



SCHOOL OF PUBLIC HEALTH

University of Medicine & Dentistry of New Jersey

CERTIFICATE IN CLINICAL EPIDEMIOLOGY

This program is intended for:

- ▶ Clinicians (physicians and nurses);
- ▶ Other clinical researchers; and
- ▶ Those working in pharmaceutical and related industries.

Campuses offering certificate:

- ▶ Newark
- ▶ Piscataway/New Brunswick

Certificate program coordinators:

- ▶ Newark Campus
Michael Brimacombe, PhD
Phone: (973) 972-5229
Email: brimacmb@umdnj.edu
- ▶ Piscataway/New Brunswick Campus
Kitaw Demissie, MD, PhD
Phone: (732) 235-5267
Email: demisski@umdnj.edu

Admission requirements:

Applicants must have:

- ▶ Completed an accredited undergraduate program in the U.S. or its equivalent;
- ▶ Demonstrated superior academic achievement in an appropriate discipline;
- ▶ Academic credentials at least equivalent to those required for the MPH program.

Applicants must submit:

- ▶ Application for Admission;
- ▶ Official Transcripts of all prior work;
- ▶ Letter of Intent, including statement of purpose for application to the program;
- ▶ Two (2) Letters of Recommendation; and
- ▶ Application Fee.

International applicants must submit:

- ▶ TOEFL scores and WES evaluations.

Note: The GRE **is required** for this certificate program.

Duration of Certificate:

This 5-course, 15-credit program must be completed within two years.

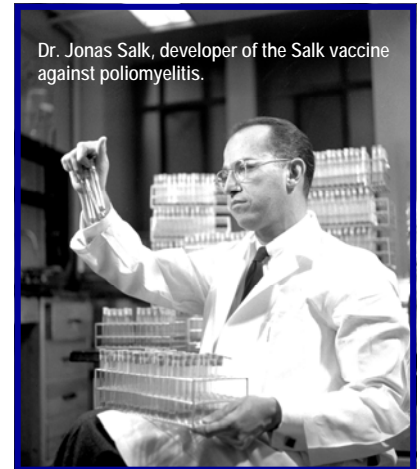
Curriculum Requirements (15 credits):

- ▶ PHCO 0502 - Principles and Methods of Epidemiology (3 cr.)
- ▶ PHCO 0504 - Introduction to Biostatistics (3 cr.)
- ▶ One of the following:
 - QNME 0611 - Design of Epidemiologic Studies and Clinical Trials (3 cr.)
 - EPID 0652 - Epidemiology of Chronic Diseases (3 cr.)
 - EPID 0656 - Intermediate Epidemiologic Research Methods (3 cr.)
- ▶ One of the following:
 - BIST 0660 - Clinical Trials: Design and Analysis of Medical Experiments (3 cr.)
 - QNME 0609 - Clinical Trials Overview: Methodology and Practice (3 cr.)
- ▶ One elective from the discipline of epidemiology (list of electives available upon request)

Competencies of Certificate Graduates:

Upon graduation, each graduate will be able to:

- ▶ Apply epidemiologic study designs to clinical questions;
- ▶ Critique and interpret clinical epidemiologic studies;
- ▶ Use commonly applied methods for clinical studies;
- ▶ Design, conduct, and interpret clinical trials; and
- ▶ Plan and coordinate the investigation of an outbreak of disease.



Dr. Jonas Salk, developer of the Salk vaccine against poliomyelitis.

Photo Credit: March of Dimes Birth Defects Foundation



Please visit us at <http://sph.umdnj.edu>

for course descriptions
and schedules.

The UMDNJ-School of Public Health
is sponsored by the
University of Medicine and Dentistry of New Jersey
In cooperation with Rutgers, The State University of New Jersey
and
New Jersey Institute of Technology.