

Physician's
Assistant Course
in Pathology & Laboratory Medicine
-2007-

Department of Pathology and Laboratory Medicine
UMDNJ – Robert Wood Johnson Medical School

Cast of Characters



Dr. Gene Martin



Dr. Peter Amenta
Chairman
and
Interim Dean, RWJMS



Nancy Martin and
Friend

Faculty in PA Pathology

New Jersey Dental School, Newark

- Dr. Arnold Rosenheck, D.M.D.

Raritan Bay Medical Center, Perth Amboy

- Dr. Frederick Stone
- Dr. Kong Tan

Somerset Medical Center, Somerville

- Dr. Anthony D'Aguillo

Southern Ocean County Hospital, Manahawkin

- Dr. Nagy Mikhail

Saint Peters University Hospital, New Brunswick

- Karel Raska, M.D., Ph.D.

Guest Lecturers

- Timothy Hosea, M.D., New Brunswick, New Jersey

- Sindy Paul, M.D., NJ State Department of Health - President Board of Medical Examiners

Robert Wood Johnson Medical School

- Dr. Peter Amenta - Chairman, Pathology & Interim Dean
- Dr. Daphne Ang
- Dr. Asima Arslan
- Dr. Evan Cadoff
- Dr. Brando Cobanov
- Dr. Billie Fyfe-Kirschner
- Dr. Daniel Hart
- Dr. Rachel Hudacko
- Dr. Monica Ianosi-Irimie
- Dr. Roy Rhodes
- Dr. Eric Richfield
- Dr. Amrik Sahota
- Dr. Paula Rodriguez-Urrego
- Dr. Gratian Salaru
- Dr. Robert Trelstad

Core Missions of the Department of Pathology and Laboratory Medicine

- **Clinical Service**
- **Research**
- **Teaching**

CLINICAL SERVICE

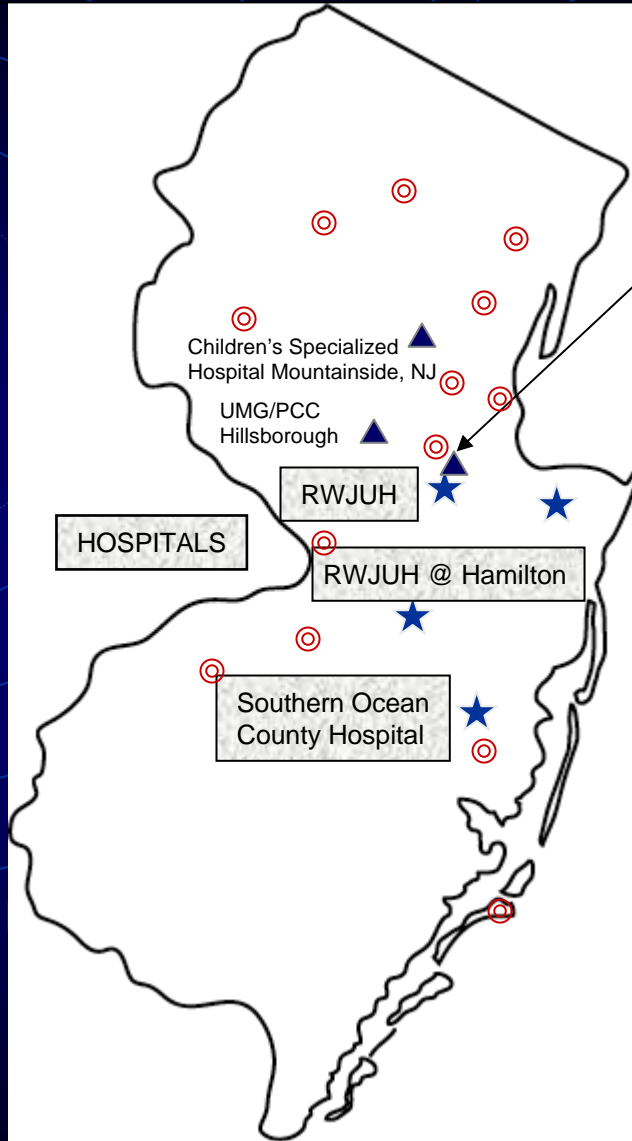
AP/CP SERVICES

- Robert Wood Johnson University Hospital
- Robert Wood Johnson at Hamilton
- Raritan Bay Medical Center
- Southern Ocean County Hospital
- Bayshore Medical Center

CLINICAL PATHOLOGY SERVICES (ONLY)

- Mountainside Children's Hospital
- University Medical Group – Multiple sites
- HIV Laboratory Support – Statewide
- <http://www2.umdnj.edu/udlweb/>

RWJMS Department of Pathology Sites



POCT SITES

Clinical Academic Building
 Clinical Research Center
 Cancer Institute of NJ (CINJ)
 HIV clinic (NJ DOH grant)
 Medical Education Building
 1 RWJ Place, New Brunswick

FMMS @ Monument Square
 317 George St., New Brunswick

Reproductive Endocrinology
 303 George St., New Brunswick

Chandler Health Center
 277 George St., New Brunswick

Bayshore Medical Center

NJ DOH AIDS RAPID TESTING GRANT -

Atlantic City Health Dept
 Camden City Health Dept
 Henry J. Austin Hlth. Dept.
 E. Orange Health Dept.
 Morristown Mem. Hosp.
 Ocean City Health Dept.
 Bergen County Health Dept.
 Hyacinth Foundation
 Trinitas Hospital
 Hunterdon County Health Dept.
 Burlington County Health Dept.
 Newark Community Health Center
 Plainfield Community Health Center
 Raritan Bay Medical Center
 NJCRI.

RESEARCH

- Multiple Areas of Investigation
 - Basic Science
 - [Carr](#)
 - [Foran](#)
 - [Wadsworth](#)
 - [Winkleman](#)
 - [Yurchenco & Li - Matrix Biology Laboratory](#)
 - Clinical Science
 - Cadoff
 - Martin
- Many sources of support
 - Federal
 - State
 - Foundation
- <http://www2.umdj.edu/pathpweb/research1.htm>

In the Footsteps of the WHO HIV Rapid Testing in the US



Eugene G. Martin, Ph.D.
Robert Wood Johnson Medical School
New Brunswick, NJ

CZECHOSLOVAK SOCIETY OF ARTS AND
SCIENCES

SVU

23RD World Congress

Ceske Budejovice

2006

Czech roots: New and Old

Dr. Jana Raskova

Dr. Karel Raska, Jr.

Dr. Stephen Shea



Raska, Jr., K, Kim, HC, Raska, III, K, Martin, E, Raskova, J and Saidi, P. Human Immunodeficiency Virus (HIV) Infection in Haemophiliacs: Long Term Prognostic Significance of the HIV Serologic Pattern. Clin. exp. immunol. 77: 1-6, 1989.

Departmental Teaching Efforts

- Medical Student 2nd Year Course
- Physician's Assistant Program
- Integrated Case Course 2nd Year
- Resident Teaching in Pathology
- Clinical Conferences

- Graduate Teaching Program

The background features three overlapping circles of varying sizes, each with a dashed line extending from its center towards the corners of the frame. The circles are light blue and overlap in the center, creating a complex geometric pattern.

PA 2007

Overview

Course Objectives

- Understand the relationship between structure and pathophysiologic function
- Anticipate the natural course of disease
- Interpret signs and symptoms elicited in a patient's history
- Interpret clinical laboratory data
- Understand the possible avenues of medical or surgical therapy

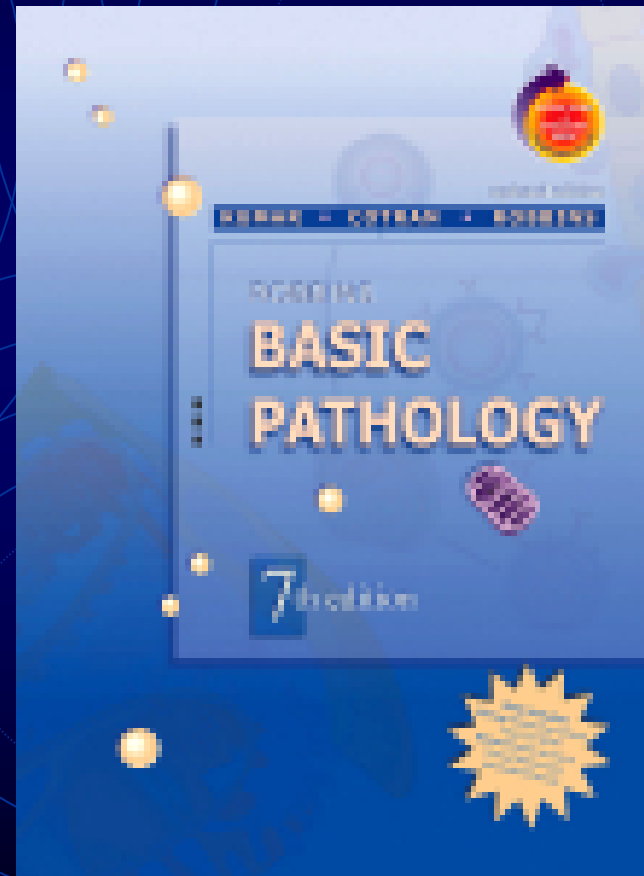
- *We do not focus on the histopathology of the disease, we do FOCUS on the pathophysiology of disease processes*

BASIC PATHOLOGY, Seventh Edition

By Kumar, Cotran, and Robbins

ROBBINS BASIC PATHOLOGY

- Textbook of human pathology for medical and allied health students.
- FULL TEXT ONLINE .
- Correlates structure and functional disturbances
- Indicates how pathologic processes cause various clinical manifestations.
- Our approach:
 - General concepts
 - Pathophysiologic systems
 - Clinico-pathologic correlations



General Information

- Textbooks –
 - **ROBBINS BASIC PATHOLOGY** by Kumar, Cotran, and Robbins
 - **Laboratory Medicine Casebook – Raskova et al. –**
 - OUT OF PRINT
 - CD ROM is available for your use in Teaching Lab computers
 - Powerpoint versions of most cases:
http://www2.umdj.edu/pathpweb/case_based_studies.htm
- Support Materials:
 - Lecture Powerpoints:
http://www2.umdj.edu/pathpweb/new_page_2.htm
 - Web Based Quiz:
http://www2.umdj.edu/pathpweb/physician_assistants.htm

Grading Policy

- 2 course examinations and a final CUMULATIVE exam
- Each exam - approximately 65 questions
 - 65-75% of the questions from the Textbook
 - 25-35% from the Lectures and Case Studies.
- Overall examination grade of 65% is required to pass the course
- Weighting
 - Exams 1 and 2 – 30% each.
 - Final – 40%.
- The final average will be rounded up to the next integer (i.e. 64.1 avg. = 65)

| | | | |
|------------|----|---------|---|
| • 90 - 100 | A | 70 - 74 | C |
| • 85 - 89 | B+ | 65 - 69 | D |
| • 80 - 84 | B | 0 - 64 | F |
| • 75 - 79 | C+ | | |

Contact Information:

- Ms. Martin – mundienj@umdnj.edu 732 235-4033
- Dr. Martin – martineu@umdnj.edu 732 743-3626
- In the event of a weather-related issue contact:
 - Jill Reichman's prompt (732) 235-4444

Radio Stations with Weather Related Information

- STATEWIDE:

- NEWS 12 NEW JERSEY (Cable News)
- NJ 101.5 FM
- WBUD-1260 AM

- NORTHERN NEW JERSEY:

- WCBS-880 AM
- WOR-710 AM

- WBUD-1260 AM
- WKXW-101.5 FM

- CENTRAL NEW JERSEY:

- WCTC-1450 AM
- WMGQ-98.3 FM

- WKXW-101.5 FM

- SOUTHERN NEW JERSEY:

- KYW-1060 AM (Code: 615)

- WBSS-97.3 FM