. The impact of other factors on mental health, including exercise, sleep, and pain, are also explored. Students will learn basic assessment and DSM diagnostic criteria for common mental disorders. Prerequisites: Completion of Quarters 1-6

PSYC 8040 Mind-Body Medicine IV: Medical Management of Addiction

(Didactic 1.5 credits)

This course provides a naturopathic model for care and treatment of people suffering from addiction. Students will explore health impacts of drug, food, and other addictions. Students will explore medical, psycho-social, spiritual, and biochemical/nutritional factors, and critically examine a multi-modal approach to the practice of naturopathic addiction medicine. Students will have opportunities to interact with guest speakers experienced in the field of addiction care. Prerequisites: Completion of 3rd year

ACADEMIC DEPARTMENTS AND COURSE DESCRIPTIONS

SELECTIVES (Listed in alphabetical order)

BOTM ____ Botanical Medicine in the Appalachian Mountains (Selective)

(Didactic 2.5 credits)

This is a hands-on, two-week course located in Brevard, North Carolina, and conducted at the Gaia Herb Farm. It is designed to greatly expand the student's knowledge of herbal medicine through lecture and field study, spending time with plants and discussing their preparation and use. Ric Scalzo, CEO/founder of Gaia Herbs, will lead discussions on the use of herbs growing on the farm and lecture on topics including growing/manufacturing/producing quality botanical medicines, validating strength and purity, understanding herbs from an Ayurvedic/constitutional perspective, and formulation. Local herbalists will lead field hikes identifying and discussing folk use and current use of plants native to the Appalachian Mountains. This course builds on foundational knowledge presented in the materia medica series. Prerequisites: Completion of 1st year; priority will be given to more senior students

BOTM ____ Botanical Medicine Therapeutics – Developing Clinical Proficiency (Selective)

(Didactic 2 credits)

This course is designed to prepare students for the demands of a broad-based naturopathic practice and to continue development of expertise in phytotherapy. Case studies will be utilized to illustrate the complexity of botanical prescribing. Formulation will be emphasized as a clinical strategy in conditions of multifactorial etiologies and multi-organ system disease processes. The recognition of quality botanical medicine will also be addressed. The quality and value of this course largely depends on student participation in lecture and learning exercises. Be prepared for participation in this course. Prerequisites: Completion of 2nd year

BOTM ____ Pharmacognosy & Phytochemistry (Selective)

(Didactic 2.5 credits)

This course is an overview of the study of natural plant substances. This topic will be explored through the major classes of plant constituents in order to understand the activity of plants and offer a framework for the clinical application of botanical medicine. It will cover basic plant chemistry and examine solubility and extraction, variability and synergy, as well as review biosynthetic pathways, absorption, metabolism, standardization, and concentration. The primary focus of the course is on the major categories and subcategories of phytochemicals relevant to botanical medicine and the physiological effects these constituents have on the human body. Prerequisites: Completion of 2nd year

HMEO ____ Advanced Case Management (Selective)

(Didactic 2 credits) – Graded S/U

Students focus on advanced topics in homeopathic medicine and how to integrate homeopathy with general naturopathic practice. This course is, in large measure, case based. This course emphasizes sharpening skills in case analysis; managing patients with severe, acute, and chronic conditions; and advanced study of materia medica. Prerequisites: HMEO 7040

HMEO ____ Advanced Materia Medica (Selective)

(Didactic 2 credits) – Graded S/U

Students expand their knowledge of the homeopathic materia medica, studying more than one hundred small remedies. Homeopathic therapeutics or homeopathic differentials assist students in treating and managing patients with acute and chronic illnesses. Prerequisites: HMEO 7040

NTMD 6930 Yogic and Ayurvedic Principles for Creating Wellness and Sustaining Health (Selective)

(Didactic 2 credits) – Graded S/U

Content will include lecture and small group exploration with introductory concepts of yogic and Ayurvedic philosophies surrounding the nature of

human condition. Using the chakras as a foundation, the basic tenants of Yogic/Ayurvedic anatomy and expression of mind, body, and spirit will be presented. Prerequisite: Completion of 1st year

OMND ____ Chinese Prepared Medicines (Selective)

(Didactic 2.5 credits) – Graded S/U

This course explores Chinese prepared medicines for common syndromes and disorders because the acupuncture practitioner in North America commonly uses pill or tincture forms for adjunctive therapy. This course trains the student in the skills necessary to critically evaluate the many products available. Classical Chinese patent medicines and contemporary North American Chinese prepared formulas are discussed. Prerequisites: OMND 6020, OMND 7050

PHMD ____ Orthopedic and Sports Medicine (Selective)

(Didactic 3.5 credits)

Students evaluate sports and orthopedic injuries. Emphasized are diet, exercise, soft-tissue therapies, physiotherapy, manipulative technique, and medicines used in the treatment of sports and orthopedic injuries. Prerequisite: PHMD 6030

PHMD ____ Muscle Energy and Counterstrain (Selective)

(Didactic 1 credit/Lab 0.5 credit)

This course focuses on resolving muscle spasm through the use of traditional osteopathic manipulation techniques. Emphasis is placed on the diagnosis and treatment of muscular pain and dysfunction using gentle manipulative techniques that work with only the muscles, rather than HVLA thrusts involving subluxations. Prerequisite: PHMD 6030

PSYC 6930 Stress Management (Selective)

(Didactic 4 credits) – Graded S/U

This course will allow the student to effectively identify and treat signs and symptoms of stress utilizing stress management principles and practices such as meditation, breathing techniques, movement and cognitive restructuring techniques. Prerequisite : Completion of 1st year

PSYC ____ Basic Medical Hypnosis (Selective)

(Didactic 2.5 credits)

Students will learn basic tools and general strategies to induce a hypnotic state for different kinds of patients and problems. General foundations about hypnosis, ethics, and legal aspects of its clinical therapeutic use will be discussed. Students will learn (a) how to deal with resistant patients and how to utilize any resistance and difficulty as a fulcrum to help the trance and therapeutic work, (b) different kinds of inductions and how to adapt different techniques to a client's individuality, (c) how to create a new trance induction for each patient, and (d) how to use hypnosis for different kinds of clinical problems like pain control, depression, anxiety, stress management, weight loss, childbirth, and preparation for surgery, etc. General guidelines for other problems that occur in a physician's practice will also be discussed. Ethical issues related to medical hypnosis will be addressed. Prerequisite: Completion of 1st year

PSYC ____ Foundations of Neurofeedback (Selective)

(Didactic 2.5 credits)

(A course fee applies – See Tuition and Fee Schedule, p. 14) Students receive training in the principles of neurofeedback (EEG biofeedback) and its clinical application to various brain, neurological, and psychiatric conditions such as ADHD, depression, anxiety, insomnia, addiction, and traumatic brain injury. Course includes neurofeedback history and research, EEG and electrophysiology, instrumentation, treatment planning, and experiential modules designed to familiarize the student with electrode placement and clinical applications. The course will also provide an introduction to quantitative EEG interpretation and its use to inform optimal treatment strategies. This course fulfills didactic requirements for certification from the two major certification boards in neurofeedback. Prerequisites: Completion of 1st year; Non-SCNM students must have a license to practice or be sponsored by someone who is certified in biofeedback and/or neurofeedback.

ACADEMIC DEPARTMENTS AND COURSE DESCRIPTIONS

PSYC ____ Practicum in Mind-Body Healing (Selective) (Didactic 2 credits)

Students begin utilizing methodologies and techniques of mind-body healing. Intervention techniques are applied within a clearly outlined treatment plan. The use and effectiveness of various process-oriented techniques are critically evaluated. This course will review and demonstrate the most current approaches. Students practice and develop their skills in mind-body healing. Instructor and/or guest speakers will supervise skill-building sessions and provide effective role models. Prerequisites: Completion of 2nd year

PSYC ____ Medical Biofeedback (Selective) (Didactic 2.5 credits)

Students receive training in the principles and applications of biofeedback with a focus on integrating these treatment modalities into a naturopathic medical practice. The integration of biofeedback as a complementary approach with other therapeutic procedures to address medical and stress-related health conditions will be emphasized. Students learn to use conventional biofeedback equipment and therapeutic indications. Skill labs include training in various modalities, including temperature, electrodermal activity, muscle tension, breathing patterns, heart-rate variability, and brain wave (EEG) biofeedback. Taken together with Foundations of Neurofeedback, PSYC ____, this course fulfills didactic requirements for certification boards in biofeedback. Prerequisites: Completion of 1st year; Non-SCNM students must have a license to practice or be sponsored by someone who is certified in biofeedback and/or neurofeedback.

PSYC ____ Naturopathic Treatments for Mental Illness (Selective) (Didactic 2.5 credits)

This course involves in-depth exploration of specific naturopathic approaches to the most common psychiatric disorders seen in general practice. This course will allow students to assess, synthesize and prioritize, and implement naturopathic therapies consistent with naturopathic principles. These are discussed and integrated as interventions applied within a clearly outlined treatment plan. Course content will include introduction to laboratory, common nutritional, QEEG, neuropsych, and conventional approaches to assessment of mental disorders. DSM and allopathic diagnosis and treatment for psychiatric illness will also be addressed as pertaining to the various conditions covered. Prerequisite: Completion of 1st year

RSCH ____ Directed Research Project (Selective) (Lab 1-3 credits) – Graded S/U

This course is oriented towards independent medical student projects under the direction of the research faculty. Projects may involve design, implementation, and analysis of clinical and/or bench-top research. These credits will apply towards the graduation requirements in research. Prerequisites, credits, and number of students will be determined by the instructor(s). Admittance to this class is in order of registration within the Registrar's Office until class size limit has been attained. Prerequisite: HUBI 5010, HUBI 5020, HUBI 5030

RSCH ____ Research Project (Selective) (Didactic 1 credit) – Graded S/U

This is an actual research project. Students who elect this course must design a research project, obtain a faculty advisor, and receive research advisory board/institutional review board approval to conduct the research. Successful completion of such a project as judged by the research faculty and/or publication in a peer-reviewed journal may be recognized at graduation. Prerequisite: Completion of 1st year

PROGRAMS IN POST-GRADUATE MEDICAL EDUCATION (PGME)

SCNM offers both on-site and off-site programs of post-graduate medical education programs that train future leaders of the naturopathic profession and offer the participant an opportunity to gain a wide range of clinical experiences.

All of SCNM's programs in PGME are approved by the Council on Naturopathic Medical Education (CNME). Additionally, SCNM is recognized by the CNME as an approved sponsor of distance-site programs in PGME. Upon completion of any of SCNM's PGME programs, resident graduates will receive a certificate of completion from both SCNM and the CNME. For any program located in Arizona, Arizona law requires that resident candidates must be licensed in the state of Arizona before starting the residency program.

Programs:

SCNM – Naturopathic Family Medicine

SCNM's program exposes residents to private practice, community clinics, research, and teaching environments. The residents rotate through various clinical areas working with the SCNM Medical Center's experienced medical staff, as well as with some medical specialists, in areas such as nature cure, pediatrics, women's health, rheumatology, endocrinology, dermatology, orthopedics, geriatrics, gas-troenterology, environmental medicine, cardiology, and urgent care. In addition, each resident physician will begin to develop their own medical skills under the mentorship of the SCNM Medical Center's medical staff while integrating into their repertoire a variety of therapies such as acupuncture, botanicals, physical manipulation, mind-body medicine, counseling, homeopathy, nutraceuticals, and minor surgery. When a resident has completed SCNM's program, he or she will possess a broad base of skills and experiences. This one-year program is designed for the post-graduate year one (PGY-1) candidate. After completion of this one-year program, candidates are eligible for second year programs in general medicine and specialty areas.

SCNM – Homeopathy Selective Residency Program

The SCNM Homeopathic residency is designed to develop future leaders of homeopathic medicine for the naturopathic profession. The core of the program involves refining the homeopathic knowledge base and skills acquired by the resident during medical school and 1st year residency training. This one-year residency program is designed for the post-graduate year two (PGY-2) candidate.

The components of the SCNM Homeopathic Residency are:

- A. Supervised Clinical Decision Making:** The core of the program involves refining the homeopathic knowledge base and skills acquired by the resident during medical school and 1st year residency training. This objective is accomplished by immersing the resident in a multitude of clinical experiences, including (1) serving as an on-site as well as on-call supervisor for each of the 1st year residents and the medical students supervised by these residents; (2) assisting in the clinical decision-making that occurs on student clinical clerkships; and (3) triaging patients who call the students and 1st year residents after-hours and making independent decisions regarding the care of these patients. In addition, the resident maintains a substantial private practice and receives direct supervision from the homeopathy department senior faculty.
- B. Education/Training:** The resident provides direct supervision and support for the 1st year residents with regard to homeopathic medical decisions. The resident is also involved in direct classroom teaching of medical students with the support of senior faculty.

ACADEMIC DEPARTMENTS AND COURSE DESCRIPTIONS

C. Scholarly Activity: There is a requirement for scholarly activity. It is achieved by studying essential works of classical homeopathic literature and discussing it with homeopathy department senior faculty. The resident may also participate in direct clinical research. The resident participates in the educational planning process of the homeopathy department at SCNM. The resident is also responsible for producing homeopathic continuing education materials or presentations for the professional community.

D. Specialty Clinical Exposure: The resident spends one clerkship a week shadowing a specialist in an area of interest to the resident.

SCNM – Pediatrics Selective Residency Program

The pediatric residency program offers an opportunity for the naturopathic physician to focus in the field of naturopathic pediatrics. The resident works with other physicians in both naturopathic and conventional pediatric medicine. Other responsibilities include participating in research, publication, and community service. The resident may also enhance their skills as a teacher by supervising student clerkships. In addition, clerkships for private practice will be provided to the resident, which will help them learn how to work independently as a pediatric physician. This one-year residency program is designed for the post-graduate year two (PGY-2) candidate.

Distant Residency Sites

Centro de Salud Familiar in Phoenix, Arizona, an acute care setting:

This two-year residency provides the graduate with experiences in a fast-paced walk-in family medicine/urgent care setting with a wide variety of pathology and the opportunity to study and use the Spanish language. The clinic averages 40-50 patients per day, of which 85% speak Spanish. The vast majority are working, uninsured, primarily Hispanic patients. Sixty percent of the visits are for gynecology or prenatal care. The resident will also provide care for pediatric patients and do minor surgery procedures weekly. Seventy percent of the resident's training will be in primary care medicine. This two-year program is designed for the post-graduate year one (PGY-1) candidate.

Alaska Center for Natural Medicine in Fairbanks, Alaska, a naturopathic family practice:

This is a general medicine residency which provides training for the resident to 1) observe and participate in the development of new knowledge, 2) learn to evaluate scientific research, and 3) develop habits of critical thinking. The program is designed to build on skills learned in school with an emphasis on health optimization. Patient participants will be treated by the resident doctor who follows an established protocol under the guidance of the Residency Director. This will include lab testing, metabolic typing, nutritional counseling, and the use of supplements. The goal of the residency program is to cultivate confidence as a doctor and an entrepreneur for a lifetime of success. This one-year program is designed for the post-graduate year one (PGY-1) candidate.

ACADEMIC POLICIES

SCOPE OF PRACTICE

The legal aspects of practicing naturopathic medicine vary by state in the US and by province in Canada. In those states and provinces in which naturopathic physicians are licensed, NDs may see patients for general health care and for the diagnosis and treatment of acute and chronic conditions. Their scope of practice may include nutritional science; botanical medicine; naturopathic manipulative therapies and other physical medicine; Oriental medicine; homeopathy; mind-body medicine; natural childbirth; minor surgery; prescriptive authority, including immunizations; and all methods of laboratory, x-ray, and clinical diagnoses. The State of Arizona offers the widest scope of practice for naturopathic physicians in the United States.

PRACTICING WITHOUT A LICENSE

In Arizona practicing naturopathic medicine without a license involves the diagnosis or treatment of any patient by an unsupervised naturopathic medical student or any other unlicensed person where money may or may not be exchanged.

Naturopathic medical students are held to a higher standard than the general population. It is understood that naturopathic medical students must practice skills in order to become minimally competent for graduation. The practice of skills such as history taking or homeopathic case taking are less concerning than the practice of skills such as digital rectal exams, gynecologic examinations, minor surgery, injections, manipulative therapies, and IVs. The difference lies within the relative risk to the public. There is higher risk to the public with the practice of an IV as compared to the risk to the public with the practice of taking a history. Additionally, the quality of the educational experience is of the utmost importance. In general, supervision of skills enhances the quality of the learning experience. Thus, the practice of skills that pose a greater risk to the public is to be done in the Directed Skill Development Laboratory (DSDL), Clinical Skills Development Lab (CSDL), and Clinical Skills Development Rotation (CSDR). This includes:

- Naturopathic manipulative treatment (NMT) must be practiced in a supervised practice lab. Orthopedic tests, palpation, soft tissue techniques, and NMT “set-up” are exempt and may be practiced without supervision.
- Acupuncture must be practiced in a supervised lab. OSHA requires that acupuncture be done utilizing clean technique and in a room with no carpet. Standard of Care requires a count of “needles in” and “needles out,” which must be documented. Point identification, palpation, and acupressure are exempt and may be practiced without supervision.
- Minor surgery, injection therapies, and IV therapies, outside of classroom activities, must be practiced at the SCNM Medical Center under the supervision of a licensed physician.

EDUCATIONAL PROGRAM

Academic Coursework

The Doctor of Naturopathic Medicine program has been developed to ensure that students have the opportunity to build a strong foundation and to demonstrate competency in each major modality, including acupuncture and Oriental medicine, botanical medicine, homeopathic, mind-body and physical medicine, environmental medicine, and nutrition. Laboratory classes include dissection of cadavers, physical exams, palpation, manipulation, acupuncture, hydrotherapy, microbiology, histology, preparation of herbal medicines, and the use of simulation models. Didactic classes include traditional and adult learning classroom teaching methods, group projects, and experiential coursework.

ACADEMIC SUPPORT

Doctorè Development Center (DDC)

The Doctorè Development Center (DDC), founded in memory of Dr. Thomas Richards, is a formal tutoring center staffed by students in good academic standing. Tutors provide one-on-one tutoring in a structured environment, helping with specific course content, study skills, time management, and general advice for students struggling with the intensity of the program. The Office of the Dean of Medical Education facilitates the DDC. This includes oversight of tutor selection, orientation, scheduling, and communication between tutors, students, faculty, and administration.

Directed Skill Development Laboratory (DSDL)

The Directed Skill Development Laboratory (DSDL) supports and advances the safe and effective clinical skills development of SCNM students through directed laboratory learning experiences. The DSDL supports the development of the professional standards necessary for students to become competent and effective naturopathic physicians. The DSDL laboratories are usually conducted at times outside normally scheduled classroom and laboratory periods.

Students are only allowed to participate in active skill development in the modalities for which they have successfully passed the specific course(s) and laboratory(ies) related to each specific modality. Modalities to be covered include osseous manipulation, acupuncture needling, infusion, injection, and phlebotomy. Students are expected to sign into and out of the DSDL and to complete appropriate liability waiver forms. All SCNM students are encouraged, as they become eligible, to take advantage of the DSDL.

Clinical Skills Development Lab (CSDL)

The Clinical Skills Development Lab (CSDL) is offered to students to support and advance clinical skills development in conjunction with physical diagnosis, clinical assessment and clinical sciences courses. Prior to entering the clinic, students have the opportunity to develop and practice their clinical skills in the CSDL by using simulation models that represent numerous body systems to include pulmonary, cardiac, genitourinary, gynecology, and pediatrics. The lab offers an opportunity for faculty to refer students for remediation or additional practice in developing specific clinical skills. The CSDL is conducted outside normally scheduled classroom hours.

Clinical Skills Development Rotations (CSDR)

The Clinical Skills Development Rotation (CSDR) is designed to develop clinical students in the areas of case taking, physical exams, case analysis, charting, differential diagnosis, diagnostic work up, treatment plan, and patient interaction. The CSDR offers an opportunity for clinical faculty to refer students for remediation, or students may participate on a volunteer basis. The CSDR also provides students an opportunity to prepare for the clinical milestone exams. Although the CSDR is scheduled at the SCNM Medical Center as a clinical rotation, students practice their skills on each other and standardized patients and do not have real patient interactions.

CLINICAL EDUCATION EXPERIENCE

Clinical experience begins in the first year and continues throughout the program. Experiences include introduction to clinical practice, clinical practice skills lab, field observation, laboratory posts, medicinary posts, specialty clinics, clinical milestone exams, and clinical clerkships. As students progress through the program, they gain greater clinical knowledge and more advanced clinical skills. Students begin their clinical experience in an observational role and then work with standardized patients during clinical practice skills lab and in the clinical milestone exams. As they progress through their clinical training and

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demonstrate competence, they assume a more active role in patient care under the direct supervision of a licensed physician.

Students complete a total of 1,296 contact hours (108.5 credits) in clinical training which exceeds the standards set by the CNME. In SCNM's clinical experience curriculum, no more than 5 credits may be field observation, and of the 101.5 credits of direct patient care, no more than 25 credits may be with a non-ND supervising physician. Supervising physicians must hold an active license in the US or Canada. For a description of the various clinical clerkships and posts, *please see Course Descriptions* of this catalog or contact the Registrar's Office.

In order to complete clinical training and meet graduation requirements, a student must:

- Complete 101.5 credits of clinical clerkships, 5 credits of field observation, 1 credit of lab post, and 1 credit of medicinary post, for a total of 108.5 credits
- Have at least 700 patient contacts (at least 225 in a primary capacity)
- Complete the student clinical competencies
- Complete and pass the Clinical Milestone Exams

All students are expected to follow current clinical policies and procedures as outlined in the Clinical Handbook. This includes maintaining a current clinical training certificate from the Arizona Naturopathic Physicians Board, a current CPR certification, current TB screening, current Hepatitis B information and any other health-related information. The Clinical Handbook is available on MySCNM (<http://my.scnm.edu>).

(Refer to the complete list of graduation requirements under Academic Policies and Graduation Requirements.)

ELIGIBILITY FOR FIELD OBSERVATION

In order to be eligible to participate in field observation, students must:

- Complete 1st year of academic program including a passing score on the CLPR 5030 Standardized Patient Exam
- Apply for and receive a clinical training certificate from the Arizona Naturopathic Physicians Medical Board
 - It is important to note that the clinical training certificate must be renewed annually for the duration of a student's clinical training. Students who fail to renew their clinical training certificate are ineligible to continue their clinical training until such time that the clinical training certificate has been renewed.
- Pass a mandatory drug test
- Complete CPR training
- Complete Hepatitis B information and TB screening

ELIGIBILITY FOR CLINICAL CLERKSHIPS

In order to be eligible to participate in the clinical training program at SCNM, students must:

- Complete 2nd year of academic program
- Pass the Clinic Entry Exam

- Take NPLEX I or comply with existing NPLEX policy
- Maintain a current clinical training certificate from the Arizona Naturopathic Physicians Medical Board.
- It is important to note that the clinical training certificate must be renewed annually for the duration of a student's clinical training. Students who fail to renew their clinical training certificate are ineligible to continue their clinical training until such time that the clinical training certificate has been renewed.
- Provide the Registrar's Office with a current copy of a CPR card, Hepatitis B information, TB screening, and any other required health information
- Pass a mandatory drug test

For details/requirements, please refer to the Clinical Handbook.

All students, including transfer students and students with advanced standing, must meet these requirements. Previous enrollment in a clinical training program at another naturopathic college or other medical college does not allow the student to enter SCNM's clinical training program without meeting all of the above requirements.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

This federal law provides that eligible students have access to their educational records for inspection and review; further, this law protects the rights of a student to privacy by limiting access by others to education records without express written consent of the student.

SCNM may release information from an education record without the consent of the student to officials of another college or university where the student seeks or intends to enroll, as permitted by FERPA SS99.31 (a) (2).

SCNM may release information from an education record without the consent of the student to another educational institution in which the student is enrolled. For example, SCNM may release academic records for a "dual enrollment" without prior written consent of the student (FERPA SS99.34 (b)).

SCNM may disclose information from an education record without the consent of the student if the information is necessary to protect the health or safety of the student or other individuals (FERPA SS99.36).

Students have the right to review and inspect their education records, including their application, except for confidential recommendations. Photo identification must be presented before access to education records will be permitted. An appointment must be made with the Registrar's Office to access an education record.

Directory Information

SCNM may release information that has been defined under the Directory Information provision of FERPA. SCNM defines directory information as name, address, photo, phone number, e-mail address, dates of attendance, program of study, degree conferral date, enrollment status, grade level, and degree/awards earned. Forms are available at the Welcome & Enrollment Center for a student to request that SCNM withhold all directory information.

Proper Disclosure

Student information of a private, personal, or confidential nature that is provided to SCNM faculty and staff will not be disclosed improperly. The faculty is expected to provide accurate evaluations of students. For the purposes of

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monitoring and recording student progress, evaluations include the strengths and weaknesses of academic, clinical, communication, and professional skills. The evaluations also include observations and opinions regarding academic effort and professional conduct. Although not required, faculty and staff may provide judgments of a student's abilities and character to others in appropriate circumstances in accordance with the SCNM policy on student records.

CHANGE OF NAME

The name used by a student on all educational records, including their diploma, must be the student's legal name. To change the name reflected on student records, a student must complete the name change form and provide one of the following legal documents to the Registrar's Office:

- A copy of the student's social security card
- A certified copy of a court decree dissolving a marriage/restoring maiden name
- A certified copy of the court order directing a change of name
- A motor vehicle driver's license issued by the state of Arizona

The student's request is recorded after all materials are submitted. Changes to the permanent student record occur at the end of the quarter in which the request was made. No changes are made to a student's academic record following graduation and posting of the degree.

ENROLLMENT POLICY

Once matriculated, a student must be continuously enrolled unless the student is taking an approved leave of absence. Full-time enrollment is defined as being enrolled for a minimum of 12 credits (didactic and/or clinical). Part-time enrollment is defined as being enrolled for a minimum of 6 credits but less than 12 credits. Students on financial aid who do not meet the full-time enrollment minimum must meet with the Office of Financial Aid. Students may not register for less than 6 credits unless approved by the Registrar. Based on the number of credits transferred, the completion time for advanced standing and transfer students varies and will be determined before matriculation. SCNM does not guarantee the length of the program to be less than four calendar years.

International students attending SCNM on an I-20 must maintain full-time enrollment at all times. The only exception could be in their last quarter before graduation. They may fall below 12 credits at this time with no prior approval from the Dean of Students. Please direct any questions regarding international student status to the Dean of Students.

Students may not take classes in advance of their program nor exceed the predetermined number of clinical clerkships as outlined in the Clinical Handbook without the approval of the Academic Progress Committee. Students are not allowed to attend, nor will credit be awarded for courses, for which they are not registered. Students will not be allowed to have concurrent enrollment or register for courses for which they do not have prerequisites or co-requisites without prior approval from the Academic Progress Committee.

SCNM confers degrees only following the end of each academic term. SCNM does not guarantee the award of the degree to students enrolled in the program. The award of degrees is conditioned upon satisfaction of all current degree and instructional requirements at the time of such award, compliance with SCNM regulations, as well as performance and conduct meeting bona fide expectations of faculty. No member of the faculty is obliged to provide students or graduates with an evaluation or letter of recommendation which does not accurately reflect that faculty member's true opinion and evaluation of the student's academic performance and conduct.

CLASS SCHEDULES

Current schedules and information will be posted online on MySCNM (<http://my.scnm.edu>) and are also available at the Registrar's Office. Classes are held between 8 a.m. and 9 p.m. weekdays, although some are scheduled during a weekend or in an intensive (2 ½ or 5 day) format. Once a schedule is released, changes will be made only in the event of extreme circumstances.

INTENSIVE COURSES

An intensive course is offered in a shortened time period. Intensives may be scheduled as a 5-day format or over a weekend, with classes beginning Friday evening and continuing Saturday and Sunday. Every effort is made to minimize the scheduling of required weekend intensives.

AUDIT

Students may audit a course if they have met the course prerequisites and have registered for the course. When auditing a course, students do not earn a grade, nor do they receive credit. Courses taken as audit will appear as an AU on the student's official transcript. A student may not audit and then take or challenge a course for credit. Additionally, students cannot audit laboratory courses or elective/selective courses. (See Tuition and Fee Schedule, p. 14)

DIRECTED STUDY

Directed study is available in rare circumstances and on a case-by-case basis. A student may participate in a directed study only if he/she is making satisfactory academic progress. Directed study must be supervised by a faculty member. A directed study proposal must be approved by the faculty member, department chair, and the Dean of Medical Education. (See Tuition and Fee Schedule, p. 14).

ATTENDANCE

Students are expected to attend all classes, laboratories, and clinical clerkships. It is the faculty member's prerogative to determine attendance requirements for lecture sessions. Attendance requirements are stated in the course syllabus. Attendance at laboratories and clinical clerkships is mandatory.

Students receiving Title IV financial assistance including assistance from the Veterans Administration (VA), are responsible for meeting VA and/or applicable federal aid attendance requirements.

STUDENT COURSE EVALUATIONS

Students are required to complete a course evaluation at the end of each course. The Office of the Dean of Medical Education tabulates the information from these evaluations and provides the results to SCNM Faculty and Administration. The purpose of the course evaluation is to provide opportunities for administration and faculty to adjust courses and/or instructional approach, and to enhance the learning environment.

ACADEMIC ADVISING

The Academic Advising Specialist offers systematic academic advising throughout the entire academic year, and appointments are strongly encouraged. Each student's academic progress is evaluated on a quarterly basis by the Registrar's Office. Students are encouraged to meet with the Academic Advising Specialist to assist with academic and professional development issues as needed.

REGISTRATION

Pre-registration

Students with advanced standing and transfer credits are considered special schedule students. These students are required to meet with the Academic Advising Specialist each quarter during the designated preregistration period to develop a schedule for the next quarter. Students failing to pre-register before the first day of registration will be subject to the late registration fee (see Tuition and Fee Schedule, p. 14). Special schedule students must also final register on line during the posted registration times.

Registration

New students will provide two forms of identification—such as driver’s license, Social Security Card, or passport— at orientation prior to registration. Registration is available to students online 24/7 during the open registration period. Registration dates are published in the academic calendar unless posted otherwise. Students who register after the scheduled registration period will be charged a late registration fee (see Tuition and Fee Schedule, p. 14). Registration is the responsibility of the student. Students must make arrangements if they are unable to register during posted times by contacting the Registrar’s Office. Students may not register for courses after the second week of classes. Students who fail any course will be withdrawn from the post-requisite course(s) and must meet with the Academic Advising Specialist to amend their registration. Students must have the required prerequisites or co-requisites to register for the next quarter’s courses. Students must be final registered for classes in order to attend.

Registration Holds

A registration hold may be placed on a student’s record to prevent the student from registering for classes in future quarters for financial, administrative, or academic reasons. Any registration hold must be resolved before a student is allowed to register.

ADDING AND DROPPING COURSES AND CLINIC ROTATIONS

Academic Courses

SCNM uses a track program. Any student seeking to depart from the track schedule must receive approval from the Academic Advising Specialist and the Academic Progress Committee. Schedule changes requested after the start of a quarter are only permitted as detailed below:

- Selectives and intensive courses may be added up until the first day of class but may not be dropped after the first class. Tuition paid for elective/selectives and intensive courses will not be refunded after the first day of class.
- Courses may be added, dropped, or changed to audit only during the first two weeks of the quarter (add/drop period).
- Special schedule students who wish to add or drop a course must submit an add/drop form to the Registrar’s Office after meeting with the Academic Advising Specialist.
- Students who are on federal financial aid and whose reduced course loads change their enrollment status from full-time to part-time must meet with the Financial Aid Specialist.
- Courses may only be added in week two with the permission of the instructor.

- Students dropping a course after the census date (end of week two) may impact their academic performance/academic progress.
- Courses may be dropped during the third or fourth week of the quarter only with the permission of the faculty member and the Academic Advising Specialist; courses dropped during this period will result in a grade of WD (withdrawal) on the student’s official transcript; courses taken again after a WD grade was earned for that course will be noted as a repeat on their official transcript.
- Following the fourth week faculty will assign a grade of WD if the student is passing the course at the time the course is dropped. However, the student will receive a grade of “fail” or “unsatisfactory” if the student is failing the course or if the faculty member cannot certify that the student was passing the course at the time of the withdrawal, or is administratively assigned if no grade is submitted by faculty prior to the end of the term’s grading period.
- Changes made to a student’s schedule may result in appropriate tuition and/or fees be applied to their account. (See *Tuition and Fee Schedule*, p. 14)

Clinical Clerkships

An add/drop fee will be charged for any clerkship changes after the clinic add/drop week has ended (see Tuition and Fee Schedule, p.14). Students are not able to drop clerkships after the clinical add/drop period without approval from the Academic Progress Committee. Students awaiting decisions are required to attend assigned clerkships and meet current clinic policies until otherwise notified in writing.

Clinical students must refer to the Clinical Handbook regarding policy for adding and dropping clerkships.

Refund Policy/Drop Courses (refer to page 39)

TESTING AND EXAMINATIONS

Examination Standards

When taking examinations, students:

- Are required to leave all books and other aids in an inaccessible spot, which is usually in the front of the room or in their locker (exception: open-book tests).
- Must refuse to assist other students in cheating.
- Should encourage honesty and discourage dishonesty among other students.
- Must ensure that their line of sight does not cause suspicion of cheating and should not look in the direction of another student’s papers during examinations.
- Should place as much space between themselves and other students as possible.
- Are not allowed to talk to each other during an examination.
- Are encouraged to use a blank sheet of paper placed over their work and take the initiative to prevent others from copying their work.
- May not leave the room and return to the test, or hand test/papers to faculty/proctor without express permission.

ACADEMIC POLICIES

Students speaking to one another or appearing to engage in academic dishonesty during an exam will have their exams confiscated, will receive an automatic zero for the examination, and may be subject to disciplinary actions. (For more information, see SCNM Student Handbook section on integrity and academic honesty.)

Final Examinations

Final examinations will be conducted at the conclusion of every quarter during the period designated in the academic calendar. A final examination schedule specifying days and times for each course will be established and published each quarter by the Academic Coordinator. All final examinations must be conducted according to the schedule. Exceptions to this schedule are only made for conflicts that may arise for students (this requires verification from the Registrar's Office), for required or approved take-home final exams, or for special projects that will be due during the appropriate period set by the faculty member. A student may not take an examination at other than the designated time without petitioning and being granted permission to do so by the faculty member. The appropriate form will be available electronically on MySCNM. Special exam fee(s) apply. (See Tuition and Fee Schedule, p. 14).

Missed Examinations

Students are expected to sit for all examinations at the scheduled time and day. This includes academic and clinical tests, quizzes, midterms, and finals. As a standard policy, SCNM does not allow students to retake any examination. Students who miss an examination will be assigned a grade of zero for the examination. If students know ahead of time they will miss an examination, it is up to the student to directly inform the faculty member teaching the course of their absence at least one day prior to the administration of the examination. If such contact is not reasonably possible, the student must contact the professor as soon as possible after the examination and attempt to work out a solution with the faculty member. In both cases, written justification (doctor's note, etc.) with appropriate documentation must be provided to the faculty member. If the faculty member determines there were rare and extenuating circumstances (i.e., serious illness, accident, etc.) which prohibited the student from both attending the examination and from informing the faculty member one day prior to the examination, then the faculty member has the authority to offer a make-up examination to the student. Students who are not allowed to make up a missed examination and believe they were not provided fair treatment by the faculty member can utilize the normal grade appeal and/or grievance procedures.

Students providing a legitimate, acceptable reason to be excused from taking a regularly scheduled final examination can be given an opportunity to sit for an alternatively scheduled examination that must be different in content than the originally scheduled examination. The student must contact the relevant faculty member prior to the regularly scheduled examination to discuss the need to be excused and to take the examination at an alternative time. The student must also pay the special examination fee (see Tuition and Fee Schedule, p. 14). Abuse of this policy and privilege will result in the privilege being withdrawn.

Challenge Examinations

Students may apply to take a challenge examination if they have taken a similar course or show evidence of other relevant experience that is determined by the Academic Advising Specialist to be of similar content and level of the course being challenged. A syllabus or other relevant documentation is required for evaluation. The challenge exam applies only to the course being challenged and may not be used for another course.

Students must be enrolled in the course that they plan to challenge. The Application for Challenge Exams must be submitted no later than the first week of the quarter in which the challenge course occurs. Applications are available in the Academic Advising Specialist's office and at the Welcome & Enrollment Center. Eligibility is determined on a case-by-case basis by the Academic Advising Specialist, Department Chair, and/or faculty. The challenge process must be completed by the end of the third week of the quarter in which the

course is offered. Students are required to enroll and attend the course until the challenge exam is completed and accepted. Students may challenge a course only once. If a student fails the challenge exam, the student must complete the course. Course credit given through passing a challenge exam will be reflected as a grade of Satisfactory (S) on the transcript. Challenge exam fee(s) apply. (See *Tuition and Fee Schedule*, p. 14).

Students who are denied the right to take a challenge exam may formally appeal a denial in writing through the office of the Dean of Medical Education. Enrolled students are not eligible to take a challenge exam in a course they have previously failed. Students on academic probation or academic warning are not eligible to take challenge exams. Clinical credits cannot be challenged. Non-degree students cannot challenge a course.

GRADING SCALE

Faculty is required to provide students with a course syllabus that outlines course requirements, including methods of evaluation which assess mastery of course content. Clinical clerkships and lab/medicinary posts are graded satisfactory/unsatisfactory (S/U).

Courses graded with an S/U have no effect on GPA and are noted in the course description section of the catalog.

Grade Point Averages (GPA)

The GPA for each quarter is calculated by multiplying the point value of the grade received (see table below: A=4, B=3, etc.) by the number of credits for each course. To calculate the GPA, add the credits; add the grade points, and divide the total points by the total credits. Grades of satisfactory/unsatisfactory, withdraw, or incomplete are not included in the GPA. The same principle applies to the cumulative GPA reflected on the transcript. If a course is repeated, all grades earned are used in determining the GPA. Grades received at another institution are not included in the SCNM GPA.

GRADE	DESCRIPTION	POINTS	PERCENTAGE
A	Outstanding	4	90-100%
B	Very Good	3	80-89%
C	Average	2	70-79%
F	Fail	0	69% or less
AU	Audit		Taken/Information
I	Incomplete		Additional work required
S	Satisfactory		Pass/Credit Earned
T	Transfer		Graduate transfer
U	Unsatisfactory		Fail/No Credit Earned
WD	Withdrew		Withdrew course
WV	Waive		Requirements waived
WIP	Work/Progress		Continuing Course

Academic Honor List

A full-time student who earns a quarter GPA of 4.0 shall be placed on the honor list for that quarter and will receive a letter from the Executive Vice President of Academic and Clinical Affairs. Students are not eligible for the honor list in any quarter in which they receive an "I" incomplete or a "U" unsatisfactory grade. When an "I" is resolved, however, students who are otherwise eligible shall be added retroactively to the academic honor list for that quarter.

Grade Reports

Grade Reports are available within two weeks of the end of the quarter. Grades are considered a part of the student's educational record and will not be released to anyone other than the student or posted in any personally identifiable form. Grade reports are available upon request through the Registrar's Office and online through MySCNM.

Grade Appeal Procedures

Grade appeals must be initiated no later than five (5) business days from when grades are issued.

First Appeal

The student must submit an appeal in writing to the course faculty within five (5) business days of the posted grade. The first stage of a grade appeal process will be a meeting between the student and the course faculty. At that time, the student will have an opportunity to voice concern(s) about the grade received. The course faculty may elect to obtain additional information to further evaluate the student's concern(s) and would ultimately decide whether to maintain the original grade or submit a grade change form to the Registrar. A written notification of the decision will be provided to the student from the faculty within five (5) business days.

Second Appeal

If the grade appeal is denied by the course faculty, the student may appeal in writing to the appropriate Department Chair within five (5) business days of notification of denial from course faculty. Should the course faculty also be the Department Chair, the student may make the second appeal to the Dean of Medical Education. The Department Chair or Dean may make a decision regarding the grade appeal with or without meeting the student directly. If a meeting is granted, the Department Chair or Dean may also request the course faculty be present for this meeting. The student will again have an opportunity to voice concern(s) about the grade received. The Department Chair or Dean will have the chance to review the criteria by which the final grade is determined. The Department Chair or Dean may elect to obtain additional information to further evaluate the student's concern(s) and would ultimately decide whether to maintain the original grade or submit a grade change form to the Registrar. A written notification of the decision will be provided to the student within five (5) business days.

Final Appeal Process

If the grade appeal is denied by the Department Chair or Dean, the student may appeal to the Academic Progress Committee (APC). The student must submit an appeal request to APC within five (5) business days following notification. The student will be asked to provide information regarding the grounds for the grade appeal. After consideration the APC will advise the Registrar of any changes. The decision of the APC is final.

Grade of Incomplete

When extenuating circumstances (i.e., serious illness, accident, etc.) prevent the student from completing the course / clerkship prior to the end of the academic term, a student may be eligible for a grade of incomplete from the faculty member teaching the course. In such cases, a student requesting an Incomplete must submit an request for grade of incomplete form to the faculty member provided the student is passing the course at the time of the incomplete and

has satisfactorily completed at least 70% of the didactic course or clerkship attendance requirements.

The student must complete the course/clerkship by the end of the third week of the following quarter unless an extension is granted by the faculty member. All incompletes must have a final grade submitted by the faculty member no later than the end of the following quarter with the exception of documented medical or military leave as noted below.

Under no circumstances may any student receive an incomplete grade after taking the final exam in a didactic course. It is the responsibility of the student to complete and submit the remaining work before the assigned deadline. Upon submission of the completed work, the faculty member submits a grade change, converting the Incomplete to a letter grade. If the student does not meet the deadline, the Incomplete will automatically be converted to a final grade of Fail or Unsatisfactory. Students on documented medical leave or military leave may carry the Incomplete for four academic quarters. If the student does not return to classes within four quarters, the Incomplete will change to Withdrawal.

Grade of Fail or Unsatisfactory

Grades of Fail, "F," or the equivalent, Unsatisfactory, "U," can seriously affect the student's academic progress and the student's eligibility for financial aid. An "F" in a prerequisite for other courses precludes the student from entering those courses until the "F" has been rectified. In order to rectify the grade of "F," the course must be repeated at the next available offering. A course may be repeated one time only. Both the original "F" and the grade given in the repeated course appear on the student's transcript. If a second "F" is earned for the repeated course, the student may be academically dismissed.

NPLEX BOARD EXAMINATIONS

The licensing of naturopathic physicians to practice medicine is a function of an individual state or province. The states and provinces that license naturopathic physicians recognize the North American Board of Naturopathic Examiners (NABNE), which certifies candidates as eligible to register for the licensing exam that is administered as the Naturopathic Physicians Licensure Examination (NPLEX). It is the student's responsibility to be familiar with NABNE and NPLEX policies and procedures.

SCNM considers the NPLEX Parts I and II to be significant measures of professional achievement toward becoming a naturopathic physician.

Student performance on the NPLEX examinations provides the faculty and administration an external measure of the level of understanding students have in a broad number of subject areas. This performance offers SCNM important information on curricular content and teaching methodology. Student scores also provide SCNM and the patients they see with a level of assurance that they can perform with basic competency as student doctors.

In order to apply to take the NPLEX, students must have satisfactorily completed all basic science coursework in order to be certified by the Registrar's Office to sit for the exam. It is required that all students give SCNM a copy of their NPLEX application form on which they direct NABNE to send their NPLEX exam scores (Parts I & II) to SCNM.

NPLEX Part I

Students are required to take NPLEX Part I to be eligible to participate in the clinical training program. Students must take the NPLEX Part I at the first offering of the exam immediately following their 6th quarter or completion of the basic science courses, whichever comes first. Students who do not pass NPLEX Part I must take it again at the next offering. In order to register for clinical clerkships, all students must submit the original examination results from NABNE each time it is taken.

ACADEMIC POLICIES

Students who do not pass NPLEX Part I must, within two weeks of receiving their NPLEX scores, meet with the Academic Advising Specialist, the Dean of Students, and the Dean of Medical Education to develop a remediation action plan designed to improve their ability to pass the NPLEX Part I at the next attempt. All plans will be presented to the Academic Progress Committee for final approval.

Students re-taking NPLEX Part I who fail the exam are required to meet with the Academic Advising Specialist at least once a quarter and to meet at least twice yearly with the Dean of Students and the Dean of Medical Education to report their progress.

Students who fail the NPLEX Part I more than three times may be subject to suspension or to other stipulations deemed appropriate by the Academic Progress Committee. Appeals to any part of this process follow the normal SCNM Grievance Procedures. This policy applies to all students, including advanced standing students, unless they have been granted a waiver from NABNE.

NPLEX Part II

Passing NPLEX Part II examination is not a graduation requirement of SCNM, but it is required to become licensed. Students should be aware that NABNE may modify its policies and procedures at any time. It is the student's responsibility to be aware of NABNE/NPLEX policies and procedures.

ACADEMIC PROGRESS COMMITTEE (APC)

The Academic Progress Committee is comprised of faculty, administration, and staff members who are appointed by the Executive Vice President of Academic and Clinical Affairs. The APC makes academic decisions regarding students' progress through the program. The decisions of the APC are final with the exception of decisions regarding academic dismissal which may be appealed to the Executive Vice President of Academic and Clinical Affairs.

STANDARDS OF SATISFACTORY ACADEMIC PROGRESS

SCNM is committed to excellence in educational quality and learning outcomes by providing a supportive academic environment to students. Federal regulations require SCNM to develop and apply a consistent policy of academic progress, which includes a quantitative measure (credit hours completed) as well as a qualitative measure (grade point average). To make satisfactory academic progress, SCNM students must take and successfully complete a cumulative number of required credits by the end of every calendar year (see Academic Minimum Requirements Table p. 40) and must maintain a career GPA of 2.0 or higher. Failure to maintain either of these requirements will result in the student being placed on academic probation and/or being academically dismissed. SCNM reserves the right to make rare exceptions to this policy for extenuating circumstances, such as injury, illness, or death of a family member, via the Office of the Executive Vice President of Academic and Clinical Affairs.

AT RISK FOR UNSATISFACTORY ACADEMIC PROGRESS

SCNM students have the responsibility to recognize when they are experiencing academic difficulties and to initiate requests for assistance. Students are encouraged to seek assistance from their faculty members, academic advisors, and the Dean of Students. When a student's class attendance, demonstrated competence, and/or rate of academic progress indicates he or she is not succeeding in a course, the faculty member is required to discuss the situation

with the student and to report the student's concerns to the Dean of Students and the Dean of Medical Education. The Deans will then connect the student with the appropriate resources to support his/her success. These may include, but are not limited to, support from peer mentors, tutoring services, and counseling.

ACADEMIC PROBATION

First Academic Probation

A student is subject to academic probation and/or dismissal if:

1. The student's cumulative GPA falls below 2.0 or
2. The student does not meet the minimum academic requirements (see p. 40) or
3. The student fails a course during their enrollment at SCNM or
4. The student fails to meet the Technical Standards of Admission as outlined in the catalog.

Students placed on first academic probation will receive notification from the Registrar's Office along with a notation on their transcript and will be required to meet with the Academic Advising Specialist for recommendations on how to improve their academic performance. Students are encouraged to meet with the Deans to obtain additional academic assistance.

Students on probation who plan to continue the program at SCNM will be required to complete the Remediation Program established by SCNM prior to reentry into the full-time program of study. During this period, the student may be placed on a Leave of Absence (LOA) and therefore may not be eligible for financial aid. The student may be eligible to reenter the program of study as determined by the APC and SCNM's LOA policy as outlined in the catalog.

The Academic Probation notation remains on the student's transcript indefinitely. Students return to good standing when their cumulative GPA returns to 2.0 or higher and/or they pass previously failed course or courses.

Second Academic Probation

Students are placed on a second and final academic probation if:

1. The student's cumulative GPA falls below 2.0 for the second time or
2. The student does not meet the minimum academic requirements (see p. 40) or
3. The student fails a course while being on the first academic probation or
4. The student fails to meet the Technical Standards of Admission while on the first academic probation.

Students on academic probation for the second time will receive notification from the Registrar's Office along with a notation on their transcript and will be required to meet with the Academic Advising Specialist and the Deans to discuss an academic agreement intended to improve performance. The Academic Advising Specialist will report recommendations to the Academic Progress Committee (APC) to review and make additional recommendations as deemed necessary.

Students on probation who plan to continue the program at SCNM will be required to complete a Remediation Program established by SCNM prior to reentry into the full-time program of study. During this period, the student may be placed on a Leave of Absence (LOA) and therefore may not be eligible for financial aid. The student will be eligible to reenter the program of study as determined by the APC and SCNM's LOA policy as outlined in the catalog.

ACADEMIC SUSPENSION

A student may be subject to suspension due to the same reasons for academic dismissal (see below). The Academic Progress Committee makes the decision for suspension or permanent academic dismissal. Except where prior approval has been granted by the Dean of Students, a suspended or dismissed student will not participate in any SCNM-sponsored activities and will be barred from the College's property during the suspension period and/or after dismissal.

ACADEMIC DISMISSAL

Students demonstrating unsatisfactory academic progress will be considered for dismissal. While on academic probation for the second time, a student will be considered for dismissal if:

1. The student's cumulative GPA falls below 2.0 or
2. The student does not meet the minimum academic requirements (see p. 40) or
3. The student fails a course or
4. The student fails the same course for the second time during any portion of their enrollment at SCNM (a course includes any didactic class and clinical clerkship) or
5. The student fails to meet the Technical Standards of Admission as outlined in the catalog.

At any time in the program, SCNM reserves the right to dismiss a student when his or her academic record is deemed unsatisfactory. Likewise, a student whose total record shows considerable ability and marked improvement may be given special consideration.

Students subject to dismissal will receive a letter from the Registrar's Office. A copy of this letter will be forwarded to the APC and the Executive Vice President of Academic and Clinical Affairs.

Dismissal Appeal Process

The student will be contacted to have an opportunity to address the APC regarding dismissal. The student will be informed that they have five (5) business days in which to request an appeal to the APC. The student will receive notification from the Dean of Students regarding the outcome of the appeal.

The Dean of Students will communicate this decision to the Executive Vice President of Academic and Clinical Affairs. The student will have five (5) business days to appeal in writing to the Executive Vice President of Academic and Clinical Affairs (or her delegate), whose decision is final. While pending appeal for dismissal, a student may not attend any classes, may not participate in any SCNM-sponsored activities, and will be barred from the College's property unless permission is given by the Dean of Students. Students dismissed will not be readmitted to the college under any circumstances.

REFUND POLICY/DROP COURSES

Students who do not completely withdraw from the college but drop a class/ clerkship during the published drop period will be refunded the difference in the tuition paid and the tuition rate applicable to the reduced number of hours, including fees assessed to the classes dropped.

- There is no refund due to a student who partially withdraws from courses after the official drop period.

- Tuition paid for elective and intensive courses will not be refunded after the first day of class.

COMPLETE WITHDRAWAL

Complete withdrawal is defined as completely withdrawing from all classes (including a leave of absence). In the case of a complete withdrawal, the following tuition refunds apply for 8-, 10-, and 12-week courses, dependent upon the withdrawal date.

For calculation purposes, the date of complete withdrawal is the date the student provides a formal written notice to the Registrar's Office of the intent to withdraw. In the case of a student who fails to notify the Registrar's Office of intent to withdraw, the date that is the midpoint of the term or the student's last documented date of an academically related activity will be considered the withdrawal date, whichever is the longest time period.

Intensive courses that precede the term will be considered as stand-alone courses for the purpose of withdrawal and refunds. Refunds for these courses will be based on the length of the course and the time enrolled.

WITHDRAWAL DATE

Complete withdrawal before the start of the term.

Complete withdrawal after the start of the term but prior to the census date (end of week two).

Complete withdrawal from all classes after the term census date (end of week two).

After the 60% completion point of the term.

REFUND CALCULATIONS

100% tuition and fees with the exception of non-refundable fees as noted in tuition and fee schedule.

100% tuition and course specific fees are refunded. All other fees as noted in the tuition and fee schedule are not refundable.

% of tuition and refundable fees charged will be based on the federal guidelines formula as shown below. All other fees, as noted in the tuition and fee schedule, are not refundable.

0% tuition and fees refunded

For consistency purposes, SCNM applies the same federal guidelines for pro-rata refunds to all student refund calculations as those applied to students receiving federal financial aid. The federal guidelines for financial aid refunds are determined on the basis of the student's withdrawal date and the length of the session. The length of the session is calculated from the first day of instruction through final exams of the registered session(s) and excludes any breaks of five days or more.

Federal Formula:

- A. Refund Rate = $\frac{\text{Calendar days completed in the period of enrollment}}{\text{total calendar days in the period of enrollment}}$
- B. Refund Amount = Tuition charges for the period of enrollment X the percentage of unearned Title IV aid

This calculation determines the percentage of federal funds that have been earned by the student at the time of withdrawal and the amount of unearned funds that must be returned to the federal program. For more information, see the financial aid web page on the SCNM web site, or consult the Financial Aid Office.

Medical/Compassionate Withdrawal

A medical/compassionate withdrawal request may be submitted to the Academic Progress Committee through the Office of the Dean of Students. Requests are considered in cases in which serious illness/injury or extreme

ACADEMIC POLICIES

personal circumstances beyond the student's control prevents a student from continuing his/her classes and an incomplete or other arrangement with the faculty member is not possible. Applications for withdrawal require documentation. A student who receives an incomplete for any course has one calendar year or four consecutive quarters to complete the outstanding work and receive a grade before the "I" is changed to a "WD."

Military Withdrawal

Students withdrawing for military deployment must attach a copy of the military order to the withdrawal form. Grades of WD for withdrawal are recorded on the official academic record; these grades are non-penalizing. All tuition and fees paid by the student for the quarter from which the student is withdrawing will be refunded at a rate of 100%. If the student is withdrawing after the 70% completion point (excluding intensives) and was granted approved incompletes by the faculty member, the student is not eligible for tuition refund. The student has one calendar year or four consecutive quarters to complete the outstanding work and receive a grade before the "I" changes to a "WD."

LEAVE OF ABSENCE (LOA)

General Policy

A leave of absence (LOA) is granted to any student maintaining satisfactory academic progress who has met all financial obligations to SCNM. All LOA will be approved by the Academic Progress Committee (APC). While on LOA, students are not eligible to attend classes, clinical clerkships, or receive financial aid. Students requesting LOA must notify the Office of Financial Aid of the intended last date of attendance.

If students are unable to complete a quarter, tuition and fee refunds will be issued according to the add/drop policy, and final grades will be issued according to the college grading policy. Leave time will be considered a portion of the total time limit for the degree. (*See Completion Time Requirement below*)

LOA is a period of non-enrollment where students are not considered to be working toward the completion of their degree. LOA status may be granted for up to one year for any student demonstrating satisfactory academic progress. Students who do not return to active enrollment at the end of the granted leave are considered to have withdrawn from SCNM and need to reapply if they wish to return at some future date. Students on LOA are not eligible for financial aid and are subject to federal regulations pertaining to current loans. Upon return from LOA, the student must continue to meet the Technical Standards as outlined in the catalog.

1. Students will meet with the Academic Advising Specialist to initiate the process.
2. Requests for LOA will be considered individually by APC using the following guidelines:
 - a. LOA will only be granted to students demonstrating satisfactory academic progress;
 - b. LOA must be requested prior to the beginning of a term and be approved before the term for which it is requested;
 - c. In cases of death or serious illness in the family, LOA may be granted during any academic term. Students will be administratively withdrawn from all course work in progress at the time of LOA.

Types of Leave of Absence

Personal/Medical Leave of Absence

Students who are temporarily unable to continue their program of studies for personal or medical reasons may request a leave of absence for a specific period of time not to exceed a 12-month period. Students on a personal leave of absence that exceeds the 12-month period will be administratively withdrawn

and will be responsible for all financial obligations due SCNM.

Military Leave of Absence

Any student who is a member of the National Guard or other reserve component of the Armed Forces of the United States and is called to active duty will be granted a Military Leave of Absence for the period of active duty and one year thereafter. Upon return from a Military Leave of Absence, the student will be reactivated without loss of academic credits earned, scholarships or grants awarded, or tuition or other fees paid prior to the commencement of active duty.

Leave of Absence and Financial Aid

The Department of Education requires that a student maintain a minimum status of half-time enrollment to receive federal financial aid. Therefore, students who are on LOA will be considered withdrawn according to financial aid regulation 34CFR668.22 (d) and will begin their grace and repayment status of their federal financial educational loans. Students who return from LOA after the 180 day grace period will be subject to repayment of their loans immediately following graduation and any non-enrollment period in the future. If students are unable to complete a quarter, tuition and fee refunds will be issued according to the add/drop policy, and final grades will be issued according to the college grading policy. Leave time will be considered a portion of the total time limit for degree completion. (Refer to Completion Time Requirement outlined in the catalog.)

Exit Interview: Students approved for LOA are required to have an exit interview regarding their loans with the Office of Financial Aid.

Re-Activation of Enrollment after Leave of Absence

Students wishing to be re-activated within a year from the last date of attendance must submit a reactivation application form, along with any supporting documents. APC will review these and will determine the students' readiness to re-enter the program. Upon return from LOA, the student must continue to meet the Technical Standards as outlined in the catalog.

The time during which the student was on LOA and/or withdrawn will be considered a portion of the total time limit for degree completion.

COMPLETION TIME REQUIRED

The Doctor of Naturopathic Medicine program is designed to be completed in four calendar years or 14 academic quarters. Students who deviate from the standard academic program will extend the length of the program. Students are expected to complete the ND program within 22 academic quarters, not to exceed six years from initial date of matriculation, including any and all leaves of absence and periods of withdrawal followed by re-activation. Credits transferred from an approved institution count toward the maximum completion time. Students must make satisfactory progress toward the completion of their degree at SCNM to be eligible for most financial aid programs. SCNM's satisfactory academic progress policy includes cumulative GPA, academic year minimum credits earned, and 22 total academic quarters.

The following table illustrates the minimum number of credit hours required to be completed at the end of every calendar year.

Minimum Academic Requirements

Calendar Year	Total Quarters	Total Credits Earned
1st	Quarters 1 – 3	62
2nd	Quarters 4 – 7	124
3rd	Quarters 8 – 11	186
4th	Quarters 12 – 15	248
5th	Quarters 16 – 19	310
6th	Quarters 20 – 22	372

GRADUATION

Graduation Requirements

Candidates for the Doctor of Naturopathic Medicine degree must fulfill the following graduation requirements:

- Satisfactory completion of all courses in the prescribed curriculum
- Satisfactory completion of clinical training requirements, including:
 - 101.5 clinical credits
 - 5 field observation credits
 - 1 Lab post credit
 - 1 Medicinary post credit
 - 700 patient contacts (at least 225 in a primary capacity)
 - Satisfactory completion of required student clinical competencies
 - Successful completion of Clinical Milestone Exams
- Satisfactory discharge of all academic and/or disciplinary sanctions
- Fulfillment of all obligations to SCNM
- Completion of 45 community service hours
- Recommendation from the Faculty Senate

Academic Achievement Awards

There is a three-tiered arrangement of academic achievement awards for graduation. The award "highest academic achievement" shall go to the student(s) graduating with the highest GPA. The award for "high academic achievement" shall go to the student(s) with the second highest GPA. Any student graduating with a 3.80 GPA or higher shall receive "with honors." Note: highest and high academic achievement awards require a student to have a GPA of at least 3.80. Furthermore, "highest academic achievement" award requires a student to complete all graduation requirements within the appropriate time period. Students who receive a "U" unsatisfactory grade in any quarter are not eligible for graduation with honors. For more information, please see the Registrar's Office.

Graduation Ceremony Requirements

The requirements to participate in the graduation ceremony include the satisfactory completion of all graduation requirements as listed above and payment of all financial obligations to SCNM including the graduation fees. (See Tuition and Fee Schedule, p. 14.) Students who will have completed all classroom requirements in the quarter of the graduation ceremony and who have no more than 12 clinical credits remaining at graduation may walk with their class. These 12 remaining clinical credits must be completed in the quarter immediately following the graduation ceremony.

Graduation/Issuance of Diplomas

Upon receiving an application for graduation, the Registrar's Office conducts a formal audit to determine satisfactory completion of graduation requirements. Results of the audit are provided to each student, who has the responsibility to respond to any deficiencies in order to fulfill requirements for graduation. The Registrar's Office issues diplomas four times a year following the conferral of the degree at the end of each academic term. The diploma is only issued when the student has fully satisfied graduation and financial requirements, including

completion of the on-line financial aid exit survey. The Registrar's Office will notify students when their diplomas are available for pickup or will mail it to the students' current address on file after receiving the mailing fee payment. Diplomas are not ordered until all graduation requirements are met.

Transcripts

A transcript is a student's official academic record of courses taken and grades earned. An official transcript will bear the signature of the Registrar as well as the official SCNM seal and will be mailed directly to the address provided by the student. An unofficial transcript issued by SCNM is marked "unofficial." The degree earned by the student at SCNM is recorded on the transcript after conferral of the degree and completion of all graduation requirements. Students are considered to be in good academic standing unless noted. The academic status of a student such as suspended, academic dismissal, etc. - will be noted on the transcript.

Students may obtain unofficial transcripts via MySCNM or request official copies be sent to other institutions by completing the appropriate form available on MySCNM or in the Registrar's Office. Requests by mail must include the following information: name, identification number, date of birth, first and last dates of attendance, current return address, daytime phone number, signature, and specific mailing address for each transcript ordered.

Transcripts are issued within one week from the date the request is received. The Registrar's Office may not release transcripts or any certifications for non-enrolled students or graduates who have a financial encumbrance. Transcripts submitted for admission or credit transfer become the property of SCNM and cannot be copied or returned to the student or forwarded to other institutions.

STUDENT INFORMATION, SERVICES AND POLICIES

STUDENT SUPPORT SERVICES

Student Support Services at SCNM include the Department of Student Affairs and the Dean of Students Office. Together these departments provide students with the necessary services to support their educational experience at SCNM. The Department of Student Affairs includes Admissions, Financial Aid, Registrar's Office, the Career Center, and the Welcome & Enrollment Center. The Dean of Students Office includes the Counseling Center. These departments are committed to developing a positive student experience while providing support and services that respond to the needs of the SCNM community.

Student Affairs

The Department of Student Affairs is responsible for enrollment services, promoting student support programs, and addressing student and SCNM-wide issues affecting the educational experience. Student Affairs actively supports student learning experiences and the educational environment.

The Dean of Students

The Dean of Students oversees the personal and educational progress of matriculated students, student grievances, appeals, judicial processes, and counseling students; administers the code of student conduct and community service program; liaises with student government; and assists students in a wide range of areas and needs, including international student matters and disability accommodation. Students are encouraged to contact the Dean of Students for information or assistance. A more complete description of the services provided by the office is included in the SCNM Student Handbook.

Welcome & Enrollment Center

The Welcome & Enrollment Center is a "one stop shop" office that integrates visitor services, financial aid, registration and records, admissions, and support functions. Students can obtain admissions information, enrollment forms, financial aid assistance forms, general student records, and registration information and assistance at the Welcome & Enrollment Center. The Center is located on the third floor of the SCNM Medical Center/Administration Building and is open Monday - Friday, 8:00 a.m. - 5:00 p.m.

Counseling Center

Life in medical school is a time of great change and personal growth. It is exciting, satisfying, and sometimes challenging. For many students, there are times when all the demands and excitement may feel overwhelming. SCNM understands that students need many kinds of support to help them succeed.

The Counseling Center provides short-term, confidential counseling for a variety of student concerns such as adjusting to medical school, being away from home and families, managing stress and anxiety, managing time and organizing studies, and interpersonal issues. In addition to counseling and consultation services, the SCNM Counseling Center provides outreach and educational services through specialized programs, including health promotion and stress management.

Career Services Center

The Career Services Center assists prospective and current SCNM students and alumni in pursuing and obtaining naturopathic career opportunities. The Center supports students in developing prospective employers and mentors by providing information about the naturopathic profession, CV and cover letter preparation, and personal coaching. It maintains the Career Development Resource Center on MySCNM, which includes job listings, career building seminars and webinars. Conference and networking opportunities are also promoted by the Career Services Center to create a wealth of outside learning opportunities and professional relationships.

The Center works with students in developing a personal action plan with the goal of securing a professional position prior to graduation. Students are encouraged to take advantage of the Career Services Center's programs early in their course studies.

COMMUNITY SERVICE PROGRAM

Students are required to contribute 45 hours of their time to community service before graduation. Students may obtain community service forms, as well as drop off completed community service forms, at the Student Success Center desk. Community service hours may be acquired through direct service to any area of SCNM, including the SCNM Medical Center or one of the extended sites, main campus, and Research Department. Students may obtain community service hours via the community service program. This program is overseen by the Dean of Students Office and has been established to allow students to actively promote and support SCNM and the field of naturopathic medicine outside of the usual coursework experience. This program is also intended to not only benefit the college community, but as a means of outreach to the general community. Students are highly encouraged to extend their network outside of school and give their time to other organizations and projects. In keeping with a healthy balance between present endeavors (school) and future networking (the greater community), we envision a blend of hours between the two. The student does not receive academic credit or pay for these activities. Please see the SCNM Student Handbook or the Student Success Center desk for more information regarding specifics on acceptable community activities and necessary forms.

STUDENT COMMUNITY

The student community at SCNM includes people from diverse backgrounds and experiences with a shared commitment to naturopathic medicine and associated disciplines. Demographic information is available in the Registrar's Office.

Student Government

Membership in the SCNM Student Government Association (SGA) is open to all current students. The association represents the interests of the student body, acting as a liaison among the administration, faculty, and students. Elected representatives from each class meet regularly. These representatives bring student concerns to the proper channels for resolution. There is student representation on the College Board of Trustees and other regulatory boards and associations such as AzNMA and AANP. Students are encouraged to share their issues and concerns with their class representatives. More complete information regarding SGA is included in the SCNM Student Handbook. Please contact the Dean of Students with any additional questions or for clarification.

Student Clubs and Organizations

Numerous organizations/clubs offer a diverse range of activities and include the Naturopathic Public Awareness Committee (NPAC), Naturopathic Advocacy and Community Awareness Team (N-ACT), the Naturopathic Society, Imhotep Circle, and Naturopaths Without Borders, to name a few.

Guest speakers are frequently invited to share their knowledge in specific areas. The members of different student organizations enjoy a continued education process outside of class, as well as socialization. For more information on a student organization or to organize a student organization, contact the SGA president or Dean of Students.

STUDENT INFORMATION, SERVICES AND POLICIES

STUDENT EMPLOYMENT AT THE COLLEGE

As needed, student employment opportunities, including federal work study, arise at SCNM and are made available. Students who are not in good academic standing are restricted from SCNM employment. More information on student employment at SCNM is available in the SCNM Student Handbook.

SCNM TEACHING ASSISTANT PROGRAM

Selected outstanding students at SCNM are encouraged to participate in SCNM's teaching assistant (TA) and tutoring program. TAs work with faculty in both didactic and laboratory classes to assist other students in learning the material. Tutoring assistance sessions are also offered to any student through the Doctorè Development Center (DDC). In preparation for passing NPLEX Biomedical Science Board exams, selected TAs and tutors offer review sessions. The TA program and DDC are overseen by the Dean of Medical Education.

STUDENT BENEFITS AT THE SCNM MEDICAL CENTER

As a commitment to the health and well-being of our students, the SCNM Medical Center provides discounted medical care to students. Discounts are also available in the Natural Medicinary and for certain services such as laboratory, IVs, and injectables. Specific information is available by contacting the SCNM Medical Center.

STUDENT IDENTIFICATION CARDS

Each student is issued a photo identification badge during orientation. Students should keep the ID in their possession at all times when on Campus or at the SCNM Medical Center. The photo ID is used as a security measure and is required for students to receive certain services such as library borrowing and copy/printer privileges. The first card is provided free of charge. Replacement cards are available for a small fee. (*See Tuition and Fee Schedule, p. 14*).

COURTESY PHONES

Courtesy phones are available in the student lounge area at SCNM and the medical reference room at the SCNM Medical Center. Students are asked to limit their calls to allow all students access to the phones. Students are not permitted to use SCNM office or SCNM Medical Center phones without permission. Only emergency messages will be taken by SCNM personnel and will be communicated appropriately and promptly whenever possible.

Due to confidentiality requirements, students may not use SCNM fax machines. If students have a SCNM-related need to transmit or receive a fax, they should first contact the Dean of Students.

HOUSING

While SCNM does not provide student housing, information on housing near campus may be obtained through the web-based MySCNM. Prospective and current students may advertise for roommates or housing on MySCNM.

CAMPUS SAFETY AND SECURITY

SCNM meets OSHA standards for a safe workplace in an institution of higher learning. Students are asked to report any unsafe conditions to the Facilities

Office. If an unsafe condition is not resolved, the student should submit a written report to the Dean of Students. Any student injury must be reported to the Dean of Students and the Facilities Office immediately.

The Federal Campus Security Act of 1990 requires that an annual report on campus crime be made to members of the SCNM community. This report is available on the SCNM web site, www.scnm.edu, and in the Facilities Office. All buildings are locked nightly. Any security issues or concerns should be reported to the Facilities Office. Students should be aware of personal security practices, including being observant of their surroundings, locking automobiles, walking in pairs, and guarding belongings.

PERSONAL PROPERTY

Neither the SCNM nor the SCNM Medical Center is responsible for any personal belongings of students. It is the student's responsibility to safeguard personal belongings and to remove them at the end of each class session. Any items found in the classrooms during cleaning will be removed. Check with facilities or the Student Services Specialist for lost items. SCNM reserves the right to inspect without cause: desks, file cabinets, lockers, and personal property used on SCNM premises.

CRIMINAL CONDUCT/THEFT

Theft is considered a serious infraction of the student code of professional conduct and academic honor. All students are expected to observe national, state, and local laws and ordinances. Conduct that SCNM officials think violates laws and ordinances will be reported to the proper authorities. Conduct that violates the provisions of SCNM will be handled according to the prevailing student disciplinary process and may result in suspension or dismissal. Detailed descriptions and/or policy changes can be reviewed with the Dean of Students. Unprofessional conduct of naturopathic medical students, including practicing without a license, will be reported to the State of Arizona Naturopathic Physicians Board of Medical Examiners, in compliance with Arizona statutes.

LOBBYING/POLITICAL AND LEGISLATIVE ACTIVITY

The tax-exempt status of SCNM affects all staff and students. Tax-exempt organizations are limited in their political and legislative activity, even if the lobbying activity would contribute directly and substantially to meeting SCNM's tax-exempt purposes. No lobbying is allowed by any person on SCNM's premises or at any SCNM function unless pre-approved by the President and the Dean of Students within 15 days of the event.

NEW STUDENT ORIENTATION

An orientation program is conducted for all new students. Attendance is mandatory for incoming students. Orientation is a program organized by the Dean of Students Office in conjunction with Student Affairs during which faculty and staff members review expectations, policies, and learning opportunities with the new students.

SCNM ALUMNI ASSOCIATION

The Alumni Services Office, within the Student Affairs Department connects alumni to the College through social, informational, and educational benefits and opportunities. For more information, please contact the Alumni Office: (480) 858-9100, alumni@scnm.edu

STUDENT INFORMATION, SERVICES AND POLICIES

STUDENT RIGHTS AND RESPONSIBILITIES

SCNM expects students, as future professional health care physicians, to conduct themselves in an honest, responsible, and professional manner in their educational pursuits at SCNM, as well as in clinical practice. Students are expected to be respectful to others in the SCNM community; respectful to patients and others in the wider community; and to demonstrate professional behavior, accountability, and high ethical standards.

SCNM is dedicated to providing an excellent educational environment for its students, with challenging and comprehensive coursework and clinical experience; programs that enhance and assist students in their daily and professional lives; and practical, fair, and timely appeal and dispute procedures.

The following policies inform students of their rights and responsibilities and outline administrative procedures. More detailed information about student-related policies and procedures are included in the SCNM Student Handbook and the Clinical Handbook. Additional copies of both student handbooks are available on MySCNM, at the front desk, or in the Student Affairs Office.

SCNM reserves the right to update policies and procedures pertaining to student rights and responsibilities at any time. Students may be informed of policy changes via e-mail or official updates to the SCNM catalog, SCNM Student Handbook, or the Clinical Handbook at any time. Students are responsible for the most current version of these publications as it supersedes all previous versions.

PARKING POLICIES

SCNM provides ample parking for student vehicles. Students must park their vehicles in accordance with the specific conditions and restrictions which may apply at SCNM's various facilities. Policies have been established by SCNM to promote compliance with parking regulations at SCNM facilities and to provide a deterrent to those whose improper parking may be a hazard to other members of the SCNM community. Current policies are posted. Repeated violations will result in disciplinary action. Overnight parking without authorization is prohibited.

SEXUAL HARASSMENT

SCNM has a zero tolerance for sexual harassment. Please see the SCNM Student Handbook for more information.

ANIMALS ON CAMPUS

With the exception of companion dogs for the sight or hearing-impaired, animals are prohibited on campus.

SUBSTANCE ABUSE POLICY

Drug-free Workplace Act and Drug-free Schools and Communities Act

In accordance with the Drug-free Workplace Act of 1988 (Public Law 101690), SCNM, the SCNM Medical Center, and all affiliated patient care sites will not tolerate and will take action against the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance by any student conducting SCNM, SCNM Medical Center, or affiliated patient care site business.

Drug Free Schools and Community Act

On December 12, 1989, the United States federal government enacted the Drug-Free Schools and Communities Act Amendments of 1989. As outlined in the Act, an institution of higher education, as a condition for receiving federal funds under any federal program, must certify that it has adopted and implemented a program to prevent the unlawful possession, use, or distribution of illicit drugs by students and personnel. To comply with this law and further its commitment to support society's effort to eliminate drug and alcohol abuse, SCNM has adopted a drug-free school policy to supplement the code of student professional conduct (see the SCNM Student Handbook for the complete policy). If there is a conflict between SCNM's drug-free school policy and the code of student professional conduct, the code of student professional conduct will supersede the policy.

Students will be required to sign a form upon initial registration and will be provided copies through SCNM's web site and annual emails to ensure that they have read and are aware of the HEA Drug Policy. Effective fall 2006 all students, faculty, and staff are subject to random drug testing. Student eligibility for federal student aid is suspended if the student is convicted, under federal or state law, of any offense involving the possession or sale of a controlled substance. The suspension of eligibility ranges from one year to indefinite, depending upon the number and type of convictions. A student may regain eligibility early by completing a drug rehabilitation program that meets certain statutory and regulatory requirements, or if the conviction is overturned. Details regarding section 484(r) of the HEA are available from the Office of Financial Aid.

SCNM has a strict substance abuse policy, which is in compliance with United States Public Law 101-226. No student or employee is permitted on the SCNM campus or SCNM Medical Center premises while under the influence of alcohol or illegal drugs. Use, possession, or distribution by a student or employee of illegal drugs on or off SCNM premises is a major offense, and such persons are subject to dismissal or immediate suspension. Students seeking information or assistance regarding substance abuse may contact the Dean of Students for a confidential discussion. The specifics of the policy and procedures are available in the human resources department.

SCNM, the SCNM Medical Center, and all affiliated patient care sites are committed to a policy* against the use of illegal drugs and the improper use of alcohol. In keeping with this commitment, SCNM, the SCNM Medical Center, and all affiliated patient care sites strictly prohibit the use, transfer, possession, distribution, sale, or being under the influence of illegal drugs. All students agree to abide by the prohibition against unlawful manufacture, distribution, dispensation, possession, and use of controlled substances and/or alcohol at SCNM, the SCNM Medical Center, and all affiliated patient care site premises and to notify SCNM and the SCNM Medical Center of any criminal drug statute conviction for a violation no later than five (5) days after such conviction. Within ten (10) days of our learning of the conviction, SCNM will, in turn, report such convictions to the appropriate federal agency. If a student is convicted of a criminal drug violation, SCNM may require him/her to participate in a treatment program as part of the disciplinary process. If he/ she agrees to accept the help, he/she must satisfactorily complete the agreed-upon steps or risk being dismissed.

A student may be asked or required to submit to testing procedures designed to detect the presence of drugs and/or alcohol if he or she is acting in a manner that leads to a suspicion that the student either possesses, controls, or is under the influence of drugs and/or alcohol or has been involved in the use, possession, and/or sale of drugs or alcohol in areas controlled by SCNM, the SCNM Medical Center, and affiliated patient care sites. Any student who does not consent to and cooperate fully with any search and/or medical testing procedure shall be subject to disciplinary action up to and including dismissal.

Students are encouraged to voluntarily seek treatment or counseling for drug or alcohol addiction or habituation, including, where relevant, a leave of absence in accordance with established leave of absence policies and procedures or a referral to any student assistance program recognized by SCNM. Students who have been disciplined under this policy and successfully complete a drug or

STUDENT INFORMATION, SERVICES AND POLICIES

alcohol rehabilitation program, upon presenting adequate documentation, will be considered for re-admittance into the college. Students shall comply with all terms of a written aftercare program and shall submit to random drug or alcohol testing in accordance with the provisions of this policy.

The Dean of Students, Human Resources Director, and Executive Vice President of Academic and Clinical Affairs must be notified immediately if there is suspicion of any student appearing to be under the influence of alcohol or illegal drugs. Immediately refer to the Drug-Free Workplace, Schools, and Communities policy before taking any action. In accordance with the Drug-Free Schools and Communities Act (Public Law 101-226), SCNM will distribute a drug-free prevention information packet to all students annually.

**Comprehensive Policy and Procedures regarding Drug-Free Workplace, Schools and Communities can be found in the SCNM Student Handbook.*

PERSONAL APPEARANCE AND PROFESSIONAL BEHAVIOR

Students are expected to dress appropriately and to maintain a clean and neat appearance at all times. Shoes must be worn in campus buildings and in the SCNM Medical Center building at all times. Dress at the SCNM Medical Center is professional. For complete dress guidelines, please see the SCNM Medical Center Student Handbook.

STUDENT APPEALS AND GRIEVANCES

Any student may informally or formally lodge an appeal or grievance on any matter related to status as a student at SCNM. Complete information on the policies and procedures concerning appeals and grievance procedures is available in the SCNM Student Handbook. If the student complaint cannot be resolved after exhausting the institution's grievance procedure, the student may file a complaint with the Arizona State Board for Private Secondary Education. The student must contact this state board for further details:

1400 W. Washington, Room 260
Phoenix, AZ 85007
(602) 542-5709
azppse.state.as.us

SCNM PROMOTIONAL PHOTOGRAPHS AND IMAGES

From time to time, SCNM community members may be asked to meet with a reporter or photographer who wishes to learn more about SCNM. If a member of the media contacts you directly, refer the request to the Marketing Department.

In order to promote SCNM and the SCNM Medical Center through various media, including but not limited to, television, the SCNM web site and affiliated social media sites, magazines, journals, newspapers, and internally developed publications and advertisements faculty, staff, and students may be photographed and/or video recorded. SCNM retains ownership and reserves the right to publish these photographs and videos.

VISITORS AND CHILDREN ON CAMPUS

Students may have visitors, including children, friends, and family members, on SCNM premises subject to the following limitations:

- All visitors must check in with the Student Services Specialist upon each visit and receive a visitor badge.
- The student with whom they are visiting must accompany all visitors at all times.
- Visitors are only permitted in classroom areas with prior permission of the faculty member. If the faculty member objects, the visitor will not be allowed. If a visitor is allowed to enter the classroom and later becomes disruptive, he/she will immediately be required to leave the classroom. Young children (minors) are never allowed in any of the laboratories.
- Students are not allowed to leave their children or minor visitors unattended in any part of SCNM.
- In the event an unattended minor is identified, they will be brought to the Dean of Students and Child Protective Services will be called.
- Children are only allowed in the SCNM Medical Center waiting area if they are being seen as patients.
- In the event an unattended minor is identified, they will be brought to the Director of Clinical Operations and Child Protective Services will be called.

FOOD IN CLASSROOMS, LABORATORIES, AND AUDITORIUM

Adequate breaks are provided so that students may eat in the student lounge or designated areas on the campus and at the SCNM Medical Center. Neither food nor beverages are allowed in the laboratories or in any patient-contact area, with the exception of bottled water.

ADMINISTRATION

President/Chief Executive Officer

Paul A. Mittman, ND, DHANP, EdD, Professor of Naturopathic Medicine; BA, State University of New York at Buffalo, 1978; ND, National College of Naturopathic Medicine, 1985; EdD, University of Pennsylvania, 2009.

Executive Vice President of Academic and Clinical Affairs

Christine L. Girard, ND; Associate Professor of Naturopathic Medicine; BA, Goddard College, 1989; ND, National College of Naturopathic Medicine, 1997; Integrative Medicine Residency, Griffin Hospital, 1998.

Vice President of Development

Vonise Petersen, BLS, Iowa State University

Vice President of Finance and Administration

Marion Davis, Master of Public Administration (MPA), University of Washington, 2005.

Vice President of Student Affairs

Melissa Winqvist, MA, BA, Arizona State University, 1991; MA, Arizona State University, 1994.

Dean of Faculty and Curriculum Development

Becky B. Clark, EdD; BA, University of Louisiana, 1977; MEd, Delta State University, 1980; EdS, Delta State University, 1985; EdD, Curriculum and Supervision, Delta State University, 1988.

Dean of Medical Education

Joni Olehausen, ND; BA, Biomedical Science, St. Cloud State University, 1988; ND, National College of Naturopathic Medicine, 1997; Residency, Tahoma Clinic, Kent, Washington, 1998.

Dean of Students

Stephanie Smith, MS.Ed; BS, Psychology, Loyola University, 1992, MS.Ed, Student Development in Higher Education, Counseling, Northern Illinois University, 1998.

SCNM Medical Center Administration

Director of Clinical Operations

Kimberly Volk, RN, ND; BA, Psychology, University of Buffalo; ND, Southwest College of Naturopathic Medicine, 2006.

Residency Director

TBD

Lab Director (COLA)

Jordi Livi, MD; BA, Brown University, 1999; MD, University of Arizona College of Medicine, 2007.

Board of Trustees

Chairman of the Board: David E. Schwalm, PhD

Vice Chair: Douglas R. Hawes, MBA

Secretary: Tracy Wooten, NMD

Treasurer: Tony Kakar, PhD

Faculty Member: Leslie Axelrod, ND, LAc

Student Member: Kathryn Firisin, MS

J.P. Borneman, PhD

Craig Connors, BS

Rufus Glasper, PhD

Robert Hopkins, MBA

Peggy Jackson

Linda Kaplan, BA

Paul Mittman, ND, EdD

Debi Smolinski, ND

Trustee Emeritus

Marti Cizek, MS

Klee Bethel, MD

Chuck Backus, PhD, DNS honoris causa

Full-Time Faculty

Axelrod, Leslie: Professor of Naturopathic Medicine; BS, University of Massachusetts; ND, Bastyr University, 1987; Dipl. Ac, Southwest College of Naturopathic Medicine, 1998.

Baral, Matthew: Associate Professor of Naturopathic Medicine; Chair, Department of Pediatrics; Medical Director, Hamilton Elementary School Clinic; BA, Castleton State College, 1994; ND, Bastyr University, 2000.

Buratovich, Nick: Professor of Naturopathic Medicine; BS, Biology, Saint Mary's College, 1973; ND, National College of Naturopathic Medicine, 1983.

Campbell, Boyd: Professor of Anatomy; BS, University of Illinois, 1955; MS, University of Illinois, 1957; MD, University of Illinois, 1963; PhD, University of Illinois, 1965.

Clark, Becky: Professor of Education; Dean of Faculty and Curriculum Development; BA, University of Louisiana, 1977; MEd, Delta State University, 1980; EdS, Delta State University, 1985; EdD, Curriculum and Supervision, Delta State University, 1988.

Crinnion, Walter: Professor of Naturopathic Medicine; Chair, Department of Environmental Medicine; BS, University of San Francisco, 1975; BTh, Way College of Biblical Research, 1978; ND, Bastyr University, 1982.

Deng, Yong: Professor of Acupuncture and Oriental Medicine; Chair, Department of Acupuncture and Oriental Medicine; Supervising Acupuncturist, Endowed Chair (Gero-Vita); MD (China), LAC, Chengdu College of Traditional Chinese Medicine, 1983.

Dye, John: Professor of Naturopathic Medicine; Chair, Department of Mind-Body Medicine; BA, Whittier College, 1974; ND, National College of Naturopathic Medicine, 1979.

Gaines, Patricia: Associate Professor of Naturopathic Medicine; Chair, Department of Botanical Medicine; Biology and Pre-med, University of Anchorage, Alaska 1998; ND, Bastyr University, 2002.

Girard, Christine L: Associate Professor of Naturopathic Medicine; Executive Vice President of Academic and Clinical Affairs; BA, Goddard College, 1989; ND, National College of Naturopathic Medicine, 1997; Integrative Medicine Residency, Griffin Hospital, 1998.

Highfield, Janice: Associate Professor of Naturopathic Medicine; Chair, Department of Community Medicine; BS, Edinboro University, 1975; ND, Southwest College of Naturopathic Medicine, 2001.

King, Mary: Assistant Professor, Department of Basic Medical Sciences; MTAA, Central Methodist College, 2002; BS, Logan College of Chiropractic, 2003; DC, Logan College of Chiropractic, 2005.

Laherty, Richard: Professor of Anatomy; Chair, Department of Basic Medical Sciences; BS, Biology, University of San Francisco, 1970; MS, Biology, University of San Francisco, 1973; PhD, Anatomy, University of California Berkeley, 1978.

Langland, Jeffrey: Associate Professor of Research; Co-Chair, Department of Research; BS, Microbiology, Arizona State University, 1986; PhD, Microbiology, Arizona State University, 1990.

Lasku, Arben: Professor of Pathology and Laboratory Medicine; MD, University of Tirana, Albania, 1985; MS, Chemical Pathology, University of Tirana, Albania, 1988; PhD, University of Tirana, Albania, 1994.

Martin, Pamela: Associate Professor of Clinical Diagnostics; Chair, Department of Clinical Diagnostics; BS, West Texas State University, 1985; MD, Texas Tech Medical School, 1989.

Messer, Stephen: Professor of Naturopathic Medicine; Chair, Department of Homeopathy; BS, The City College of the City University of New York, 1973; MEd, University of Pennsylvania, 1974; ND, National College of Naturopathic Medicine, 1979.

Mittman, Paul: Professor of Naturopathic Medicine; President and Chief Executive Officer; BA, State University of New York at Buffalo, 1978; ND, National College of Naturopathic Medicine, 1985; EdD, University of Pennsylvania, 2009.

Morstein, Mona: Professor of Naturopathic Medicine; Chair, Department of Nutrition; BS, Arizona State University, 1984; ND, National College of Naturopathic Medicine, 1988.

Olehausen, Joni: Associate Professor of Naturopathic Medicine; Dean of Medical Education; BA, Biomedical Science, St. Cloud State University, 1988; ND, National College of Naturopathic Medicine, 1997; Residency, Tahoma Clinic, 1998.

Schmidt, John: Associate Professor of Physiology; BS, University of Massachusetts, Amherst, 1981; PhD, University of Washington, Seattle, 1987.

Schwaiger, Timothy: Associate Professor of Naturopathic Medicine; Chair, Department of General Medicine; BA, Grand Canyon University, 1977; MA, Webster University, 1987; ND, Southwest College of Naturopathic Medicine, 1999.

Sorensen, Christine: Associate Professor of Naturopathic Medicine; RN, Arizona State University, 1980; ND, Southwest College of Naturopathic Medicine, 2001.

Waters, Robert: Professor of Biochemistry, Genetics, and Statistics; Co-Chair, Department of Research; BA, Carroll College of Montana, 1971; PhD, Biochemical Genetics, Montana State University, 1975.

Wollner, Debra: Professor of Physiology and Pharmacology; BA, Revelle College, University of California, San Diego, 1982; PhD, University of Washington, 1987.

Adjunct Faculty

Amrine, Craig: ; BS, Ceramic Engineering, Alfred University, Alfred NY, 1991. MS, Acupuncture, Phoenix Institute of Herbal Medicine and Acupuncture, 2008

Anderson, Paul: BS, Marylhurst University, 1993; ND, National College of Naturopathic Medicine, 1997.

Arneson, David: BS, University of Texas at El Paso; ND, Southwest College of Naturopathic Medicine, 2000.

Audette, Kathleen: BA in Chemistry, St. Joseph College, 1966; MS in Marine Environmental Ed., Eastern Connecticut State College, 1976; ND, Southwest College of Naturopathic Medicine, 1997.

Benda, William: BA, Zoology, Duke University, 1975; MD, University of Miami, 1985

Birdsall, Shauna: BS University of California, Davis, 1996; ND, National College of Naturopathic Medicine, 2000.

Birdsall, Timothy: BA, Grace College, 1972; ND, Bastyr University, 1985.

Carrell, Carol: BS, Health Services Administration, University of Phoenix, 1982; MA, Marital Family Therapy, Azusa Pacific University, 1989; ND, Southwest College of Naturopathic Medicine, 2010.

Christodoulakis, Theo: BS, Bloomfield College, 1987; ND, Southwest College of Naturopathic Medicine, 2003.

Coates, Vallery: BS, Illinois State University, 1981; Master of Counseling, University of Phoenix, 1995; EdD, Argosy University, 2009.

FACULTY

Conner, Daniel: BS, Western Illinois University, 1973; MS, Western Illinois University, 1974; DC, Cleveland College of Chiropractic, 1980.

Denzler, Karen: BS, Microbiology, Arizona State University; PhD, Molecular & Cellular Biology, 1994.

Engard, Kim: BA, Rochester Institute of Technology, 1987; LRT (Licensed Respiratory Therapist-AZ), NREMT (Licensed Paramedic-National); NMD, Southwest College of Naturopathic Medicine, 2004.

Ewald, Jaime: BS, Wright State University, 2000; ND, Southwest College of Naturopathic Medicine, 2006.

Ezrre, Barbara: BS, Arizona State University, 2001; ND, Southwest College of Naturopathic Medicine, 2006.

Fitzgerald, Erin: BA, Arizona State University, 2004; ND, Southwest College of Naturopathic Medicine, 2008.

Ganora, Lisa: BA, Biology, University of North Carolina, 2001.

Goodman-Herrick, Pearlyn: ND, National College of Naturopathic Medicine, 1979; DHANP, 1988.

Groves, Anesia: BS, University of New Mexico, 2000; ND, Southwest College of Naturopathic Medicine, 2005.

Ham, Natalie: BS, Arizona State University, 2002; ND, Southwest College of Naturopathic Medicine, 2007.

Hazel, Sara: BS, Eastern CT State University, 1993; ND, National College of Naturopathic Medicine, 1998.

Jacobson, Michael: BA, Boston University, 1990; DC, New York Chiropractic College, 2001.

Jones, Feather: Massage Therapist, Boulder School of Message Therapy, 1978; Certification, Clinical Herbalist, Santa Fe College of Natural Medicine, 1982.

Kaser, Kara: BS, Oregon Health Science University, 2003.

Keiffer, Julie: BA, University of Michigan, 1993; ND, Southwest College of Naturopathic Medicine, 2001.

Kerievsky, Ross: BA, Binghamton University, 1991; DC, Palmer College of Chiropractic, 1996; ND, Southwest College of Naturopathic Medicine, 2000.

Khalsa, Siri Chand: BA, Biology, University of Virginia, 1994; MS, Old Dominion University, Norfolk, VA, 1998; MD, Eastern Virginia Medical School, Norfolk, VA 2002.

Larson, Noel: BA, Northern Arizona University, 2007; MA, Northern Arizona University, 2009.

Magerus, Tracy: BA, Arizona State University, 2004; ND, Southwest College of Naturopathic Medicine, 2009.

Makeeta, Quati: BS, University of Massachusetts; DC, Pennsylvania College of Chiropractic, 2001.

Marchese, Marianne: BS, Creighton University, 1990; ND, National College of Naturopathic Medicine, 2002.

Mitchell, Jessica: BS, Binghamton University, 2001; ND, Southwest College of Naturopathic Medicine, 2005.

Morris, Elese: BS, Biology, Arizona State University, 1996; ND, Southwest College of Naturopathic Medicine, 2001.

Mundt, Jennifer: BA, University of Minnesota, 2000; ND, Southwest College of Naturopathic Medicine, 2009.

Nevels, Jennifer: BS, University of Arizona, 1998; ND, Southwest College of Naturopathic Medicine, 2003.

Oskin, Jamie: BA, The College of William and Mary, 2003; ND, Southwest College of Naturopathic Medicine, 2008.

Paulson, Heather: BS, University of California, Santa Barbara, 2000; ND Southwest College of Naturopathic Medicine, 2007.

Romero, Lynn: BS, Missouri Western State College, 1982; Diploma, Western Herbalism, Southwest Institute of Healing Arts, 2006.

Rubin, Daniel: BA, University of Iowa, 1991; ND Southwest College of Naturopathic Medicine, 1997.

Sensenig, James: BS, National College of Naturopathic Medicine, 1976; ND, National College of Naturopathic Medicine, 1978.

Sherlin, Leslie: BS, University of Tennessee, 2000; MS, Psychology, Capella University, 2003; PhD Psychology, Capella University, 2008.

Swan, Farra: BS, Tufts University, 1969; MS, Tufts University, 1971; ND, Bastyr University, 1982.

Tamburri, Phranq: BS, University of Pennsylvania; ND, Southwest College of Naturopathic Medicine, 2002.

Tenborg, Mark P: BS, Botany, Weber State University, UT, 1991; MPH, Northern Arizona University, 1995; ND, Southwest College of Naturopathic Medicine, 2004.

Turner, Leila: BA, University of California, 2004; ND, Southwest College of Naturopathic Medicine, 2007.

Vedeler, Christopher: BA, Philosophy, New Mexico State University, 1998; MS Oriental Medicine, Southwest Acupuncture College, Albuquerque, NM, 2004.

Williams, Susan: BA, University of Iowa, 1988; ND, Southwest College of Naturopathic Medicine, 2001.

Yarnell, Eric L: BS, Bastyr University, 1994; ND, Bastyr University, 1996.

Adjunct Research Faculty

Bell, Iris: BA, Harvard University, 1972; MD, Stanford University, 1980; PhD, Stanford University, 1997.

Riley, David: BA, UNC-Chapel Hill, 1976; MD University of Utah, Salt Lake City, 1983.

Field Observation Physicians

Brandeis, Damien: NMD, Southwest College of Naturopathic Medicine, 2002.

Breiten, Valeria: NMD, Southwest College of Naturopathic Medicine, 2001.

Christianson, Alan: NMD, Southwest College of Naturopathic Medicine, 1996.

Coats, Melissa: ND, Southwest College of Naturopathic Medicine, 2008.

Feaster, Joanne: NMD, National College of Naturopathic Medicine, 2004.

Gear, Robert: NMD, National College of Naturopathic Medicine, 1978.

Godman, Susan: ND, Southwest College of Naturopathic Medicine, 1999.

Gorman, Julie: NMD, Southwest College of Naturopathic Medicine, 2001.

Highfield, Jan: ND, Southwest College of Naturopathic Medicine, 2001.

Hinojosa-Sinks, Judy: NMD, Southwest College of Naturopathic Medicine, 2008.

Keaton, Dana: ND, National College of Naturopathic Medicine, 1989.

Koudelka, Barbara: NMD, Southwest College of Naturopathic Medicine, 2003.

Lambert, Linda: NMD, Southwest College of Naturopathic Medicine, 2008.

Logan, Gladys: NMD, Southwest College of Naturopathic Medicine, 2002.

Lovick, Ann: NMD, Southwest College of Naturopathic Medicine, 2007.

Lussier, Spice: ND, Southwest College of Naturopathic Medicine, 2006.

Lutrin, Sandy: ND, Southwest College of Naturopathic Medicine, 2003.

Marsh-Jones, Barb: ND, Southwest College of Naturopathic Medicine, 2007.

McHenry, Schuyler: ND, Southwest College of Naturopathic Medicine, 2006.

McKeen, Erika: NMD, Canadian College of Naturopathic Medicine, 2004.

Orona, Shahrzad: NMD, Southwest College of Naturopathic Medicine, 2000.

Peachy, Miriam: NMD, Southwest College of Naturopathic Medicine, 2009.

Peyman, Tara: ND, Southwest College of Naturopathic Medicine, 2007.

Rubin, Dan: ND, Southwest College of Naturopathic Medicine, 1997.

Strom, Mark: NMD, Southwest College of Naturopathic Medicine, 2008.

Tallman, David: ND, Southwest College of Naturopathic Medicine, 2001.

Turner, Jo: NMD, Southwest College of Naturopathic Medicine, 2006.

Turner, Leila: ND, Southwest College of Naturopathic Medicine, 2007.

Vaughan, Toni: NMD, Southwest College of Naturopathic Medicine, 2004.

Walker, Cathy: NMD, Southwest College of Naturopathic Medicine, 2000.

Walker, Sam: NMD, Southwest College of Naturopathic Medicine, 1997.

Weeshoff, Laura: NMD, Southwest College of Naturopathic Medicine, 2007.

Wells, Wendy: NMD, Southwest College of Naturopathic Medicine, 2006.

Williams, Susan: ND, Southwest College of Naturopathic Medicine, 2001.

Honorary Faculty

Bradstreet, James J: BA, University of South Florida, 1976; MD, University of South Florida, 1979; Residency in Aerospace Medicine, 1981.

Canvasser, Bruce: ND, National College of Naturopathic Medicine, 1977.

Eizayaga, Franciso: MD, University of Salvador, Buenos Aires, Argentina; PhD, Mainondies University, Buenos Aires, Argentina.

Glick, Ronald: DO, University of Osteopathic Medicine and Health Sciences, College of Osteopathic Medicine and Surgery, 1983.

Kirshner, Richard: BS, Human Biology, Kansas Newman College, 1979; ND, National College of Naturopathic Medicine, Portland, OR 1981.

Post-Graduate Year 1

Burton-Teed, Blythe: General Medicine Resident; BS, Emory University; ND, Southwest College of Naturopathic Medicine, 2010.

McAllister, Heath: General Medicine Resident; BA, University of New Hampshire, 2001; ND, Southwest College of Naturopathic Medicine, 2010.

Retz, Michelle: General Medicine Resident; BS, The Ohio State University, 2004; ND, Southwest College of Naturopathic Medicine, 2010.

Stage, Katrina: General Medicine Resident; BA, Northwestern University, 1996; ND, Southwest College of Naturopathic Medicine, 2010.

Vassighi, Nazanin: General Medicine Resident; BS, University of Colorado, 2001; ND, Southwest College of Naturopathic Medicine, 2010.

Post-Graduate Year 2

Rice, Elizabeth: Homeopathic Resident; BA, University of California, 2002; ND, Southwest College of Naturopathic Medicine, 2009.

Smialek, Kiera: Pediatric Resident; BS, Ithaca College, 2005; ND, Southwest College of Naturopathic Medicine, 2009.

Youngren, Christine: Environmental Medicine Resident; BS, University of Minnesota; BS, San Francisco State University; ND, Southwest College of Naturopathic Medicine, 2006.

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Southwest College of Naturopathic Medicine

2140 E. Broadway Road
Tempe, AZ 85282

Toll-free: 888.882.7266
Local: 480.858.9100
Fax: 480.858.9116

Email: admissions@scnm.edu
www.scnm.edu

Connect with us

