


RUTGERS

New Jersey Agricultural
Experiment Station

Environment and Public Health

*June 8 to July 24, 2009
Seven-Week Program*



*7 weeks in the classroom +
5 weeks in the field =
A life-changing experience*

Office of Continuing
Professional Education

Environment & Public Health

Join the Hot Field of Environmental Health

Life's too short to take just any job. And right now, the field of environmental health needs people that want to make a difference with their careers. Bioterrorism and pandemic flu preparedness have brought renewed funding and emphasis to the entire field of environmental & public health. If you have the heart, desire and skills to save lives and protect New Jersey's residents and environment, then join the next generation of environmental health. The Environment and Public Health (EPH) summer course will get you there. To land a job, you need broad technical skills, ranging from epidemiology to environmental science to emergency response for bioterrorism attacks. You also need experience and the REHS license. This seven-week course and accompanying 200-hour (five-week) internship provides the expertise and experience you need and helps prepare you for the REHS licensing exam.

REHS: The Credential You Need in Environmental Health

Graduates of the EPH program and field training are eligible to take the New Jersey licensing exam to become a Registered Environmental Health Specialist (REHS). In New Jersey, an REHS acts as the front-line investigator for many of the state's public health and environmental regulations. REHS's work as health inspectors, environmental compliance managers and environmental consultants in both the public and private sectors. EPH graduates are working around the state, country and world on global and local issues including:

- * Developing bioterrorism preparedness plans
- * Scouting for early signs of disease outbreaks and food poisoning
- * Detection and monitoring of West Nile virus
- * Computerized mapping of rabies and Lyme disease outbreaks
- * Investigating environmental carcinogens for The World Health Organization
- * Investigating "Cancer Clusters" in New Jersey
- * Organizing and leading regional watershed planning efforts

Course Content & Format

The EPH course includes eight separate modules covering a wide range of topics in environmental health and management including: **Emerging Issues in Public Health** – updates from the cutting edge of public health in topics ranging from bioterrorism to West Nile virus to risk communication, plus public health administration topics related to the management and structure of health departments.

Public Health Sanitation – food safety and inspection techniques, and new topics on food security, as well as veterinary public health, pool chemistry, youth camps and bathing facilities.

Epidemiology – communicable disease and outbreak investigations. This is a core skill for bioterrorism and pandemic flu preparedness.

Public Health Microbiology – microbes and the symptoms, transmission and prevention of the diseases they cause.

Water and Wastewater – stream pollution investigation and water treatment systems, including a brief chemistry review to bring all students up to speed.

Environmental and Public Health Law – case preparation and court trial simulation.

Soils, Septics and the Environment – soil logs and septic system design.

Environmental Pollution – hazardous materials and pollution control strategies for air and water.

Get the experience to match your education!

After the seven-week classroom session concludes, we'll place you in a 200-hour (five-week) internship to further develop the skills that employers value. You'll gain a wide range of on-the-job skills including:

- * Conducting epidemiological investigations
- * Inspecting wholesale and retail food establishments
- * Monitoring streams, lakes and groundwater
- * Investigating air and noise pollution
- * Investigating reports of disease outbreaks
- * Addressing public health concerns such as West Nile virus and mosquito spraying techniques

What Past Graduates Say About EPH

“If you’re looking for a second career, you might go back to graduate school and spend significant time doing it. Alternatively, EPH was a great, quick class that **opened the door to a lifetime career.**”

- Tom Felcetto, REHS, Middlesex County Health Dept, EPH ‘06

“EPH provided an intense and positive learning environment. My time and money spent on this course was **a wise investment.**”

- Virginia Wheatley, MPH, REHS, NJDHSS, EPH ‘05

“It was unique to have so many experts teach in an intimate setting. I left with a network of specialists only a call or email away. **Was it worth the time and money? You bet. I successfully made a career change because of EPH!**”

- Marianne Feeney, REHS, Franklin Twp Health Dept, EPH ‘07

“**Words cannot express the impact that this program had on my life.** I wasn’t sure about dedicating my life to public health before, but now I realize how rewarding it is.”

- Janet Castro, REHS, North Bergen Health Dept, EPH ‘04

“Although I am a veteran student with 3 degrees under my belt, EPH was, by far, the **most challenging and rewarding educational program I’ve experienced.** With what I learned in EPH, I expect to have a long and fruitful career in environmental health.”

- Frank McAllen, REHS, Sr. Env. Specialist, Disease Strategies, EPH ‘08

“EPH offers the training, tools and the knowledge of instructors who work in public health. I got a part-time job right after EPH, and now it's a full-time position. **The course's impact on my career is priceless.**”

- Stephanie George, REHS, Pequannock Twp Health Dept, EPH ‘07

“EPH prepared me to enter public health in the shortest possible time. The information you learn is exactly what you practice in the field. **I would definitely recommend EPH** to a friend or colleague.”

- Keith Levine, REHS/Lead Risk Assessor, Monmouth Co. HD, EPH ‘06

“I felt completely prepared for the REHS exam and field work. [During the field training] I demonstrated what I learned in EPH and was **offered a position immediately. This class was worth the time, energy and money!!!**”

- Rachel Dornish, REHS, Camden County Health Dept, EPH ‘07

Faculty Coordinators

Vincent Agovino

Environmental Consultant/Licensed Health Officer

Richard Dewling

Principal, Dewling Associates, Inc.
(Former Commissioner, NJ-DEP)

William Manley

Coordinator, Retail Food Project, Food and Milk Program, NJDHSS

Joseph Mikulka

Senior Project Manager, Cerenzio & Panaro Engineers
(former Bureau Chief, NJ-DEP Water Compliance & Enforcement)

Donald Moore, Esq.

Attorney, Kelleher & Moore, Somerville

Donald Schaffner, Ph.D.

Extension Specialist in Food Science, Rutgers Cooperative Extension

George Van Orden, Ph.D.

Health Officer, Hanover Township Health Department

Here's what students say about EPH speakers

Bill Manley, Investigation and Inspection Techniques

"Great to have professionals like this give lectures."

George Van Orden, Epidemiology

"Inspiring with his depth of knowledge and caring for the class. Truly a remarkable, but humble, man. A great role model."

Joe Mikulka, Environmental Enforcement

"Great lecturer. Full of practical information. This was great!"

Dick Dewling, Water and Wastewater Treatment

"Another excellent teacher.
Engaging and entertaining.
I really have learned a
great deal from him.
Dick is the best!"



Students enjoy a field trip to a sewage plant with Dick Dewling and George Van Orden.

Application Requirements & Getting Started

Course Prerequisites

EPH applicants must have:

- ... 32 credits in biological, physical, environmental or health sciences (including at least one lab course; no grades below a C accepted)
- ... a minimum of 90 credits overall

Courses in biology and chemistry are strongly recommended. If you lack 32 science credits, it may be possible to register for the six-credit EPH course and/or between 1 and 3 credits of Independent Study that can be earned by completing EPH plus additional course work.. Additional fees, payable to Rutgers Summer Session, will apply. A special permission number, provided by our office, is required to register. Please contact us (732-932-9271 or eph@njaes.rutgers.edu) if you are interested in this option.

In order to sit for the state REHS Licensing Exam you must have your Bachelors Degree and successfully complete the EPH program or equivalent courses at the college level. Our office helps EPH graduates with the application process for the REHS exam.

How To Get Started

Please e-mail, fax or mail your unofficial transcripts so we can determine if you have enough credits to qualify for the course. If you do qualify, we will ask for your official transcripts along with a registration form and a \$40 non-refundable application fee. All applications must be received by May 15 to be considered for the 2009 course. After May 15, you are still invited to apply, and we will consider your application on a space-available basis. **Feel free to call 732-932-9271 or email us at eph@njaes.rutgers.edu first to get a quick read on your prospects.**

Job Referral Network and Resume Writing

This office maintains contact with thousands of professionals and hundreds of organizations in the environmental and public health fields who notify us of job openings throughout the year. EPH registrants have access to this informal job information network. Participants will also learn how to improve their resume writing skills and how to effectively write & organize their resume.

Course Time/Location, Fees & Registration Information

Time and Location

EPH meets from 8:30am-3:30pm, Mon-Fri for seven weeks on the Cook Campus in New Brunswick. The course is followed by a full-time 200-hour (five-week) internship with a health department (arranged by Rutgers).

Course Fees

The non-refundable application fee is \$40. The course registration fee is \$2,795 if received before May 15, 2009. After that date, the registration fee is \$2,945. The registration fee includes two binders of course materials that summarize class presentations and will serve as a reference for regulatory, technical and managerial information useful in the field for years to come.

How to Apply

You may fill out our application on-line (www.cpe.rutgers.edu/eph) or provide your information to us by phone, fax or mail. Please be sure to submit your transcripts when applying.

3 Ways to Register

Once your application is approved, you have three ways to register:

Phone: 732-932-9271 ~ Mon-Fri, 8:00am-4:30pm

Fax: 732-932-8726 ~ 24 hours

Mail: Registration Desk
NJAES Office of Continuing Professional Education
Rutgers University
102 Ryders Lane
New Brunswick, NJ 08901-8519

Cancellation & Payment Policies

Registrants may withdraw from the course with a full refund minus the \$40 application fee provided our office is notified of cancellation at least five (5) business days prior to the start of the course. Beyond that time, registrants may be responsible for the full registration fee if they register but do not attend. Substitutions are permitted.

All students must have prearranged for payment to be admitted to the class (purchase order, check, Visa, MasterCard, American Express or money order). Please make checks payable to *Rutgers University*.



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**Environment and Public Health
June 8-July 24, 2009 EP0502AA09**

Continuing Education Registration Fees:
 \$ 40 Application Fee
 \$2,795 On or before May 15, 2009
 \$2,945 After May 15, 2009

**Fees for Rutgers public health undergraduate
summer session students ONLY:**

\$200 Materials fee

METHOD OF PAYMENT

Check, money order or Purchase Order
 Charge to my credit card
 Visa MasterCard AMEX

Cardholder's Name (printed) _____

Signature of Cardholder _____

Card# _____

Exp. Date _____ Billing Zip _____

Yes, I want to be informed about courses and related
information through periodic messages from Rutgers via:
(*check all that apply*) e-mail fax

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party.** To unsubscribe and be removed from our list, contact us at
ocpe@njaes.rutgers.edu or by fax (732-932-1187) or phone (732-932-9271).

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Name _____ Name Tag _____

Job Title _____ Employer _____

Mailing Address _____

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Work _____ Home _____ Fax _____

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