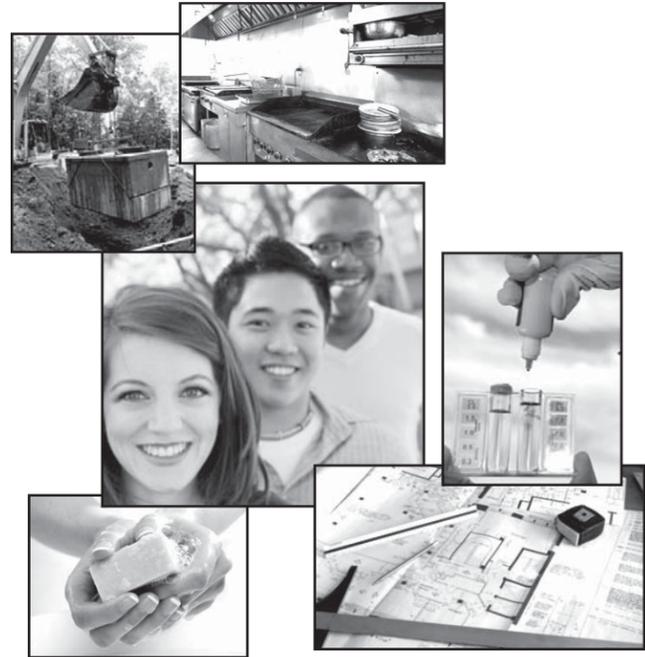




# RUTGERS



## Environment & Public Health

June 5 - July 21, 2017

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

Office of Continuing Professional Education

<b>NAES Office of Continuing Professional Education</b> Rutgers, The State University of New Jersey 102 Ryders Lane, New Brunswick, NJ 08901-8519 Ph: 848.932.9271 Fax: 732.932.8726 www.cpe.rutgers.edu/eph ~ eph@njces.rutgers.edu	
Name	Name Tag
Job Title	Employer
Mailing Address	
City	State
Work#	Home#
Cell#	Email
	Fax#
	Zip

**Program Fees**  
\$40 Application Fee (Non-refundable)  
\$3,795 - on or before May 1, 2017  
\$4,195 - after May 1, 2017 (Deadline: May 15, 2017)

**Get started by sending your unofficial transcript for review!**  
Please be sure to include your name, phone & email address.  
**Online:** www.cpe.rutgers.edu/eph  
**E-mail:** eph@njces.rutgers.edu  
**Fax:** 732-932-1187  
**Mail:** Rutgers University, Office of Continuing Professional Education,  
102 Ryders Lane, New Brunswick, NJ 08901 (ATTN: EPH Program)

If you qualify for the course, we will send you a registration form to be returned along with your **official** transcript and the \$40 non-refundable application fee.

**YES, I want to know about the latest continuing education courses and news at Rutgers!** Please contact me by (check all that apply)  email  fax  
**We will never sell, rent or exchange your contact information with a 3rd party.** To unsubscribe and be removed from our list, contact us at [ocpe@njces.rutgers.edu](mailto:ocpe@njces.rutgers.edu) or by fax 732.932.1187 or phone 848.932.9271, option 5.

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## Environment & Public Health

### Join the Field of Environmental Health

Life's too short to take just any job. The field of environmental health needs people that want to make a difference with their careers. 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 professionals. The Environment and Public Health (EPH) summer course will get you there. To land a job, you need broad technical skills in areas ranging from epidemiological investigation to environmental inspection to emergency response. 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 Registered Environmental Health Specialists (REHS). In New Jersey, an REHS acts as the front-line investigator for many of the state's public health and environmental regulations. REHSs 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:

- Assessing data & resources to control effects of a pandemic event
- Contributing to zoning dialogue for better built environments
- Detecting, reporting & investigating infectious disease outbreaks
- Developing & exercising bioterrorism preparedness plans
- GIS mapping of disease outbreaks & contamination events
- Monitoring air, soil & food for safety & regulation compliance
- Protecting surface & ground waters from contamination
- Studying insect & rodent populations to detect disease vectors

www.cpe.rutgers.edu/eph

## Course Content & Format

The EPH course is comprised of various modules covering a wide range of topics in environmental health and management including:

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

**Epidemiology:** communicable disease, modes of transmission and outbreak investigations.

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

**Public Health Sanitation:** veterinary public health, body art, tanning, pool chemistry, youth camp safety, public recreational bathing facilities and food safety principles including retail food protection, shellfish, milk, bottled water, and risk-based inspection techniques, including a mock inspection of a retail dining establishment.

**Soils, Septics and the Environment:** soil logs, site evaluation and septic system design with a field day to apply what you are learning.

**Water and Wastewater:** stream pollution investigation, water treatment systems, and a field trip to a facility to bring it all together; also includes a brief chemistry review to ensure all students are up to speed.

**AND ... Selected Topics:** from pest identification and control to risk communication, plus administration topics related to management, structure and quality improvement in health departments.

### Get Real-World Experience to Match Your Education

After the 7-week classroom session concludes, we will place you in a 200-hour internship to further develop the skills that employers value. You will gain a wide range of on-the-job skills including:

- Addressing current public health concerns
- Conducting epidemiological investigations
- Inspecting wholesale and retail food establishments
- Investigating air and noise pollution
- Investigating reports of disease outbreaks
- Monitoring streams, lakes and groundwater

Office of Continuing Professional Education

## What Graduates Say About EPH

"EPH is **not just a class, but an opportunity** to meet and learn from some of the most outstanding people in the field... the amount of material learned can be overwhelming, but there is nothing more valuable than meeting people that **live and breathe public health.**"

*Katie Lebedinsky, REHS, New Jersey Department of Health, EPH '15*

"EPH is **the best option** to pursue the REHS license. It exposes you to the skills and knowledge needed to be an REHS and thoroughly covers the information on the licensing exam through three straight months of practical and theoretical training ... you're [also] exposed to a variety of **environmental health career opportunities** ... I found EPH invaluable – I am better for it both professionally and personally."

*Bryan Coward, REHS/Recreation Supervisor, Rockaway Twp, EPH '14*

"The instructors are all active in their field and many are also employers. The internship directly led me to a job in a neighboring township as a full-time REHS, as it gave me the opportunity to work with a Health Officer who recommended me. **There really is no substitute** for the direct work experience and networking the EPH course offers."

*Cemil Andican, REHS, Randolph Twp Health Dept, EPH '13*

"For me, taking EPH in the summer following my junior year put me at **a great advantage entering the fall semester of my senior year.** The knowledge I gained through EPH was applied to nearly all of my classes, and I was able to command a greater understanding of the material."

*Thomas Mynes, REHS, Oregon Health Department, EPH '11*

"**EPH exceeded all of my expectations.** Having a course come with an internship and guidance for state licensure was amazing. I couldn't have gotten experience like this anywhere else. It was nice to go out at the end of class and put what I just learned right to use."

*Nickolas DeStefano-Blum, REHS, Middlesex County Health Dept, EPH '10*

"As a professional working in the food industry, [EPH] really helped me to **understand food safety from a regulator's view.** Additionally, it has given me much insight into industrial environmental compliance. In today's economic climate, **multiple skill sets are valued** by employers."

*Laura DePinto, REHS, QC Manager, Firmenich Flavors, EPH '09*

## EPH Coordinators

### Faculty Advisor

#### Mark Robson, PhD, MPH, DrPH

Board of Governors Distinguished Service Professor  
EOHSI - Exposure Science  
Editor-in-Chief, Human and Ecological Risk Assessment  
Environmental and Biological Sciences, Rutgers University

### Environmental Pollution

#### Joseph M. Mikulka, CPM

Senior Project Manager, CP Engineers, LLC  
Former Bureau Chief, NJ-DEP Water Compliance & Enforcement

### Epidemiology

#### Peter N. Tabbot, MPH

Health Officer, Rockaway Township Division of Health  
Adjunct Professor, Rutgers University

### Microbiology

#### Karl R. Matthews, PhD

Professor and Chair, Department of Food Science,  
Rutgers University

### Public Health Sanitation

#### William Manley, MS

Retail Food Project Leader, Public Health and Food Protection  
Program, New Jersey Department of Health

### Soil Science

#### Vincent Agovino, PhD, PWS, LSRP

Environmental Consultant, A.V. Agovino Associates, LLC

### Water / Wastewater

#### Robert M. Genetelli, QPA

IPP Coordinator, Superintendent  
Northwest Bergen County Utilities Authority

## Getting Started & Class Logistics

### Course Prerequisites

#### EPH applicants must have:

- 32 credits in biological, physical, chemical or environmental sciences (with one lab course; no grades below "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 up to nine (9) science credits earned by completing EPH plus additional course work. Additional fees, payable to Rutgers Summer Session, will apply. Please contact us if you are interested in this option.

**In order to sit for the state REHS Licensing Exam** you must have your Bachelor's 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 NJ REHS exam.

### Get Started - Apply Now!

Send us your unofficial transcript using our risk-free online application (found here: [www.cpe.rutgers.edu/eph](http://www.cpe.rutgers.edu/eph)) or send it by e-mail, fax or mail (include your name, phone & email address). If you qualify for the course, the next step is to send a completed EPH registration form (we will provide) along with your official transcript and the \$40 non-refundable application fee.

### - CONTACT INFORMATION -

**Senior Program Coordinator:** Dalynn Knigge, [knigge@rutgers.edu](mailto:knigge@rutgers.edu), 848-932-7315  
**Administrative Assistant:** Bianca Kovalenko, [scardina@rutgers.edu](mailto:scardina@rutgers.edu), 848-932-7316

**Payment Policy** - All students must have prearranged for payment to be admitted to the class.

**Fees** - Your registration fee covers any meals provided on the first and last day of class as well as two binders of course materials and additional online resources. There are no required textbooks; however, a recommended reading list will be provided with your registration confirmation.

**Cancellation & Substitution Policy** - Registrants may withdraw in writing from a class up to (3) three full working days before a course begins and receive a full refund, less any materials fee or as otherwise noted on the course webpage. If the Office of Continuing Professional Education is not notified in writing at least three working days prior to the start of class, registrants may be responsible for the full fee. **Substitutions are permitted.**

**Accommodations for Individuals with Disabilities:** If you require special assistance, please notify our office when you register or no less than one week before the course starts. Every effort will be made to accommodate reasonable requests.

### Application Deadline

Applications received by **May 1** will be reviewed and evaluated for the 2017 course on a space-available basis. Applications received after May 1 will be assessed a late fee, and no application will be considered complete until all required information is submitted.

**No applications will be accepted after May 15.**

**Questions?** Contact us at [eph@njaes.rutgers.edu](mailto:eph@njaes.rutgers.edu) or by phone:

**Dalynn Knigge**, Sr. Program Coordinator, 848-932-7315

**Bianca Kovalenko**, Administrative Assistant, 848-932-7316

### Time & Location

EPH meets from 8:45am-3:30pm, Monday-Friday for seven weeks on the Cook Campus in New Brunswick. The course is followed by a full-time 200-hour (approximately five weeks) internship at a NJ health department (placement is provided by Rutgers).

### Course Fees

The non-refundable application fee is \$40. **The registration fee is \$3,795 if received on or before May 1, 2017.** After that date, the registration fee is \$4,195. The fee includes two large binders of course materials that summarize class presentations and will serve as a useful reference for regulatory, technical, and managerial information for years to come.

### Job Referral Network and Resume Writing

Our 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.