



Environmental Medicine *(en-vahy-ruhn-muhntl)*

- n. 1. medicine dealing with the effects of the environment on human health and responses to environmental factors.
- 2. the study of the causes of disease in an environmental context and the development of methods of detection, control and prevention of environmentally related disease.

Department of Environmental Medicine

Solvents, pesticides, heavy metals, plastic, and other pollutants are in every person in record amounts. These compounds lead to a variety of adverse health effects, some more obvious than others. The Department of Environmental Medicine and public health seeks to bring clarity to the issue of chronic health problems secondary to everyday exposures to low-level toxins. The Naturopathic principle of *Tolle Causum* - treat the cause - is fully explored in this field.

5.5 credits / 60 hours

Walter Crinnion, N.D. - Center for Environmental Medicine Director; Professor
 Dr. Walter J. Crinnion received his N.D. from Bastyr University in Seattle, Wash. He opened a family practice with an emphasis on allergies and treating chronic health problems caused by environmental chemical overload. In 1985, he opened the most comprehensive cleansing facility in North America for the treatment of chemically poisoned individuals. He is a favorite and frequent lecturer at both Naturopathic and allopathic medical conferences. He has published several articles in peer-reviewed journals on the topic of environmental overload. He has been on the board of directors of the American Association of Naturopathic Physicians (AANP) and was the recipient of their first award for in-office research in 1999 and was awarded a second time in 2002.

Jessica Tran, N.D., Environmental Medicine Fellow

SCNM's ND program offers a well balanced and comprehensive curriculum designed to offer the maximum number of credits in each Naturopathic modality. We believe this provides our students with the broadest education to become managers of total integrated Naturopathic medicine. As part of the required ND curriculum, students will take 5.5 didactic credits in the Department of Environmental Medicine. Ten clinical credits are offered each quarter.



COURSES

ENVM 660 Depuration Techniques (Lecture/Lab 1/.5)

This course focuses on the physical procedures useful in eliminating environmental pollutants from the human body depuration. Modalities covered include retrograde colonic irrigation, constitutional hydrotherapy, and thermal chamber therapy (sauna).

Prerequisites: PHMD 615

ENVM 700 Introduction to Environmental Medicine/Toxicology (Lecture 2)

This course covers basic information on toxins in our environment. Basic concepts of toxicology will be covered, along with the major groups of environmental toxins. The class will then cover the common modes of non-occupational exposures (air, food, water) to these compounds. Finally, methods of human metabolism and excretion of the toxins will be covered as well as obstacles to the same.

Prerequisite: PUBH 620

ENVM 760 Basics of Environmental Medicine (Lecture 2)

This course gives an overview of the field of environmental medicine. The typical symptom pictures of environmental toxin overload will be covered, highlighting toxin damage to the immune, neurologic, and endocrine systems. Specific toxin overload - related illnesses will be covered as well (multiple chemical sensitivity, Gulf war syndrome, etc.). Overall case assessment and treatment will be emphasized and case histories will be covered.

Prerequisites: ENVM 700

CLTR 600 On-Site Environmental Medicine Rotations (10 credits offered/Quarter)

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SCNM occasionally offers electives in the Naturopathic medical degree program. Electives are courses that are not part of the total required curriculum credits and are not part of the required core-course curriculum.

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NATUROPATHIC MEDICINE