

## PROFILE OF FACULTY, STAFF, INTERNS & RESIDENTS

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**UMDNJ FACULTY  
Academic Year 2006-2007**

SCHOOL	Paid Faculty*				Volunteer Faculty			
	Tenured	Tenure Track	Non-Tenured	Total	Male	Female	Total	
New Jersey Medical School	153	83	553	789	526	263	789	1,283
Robert Wood Johnson Medical School	159	73	803	1,035	635	400	1,035	1,568
School of Osteopathic Medicine	23	8	164	195	114	81	195	360
New Jersey Dental School	33	8	167	208	162	46	208	140
School of Health Related Professions	12	11	288	311	103	208	311	274
School of Nursing	9	12	91	112	10	102	112	126
School of Public Health	11	14	45	70	36	34	70	108
<b>UMDNJ Total</b>	<b>400</b>	<b>209</b>	<b>2,111</b>	<b>2,720</b>	<b>1,586</b>	<b>1,134</b>	<b>2,720</b>	<b>3,859</b>

Note: Graduate School of Biomedical Sciences' faculty hold primary appointments in the medical or dental schools.

\* Includes 100% coterminous faculty

Source: Annual Faculty Data Report, Academic Year 2006-2007, UMDNJ-Office of Institutional Research.  
Data as of October 1, 2006

## **MASTER EDUCATORS' PROGRAM AT UMDNJ**

### **BACKGROUND**

**Purpose:** Although education is the primary mission of the University, faculty members often garner greater recognition internally and externally for their research and clinical accomplishments than their excellence as educators. This paradox is by no means unique to UMDNJ, but quite common in academic health centers, in which excellence in education often is subordinated to research and clinical achievements in promotion and tenure decisions.

To emphasize the value placed upon faculty excellence in teaching, consistent with the University's strategic goals, Dr. Stuart Cook formally launched the Master Educators' Program at UMDNJ at his inauguration on April 9, 1999. Shortly thereafter, a University-wide committee chaired by the Dean of the UMDNJ-School of Health Related Professions (SHRP) was convened to determine the scope of the program and the general criteria to be employed in selecting Master Educators throughout the Schools of the University. The committee recommended the creation of a UMDNJ Master Educators' Guild, charged to help the University forge excellence in education throughout its Schools and to provide leadership in the continuous improvement of the teaching/learning continuum of the University's educational mission through educational scholarship, research and innovation. In June 2004, the Guild was officially named the Stuart D. Cook, M.D. Master Educators' Guild, in honor of its founder.

The Stuart D. Cook, M.D. Master Educator Award recognizes faculty members for a commitment to excellence in education as demonstrated over a long period of time. It moves beyond the concept of excellence in teaching to the more global concept of education, which includes the considerations of learning and teaching styles, and the multiple settings in which education occurs at UMDNJ. Toward this purpose, the recipients of the Stuart D. Cook, M.D. Master Educator Award are expected to work together in the Stuart D. Cook, M.D. Master Educators' Guild to continuously improve education at UMDNJ. Through a formal structure and bylaws that were first approved in September 2001 and revised in 2005, the Guild provides a stable foundation and home for the Master Educators to bring their influence to bear on the improvement of education throughout the Schools of UMDNJ and to share this expertise with educators in health sciences venues across the nation.

**Criteria:** Nominees for Master Educator designation must demonstrate:

- Exceptional teaching skills in either a traditional modality of education (lecture, laboratory or clinical teaching) or an alternative form of teaching such as web-based education or another form of distance learning.
- Creativity in curricular design or innovation in the delivery of education to students; currency in knowledge.
- The requisite level of scholarship.
- Efficiency and effectiveness in teaching.
- The ability to engender enthusiasm among students, such that they are motivated to master the relevant subject matter or clinical competency.
- High regard as an excellent educator by his/her peers.

Within these general University-wide guidelines, each School of UMDNJ has developed specific criteria for selection and has established a Master Educator Review Committee comprising faculty, students and faculty administrators.

## ACCOMPLISHMENTS TO DATE

**Induction of Guild Members:** In September 2000, the first 12 Master Educators were selected and inducted into the newly formed Master Educators' Guild. Additional classes have been inducted annually, with a current total of over 66 members from the eight Schools of the University. It is a diverse group with regard to professional background and focus, and in 2006 the first librarian was inducted. The next class of Master Educators will be inducted on University Day, September 18, 2007.

The Guild is actively engaged in several projects, described below.

**Online Center for Excellence in Health Sciences Education and Teaching** (<http://cte.umdnj.edu>): This Center, which helps the Guild achieve its role in promoting educational excellence through the innovative use of information technologies, was established and funded through the University's Educational Technology Mini-Grant Program. The Center has three primary goals: to support, promote and enhance School and University-wide faculty development, furthering collaboration across the University by overcoming the barriers of time and place; to serve as a comprehensive resource center for the health sciences teaching community at large, projecting the University's educational expertise outward to the worldwide Internet community; and to provide a "virtual home" for the Master Educators' Guild. Officially launched during the 2004 University Day ceremonies, the Center's website provides a venue for the following activities:

- Coordinate and disseminate information on faculty development opportunities provided by the UMDNJ Schools (via an interactive online calendar).
- Provide University-wide mentoring and consultation services (via a new faculty mentoring program, a searchable database of faculty consultants, and a consultation discussion forum).
- Offer selected online programming of broad interest and appeal (via WebCT courses/tutorials).
- Publish and provide desk-top delivery of regular features on selected teaching and learning topics (e.g., educational technology, student evaluation, problem-based learning, clinical education, etc.).
- Serve as a dynamic repository of scholarly information on teaching and learning in the health professions (via provision of prestructured PubMed bibliographic queries and a large searchable database of relevant educational literature).
- Serve as a gateway to related sites (including other online University teaching centers and education and technology e-journals).
- Provide opportunities for external enrollment in selected online courses and tutorials offered by the University and/or Guild.
- Serve as the Guild's electronic archives, providing background information on the Guild, its origin, purpose, history and achievements.
- Provide a Guild Gallery, to include members' biographies and links to their research/scholarship.
- Furnish a gateway to the Guild's collaborative intranet.

Use of the Center for Teaching Excellence is robust. It was visited over 30,000 times from May to June, 2007, representing a 92% increase in visits over last year. Visitors came from all six populated continents, with 86 percent being new to the Center and 14 percent being return users. Most external visitors found the Center via a Google search. All sections of the web site saw an increase in pageviews over last year. Active Learning was the most visited section of the Center, followed in order by Student Evaluation, Clinical Education, Traditional Teaching, Career Development and the Technology Corner.

**Faculty Mentoring Initiative:** Academic Mentoring is a major initiative of the Stuart D. Cook, M.D. Master Educators' Guild, reflecting the conviction of the members of the Guild that an organized system of mentoring will promote educational improvement across the University. The Guild already provides informational resources on mentoring through its Online Center, and has developed draft recommendations and guidelines on faculty mentoring. The guidelines first provide an overview of successful mentoring models, including the roles and responsibilities of both mentors and mentees. They then focus on mentoring at UMDNJ, including structure, responsibilities, incentives, evaluation and the role of the Stuart D. Cook, M.D. Master Educators' Guild in the process.

**Academic Integrity Initiative:** In association with the theme of Academic Integrity selected by the Master Educators' Guild for its AY 2005-2006 Grand Rounds and Symposium (see below), the Guild formed a new Committee on Academic Integrity. The Committee has gathered data from all Schools to determine the current status of academic integrity and activities designed to foster academic integrity at UMDNJ; analyzed the existing honor codes and codes of ethics of each School; and prepared the first draft of a "white paper" that presents recommendations for unification or standardization of guidelines among all Schools. The Committee will finalize its recommendations by the fall of 2007, before disseminating the document to the UMDNJ President and Academic Deans for review/adoption.

**Annual Master Educators' Guild Symposia:** Since 2002, the Guild has sponsored a series of annual symposia open to all faculty of the University on topics it believes to be integral to its purposes. Each has featured a distinguished keynote speaker as well as workshops, demonstrations, discussion groups or poster sessions led by Master Educators and other faculty members. Themes have included educational technology, academic mentoring, the scholarship of teaching and learning, collaboration and interdisciplinary education, and academic integrity. In 2007, the Guild partnered with the NJEDGE.Net and the UMDNJ Informatics Institute in hosting a conference entitled Best Practices Showcase: Integrating Technology into Learning.

**Annual University Day Educational Grand Rounds:** Beginning in 2003, the Master Educators' Guild instituted another innovative approach to the attainment of its mission: Educational Grand Rounds during the annual University Day program in September. Topics generally complement the theme for the spring symposium, and have included professionalism among health care providers, integrating professional education and facilitating collaboration through mentoring, and academic integrity.

## **ENDOWED CHAIRS**

### **UMDNJ-NEW JERSEY MEDICAL SCHOOL**

Wesley J. Howe Chair in Trauma Surgery (1987)  
Department of Surgery  
*David Livingston, MD*

Harris L. Willits Chair in Urology (1987)  
Department of Surgery  
*Mark L. Jordan, MD*

Francois-Xavier Bagnoud Chair in Pediatric Allergy (1990)  
Department of Pediatrics  
*James M. Oleske, MD*

Ledyard H. Pfund Chair in Medicine (1993)  
*Dorothy Vatner, MD*

UMDNJ Endowed Professor of Geriatric Medicine (1994)  
*(vacant)*

UMDNJ Endowed Professor of Emerging and Re-Emerging Infectious Diseases  
(1998)  
*Jerrold J. Ellner, MD*

Ruth Dunietz Kushner and Michael Jay Serwitz Chair in Multiple Sclerosis (1999)  
*Stuart D. Cook, MD*

Frederick F. Buechel, MD, Chair for Joint Replacement (2003)  
*(Vacant)*

Rena Warshow Chair in Multiple Sclerosis (2003)  
*Teresa L. Wood, PhD*

The Sharon and Joseph Muscarelle Endowed Dean (2005)  
*Robert L. Johnson, MD*

The Thomas P. Infusino Chair (2005)  
*Andrew P. Thomas, PhD*

### **UMDNJ-NEW JERSEY DENTAL SCHOOL**

Robert and Susan Carmel Chair in Algesiology (1995)  
*Eli Eliav, PhD*

UMDNJ Endowed Professor of Community Health (1993)  
*Hillary L. Broder, PhD, MEd*

UMDNJ Endowed Professor of Dental Public Health (2000)  
(vacant)

## UMDNJ-ROBERT WOOD JOHNSON MEDICAL SCHOOL

John G. Detwiler Professor of Cardiology (1985)  
Department of Medicine  
*John B. Kostis, MD*

William H. Conzen Chair in Clinical Pharmacology (1987)  
CABM (Center for Advanced Biotechnology and Medicine)  
(Vacant)

UMDNJ Endowed Professor of Public Health (1988)  
*George Rhoads, MD, MPH*

William Dow Lovett Chair in Neurology (1990)  
Department of Neurology  
*Mary Maral Mouradian, MD*

Richard C. Reynolds Chair in General Internal Medicine (1996)  
Department of Medicine  
*Jeffrey L. Carson, MD*

Philip D. Gilbert Chair in Radiology (1997)  
Department of Radiology-Camden  
(Vacant)

The Laura Gallagher Chair in Developmental Biology at the Child Health Institute of  
New Jersey (2000)  
*Francesco Ramirez, PhD*

The Unilever Chair for the Study of Diet and Nutrition in the Prevention of Chronic  
Diseases at the Cancer Institute of New Jersey (2000)  
(Vacant)

The Harold L. Paz, MD, Chair in Developmental Biology at the Child Health Institute  
of New Jersey (2000)  
*Robert L. Trelstad, MD*

Melvyn and Ab Motolinsky Chair in Medicine for Hematology (2000)  
Department of Medicine  
*Parvin Saidi, MD*

Takara Endowed Chair in Bioinformatics (2001)  
Department of Biochemistry  
*Masayori Inouye, PhD*

The James W. Mackenzie, MD, Chair in Surgery (2001)  
*Peter Scholz, MD*

Norman and Ruth H. Rosenberg Chair in Vascular Surgery (2002)  
Department of Surgery  
*Alan M. Graham, MD*

Richard Harvey Professorship in Innovative Teaching (2002)  
*Stephen F. Lowry, MD*

Norman Edelman Professorship in Bioinformatics (2002)  
Department of Pharmacology  
*William J. Welsh, PhD*

Thomas Strax, MD/JFK Johnson Rehabilitation Institute Professorship (2004)  
*(Vacant)*

Merck Research Laboratories Professorship in Clinical Pharmacology (2004)  
*(Vacant)*

UMDNJ Endowed Professor of Community Health and Health Policy (2006)  
*(Vacant)*

Janis and Gary Grover Endowed Professor in Physiology and Biophysics  
*(Vacant)*

#### **UMDNJ-SCHOOL OF OSTEOPATHIC MEDICINE**

UMDNJ Endowed Professor of Gerontology (1991)  
*Rachel A. Pruchno, PhD*

Osteopathic Heritage Endowed Chair for Primary Care Research (2005)  
*Thomas Cavalieri, DO*

#### **UMDNJ-SCHOOL OF NURSING**

Francois-Xavier Bagnoud Chair in Community Pediatric Nursing  
*(vacant)*

UMDNJ Endowed Professor of Oncology (2004)  
*(vacant)*

#### **UMDNJ-SCHOOL OF PUBLIC HEALTH**

UMDNJ Endowed Professor of Dental Public Health (2000)  
*(vacant)*

#### **UMDNJ-SCHOOL OF HEALTH RELATED PROFESSIONS**

UMDNJ Endowed Professor of Complementary and Alternative Medicine (2002)  
*Adam I. Perlman, MD*

## **UNIVERSITY PROFESSORS**

The University Professors program was inaugurated in 1999 to encourage the recruitment of highly successful research scientists with a distinguished record of obtaining federally funded research grants, who bring with them to UMDNJ at least \$500,000 in annual federal research support. These individuals hold the title of University Professor concurrently with their regular academic titles.

**Joseph R. Bertino, MD**

Professor of Medicine, Robert Wood Johnson Medical School  
Interim Director, Cancer Institute of New Jersey

**J. Don Chen, PhD**

Professor of Pharmacology, Robert Wood Johnson Medical School

**Scott R. Diehl, PhD**

Professor of Oral Biology, New Jersey Dental School  
Director, Center for Pharmacogenomics, New Jersey Dental School

**Jerrold J. Ellner, MD**

UMDNJ Endowed Professor for the Study of Emerging and Re-Emerging  
Infectious Diseases

**William C. Gause, PhD**

Professor of Medicine, New Jersey Medical School  
Senior Associate Dean for Research, New Jersey Medical School

**Jianjie Ma, PhD**

Professor of Physiology and Biophysics, Robert Wood Johnson Medical School

**Daniel A. Notterman, MD**

Professor of Pediatrics, Robert Wood Johnson Medical School

**Rachel A. Pruchno, PhD**

Professor of Medicine, School of Osteopathic Medicine  
Director of Research, New Jersey Institute for Successful Aging

**Jeanette A. Rogowski, PhD**

Professor of Health Systems and Policy, School of Public Health  
Director, Center for Health Economics and Health Policy, School of Public Health

**Padmini Salgame, PhD**

Professor of Medicine, New Jersey Medical School

**Zhiyuan Shen, MD, PhD**

Associate Professor of Radiation Oncology, Robert Wood Johnson Medical  
School  
Chief, Division of Radiation Cancer Biology, Robert Wood Johnson Medical  
School

**Yufang Shi, DVM, MSc, PhD**

Professor of Molecular Genetics, Microbiology & Immunology, Robert Wood Johnson Medical School

**Stephen F. Vatner, MD**

Professor of Cell Biology and Molecular Medicine, New Jersey Medical School  
Chair, Department of Cell Biology and Molecular Medicine, New Jersey Medical School  
Director, Cardiovascular Research Institute

**Cathy Spatz Widom, PhD**

Adjunct Professor of Psychiatry, New Jersey Medical School

**Sunil Wimalawansa, MD, PhD**

Professor of Medicine, Robert Wood Johnson Medical School  
Chief, Division of Endocrinology, Metabolism and Nutrition, Robert Wood Johnson Medical School

**Teresa L. Wood, PhD**

Professor of Neurology and Neurosciences, New Jersey Medical School  
Vice Chair for Basic Science Research, New Jersey Medical School  
Rena Warshow Chair in Multiple Sclerosis

**X.F. Steven Zheng, PhD**

Associate Professor of Pharmacology, Robert Wood Johnson Medical School

## **GRADUATE MEDICAL AND DENTAL EDUCATION**

### **HOUSESTAFF TOTALS BY PROGRAM, 2006-2007 UMDNJ-NEW JERSEY MEDICAL SCHOOL**

<b>PROGRAM</b>	<b>TOTAL HOUSESTAFF</b>
Allergy/Immunology	3
Anesthesiology	27
Cardiology	10
Dermatology	6
Dermatology/Pathology	1
Emergency Medicine	13
Endocrinology	2
Endovascular Neuroradiology	1
Family Practice	25
Gastroenterology	9
Hepatology	3
IM/Geriatrics	2
IM/Pediatrics	15
Infectious Diseases	7
Internal Medicine	110
Medical Genetics	1
Musculoskeletal Oncology	2
Nephrology	5
Neurology	18
Neurology-Child	2
Neurology-Multiple Sclerosis	1
Neurology/Surgery	11
Neurology-Vascular	1
Ob/Gyn	27
Ob/Gyn-Maternal/Fetal	2
Ob/Gyn-Reproductive Endocrinology & Infertility	3
Ophthalmology	15
Orthopaedics	31
Orthopaedics/Hand Surgery	1
Otolaryngology	10
Pathology	13
Pediatrics	49
Pediatric Allergy & Immunology	1
Pediatric Infectious Diseases	3
Physical Medicine & Rehabilitation	27
PM&R-Musculoskeletal Rehabilitation	2
PM&R-Spinal Cord Injury	3
PM&R-Stroke Rehabilitation	1
PM&R-Traumatic Brain Injury	1

<b>PROGRAM</b>	<b>TOTAL HOUSESTAFF</b>
Plastic Surgery	4
Psychiatry	29
Psychiatry/Child	5
Pulmonary Critical Care	9
Radiology, Diagnostic	20
Surgery	62
Surgical Critical Care	1
Transplant Surgery	1
Urology	8
Vascular Surgery	4
<b>TOTAL</b>	<b>607</b>

**Percent American Medical Graduates = 56.7**

Source: Survey of UMDNJ GME and GDE Programs and Housestaff, UMDNJ-Office of Institutional Research. Data as of September 1, 2006

**HOUSESTAFF TOTALS BY PROGRAM, 2006-2007**  
**UMDNJ-ROBERT WOOD JOHNSON MEDICAL SCHOOL**

<b>PROGRAM</b>	<b>TOTAL HOUSESTAFF</b>
Anesthesiology	31
Anesthesiology/Cardiac	1
Anesthesiology/Pain Management	2
Cardiology	10
Cardiology/Congestive Heart Failure	1
Cardiology-Interventional	1
Colon-Rectal Surgery	3
Cranio-Facial Surgery	1
Dermatology	3
Endocrinology	4
Family Practice	39
FP/Geriatric Medicine	2
FP/Sports Medicine	1
Gastroenterology	5
Hematology/Oncology	12
Infectious Diseases	4
Internal Medicine	77
Neonatal/Perinatal Medicine	6
Nephrology	4
Ob/Gyn	23
Ob/Gyn-Maternal/Fetal	3
Orthopaedics	16
Pathology	8
Pathology/Hematology	1
Pediatric Critical Care	1
Pediatrics	37
Preventive Med/Occupational Med	3
Psychiatry	20
Psychiatry/Addiction	3
Psychiatry/Child	7
Psychiatry/Geriatric	2
Pulmonary Critical Care	6
Radiology, Diagnostic	18
Radiology/Vascular-Interventional	1
Radiology/Oncology	3
Rheumatology	2
Surgery	39
Surgery-Breast	1
Thoracic Surgery	3
Urology	8
Vascular Surgery	2
<b>TOTAL</b>	<b>414</b>

**Percent American Medical Graduates = 72.0**

Source: Survey of UMDNJ GME and GDE Programs and Housestaff, UMDNJ-Office of Institutional Research. Data as of September 1, 2006

**HOUSESTAFF TOTALS BY PROGRAM, 2006-2007**  
**UMDNJ-SCHOOL OF OSTEOPATHIC MEDICINE**

<b>PROGRAM</b>	<b>TOTAL HOUSESTAFF</b>
Cardiology	4
Emergency Medicine	18
Endocrinology	1
Family Practice	20
FP/Geriatrics	3
Gastroenterology	1
Geriatrics/Psychiatry	1
IM/Emergency Medicine	11
Infectious Diseases	2
Internal Medicine	23
Internship	61
Nephrology	3
Ob/Gyn	6
Orthopaedics	18
Otolaryngology	3
Psychiatry	9
Psychiatry/Child	1
Pulmonary Critical Care	5
Surgery	19
Urology	3
<b>TOTAL</b>	<b>212</b>

**Percent American Medical Graduates = 100.0**

Source: Survey of UMDNJ GME and GDE Programs and Housestaff, UMDNJ-Office of Institutional Research. Data as of September 1, 2006

**RESIDENT TOTALS BY PROGRAM, 2006-2007**  
**UMDNJ-NEW JERSEY DENTAL SCHOOL**

<b>PROGRAM</b>	<b>TOTAL HOUSESTAFF</b>
General Practice Residency	4
Oral & Maxillofacial Surgery	9
Pediatric Dentistry	9
<b>TOTAL</b>	<b>22</b>

Source: Survey of UMDNJ GME and GDE Programs and Housestaff, UMDNJ-Office of Institutional Research. Data as of September 1, 2006

**NON-FACULTY FULL- AND PART-TIME EMPLOYEES**

(As of July 1, 2007)

	<b>Total</b>	<b>% Black</b>	<b>% Hispanic</b>	<b>% Asian</b>	<b>% Women</b>
<b>Executive/Administrative/Managerial</b>	783	22.2	4.9	7.8	61.2
<b>Professional Non-Faculty</b>	6,029	20.8	6.8	27.2	67.1
<b>Secretarial/Clerical</b>	1,939	48.9	14.6	5.9	88.2
<b>Technical/Para-professional</b>	1,484	35.3	14.2	15.0	63.1
<b>Skilled Craft</b>	263	36.9	12.2	8.0	1.5
<b>Service/Maintenance</b>	1,077	65.3	15.0	4.0	57.8
<b>Total All Categories</b>	11,575	32.0	9.8	18.2	67.4

Source: UMDNJ-Office of Workplace Diversity