UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY
SCHOOL OF PUBLIC HEALTH - BIOMETRICS DIVISION

UMDNJ SCHOOL OF PUBLIC HEALTH
University of Medicine & Dentistry of New Jersey

in co-sponsorship with the

AMERICAN STATISTICAL ASSOCIATION - NEW JERSEY CHAPTER

Presents

Treating Patients Individually Using Dose Escalation With Overdose Control in Phase I Studies

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Philadelphia, PA

ABSTRACT

We will discuss EWOC (Escalation with Over Dose Control), the first statistical method to directly incorporate formal safety constraints into the design of cancer phase I trials. The method controls the frequency of overdosing by selecting dose levels for use in the trial so that the predicted proportion of patients administered a dose exceeding the MTD is equal to a specified upper bound. We will also discuss an extension of EWOC that permits the utilization of information concerning individual patient differences in susceptibility to treatment. This is the first method described to design cancer clinical trials that not only guides dose escalation but also permits personalization of the dose level for each specific patient. The method adjusts doses according to patient-specific characteristics and allows the dose to be escalated as quickly as possible while safeguarding against overdosing. The extension of EWOC to covariate utilization was implemented in four FDA approved phase I studies that will be also discussed.

Friday, April 16, 2004
Refreshments: 3:30; Seminar: 4:00 – 5:00
UMDNJ School of Public Health
683 Hoes Lane West, Room 3AB (Third Floor) Piscataway, NJ
(Direction and map attached; or see **http://sph.umdnj.edu/campus/NB_Pisc.htm**)
Registration before April 13**:** (There is no charge for this seminar, but pre-registration is required to reserve a seat.)
Please e-mail to: Ms. Patricia Saunders at **SaundePa@umdnj.edu**

OUR MISSION: "The UMDNJ School of Public Health is a statewide, multi-institutional, multi-campus scholarly community dedicated to improving the health of diverse populations in New Jersey and elsewhere through collaborative teaching, research, and services."

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Directions to UMDNJ Piscataway Campus

From the South via the New Jersey Turnpike:

Take exit 9-New Brunswick to Route 18 North through New Brunswick and across the Raritan River. As you cross the bridge, stay in the left lane to make a left onto River Rd. Go half a mile to the second light, and turn right on Hoes Lane. Follow directions from Hoes Lane.*

From the Garden State Parkway North or South, or From the North via the New Jersey Turnpike:

Take the GSP north to exit 127 or south to exit 129 to I-287 North; or the New Jersey Turnpike to exit 10 to I-287 North. Take I-287 to the Bound Brook/Highland Park Exit; turn left at the end of the exit onto River Rd. At the third traffic light (about 3 miles) turn left onto Hoes Lane. Follow directions below from Hoes Lane.*

From Route 287 Northbound:

From exit 9 Boundbrook/Highland Park, turn left at the end of the exit onto River Rd. At the third traffic light (about 3 miles) turn left onto Hoes Lane. Follow directions from Hoes Lane, West.*

From Route 287 Southbound:

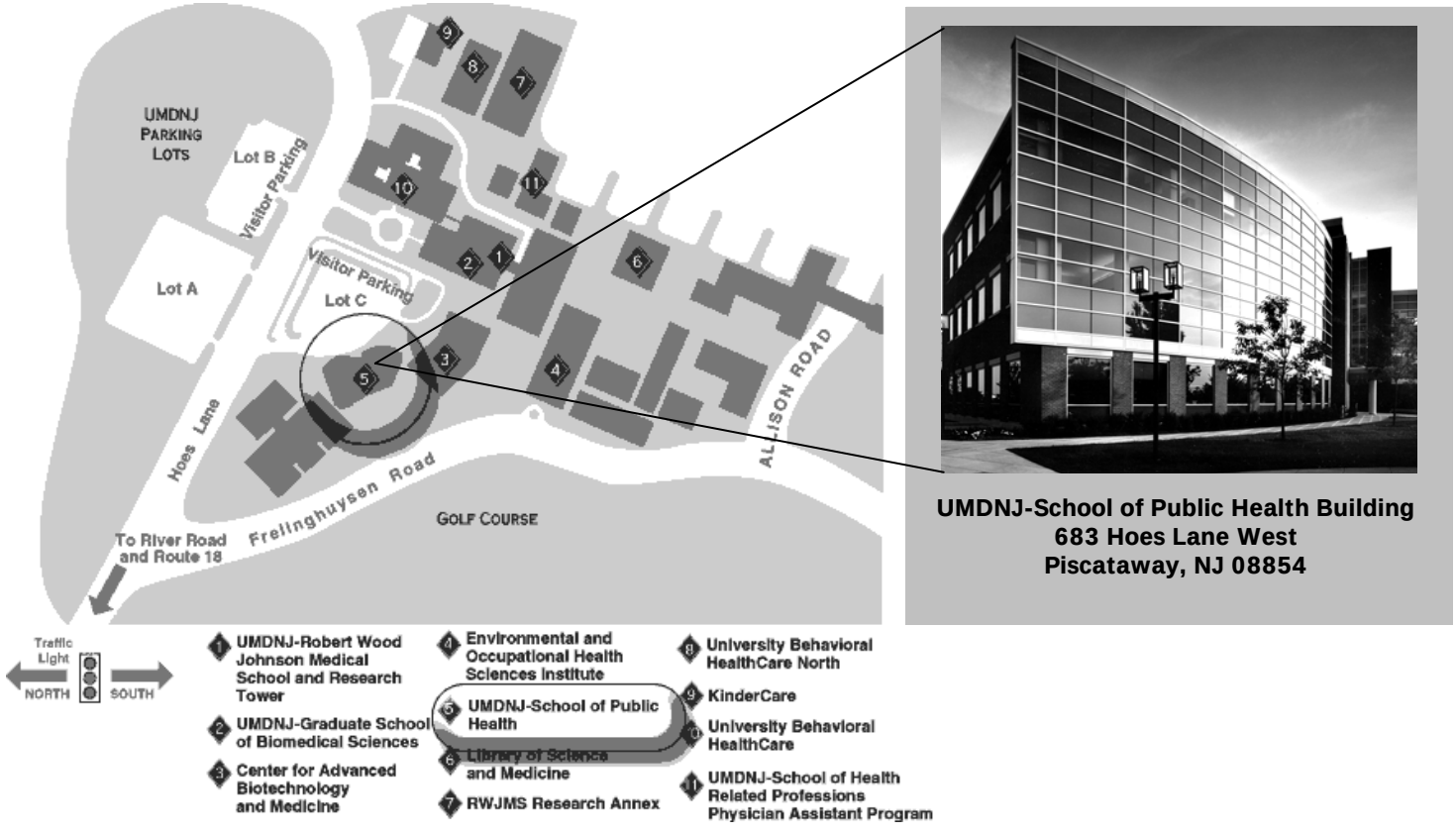
From exit 9 Boundbrook/Highland Park, turn right at the end of the exit onto River Rd. At the third traffic light (about 3 miles) turn left onto Hoes Lane. Follow directions from Hoes Lane.*

*From Hoes Lane to Visitor Parking:

Proceed about a mile to a sign for UMDNJ; a short distance later is a sign for Robert Wood Johnson Medical School.

The School of Public Health is a brick and glass building on Parking Lot C. The seminar is on the third floor.

Parking Lots A,B,C will be free of charge after 3:00 p.m. for participants of this seminar event on April 16, 2004.



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