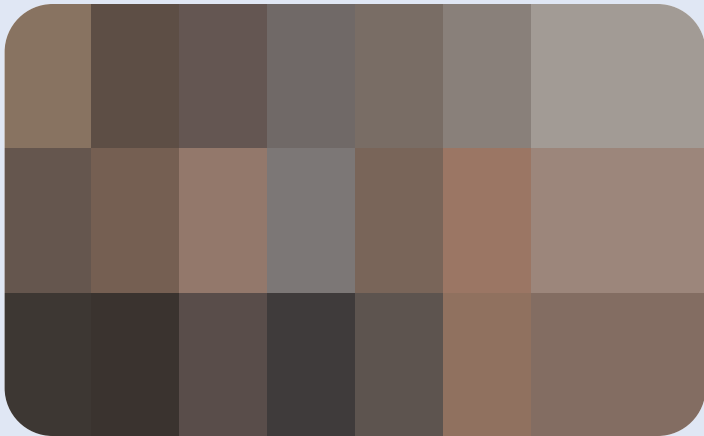




# INSIDE

## NEW JERSEY MEDICAL SCHOOL

### Convocation 2004



*NJMS graduates Daniel Behin and Ann Baron*

The 157 graduates of the Class of 2004 had much to celebrate during NJMS's Convocation, which took place on May 24 at the New Jersey Performing Arts Center in downtown Newark. Students elected Kenneth Swan, MD, professor of surgery, and Dorian Wilson, MD, assistant professor of surgery, to serve as marshal and gonfalon bearer, respectively. John Stone, MD, MACP, professor of medicine, emeritus at Emory University School of Medicine, delivered the keynote address. In addition to publishing three books of poetry and a book of essays on his work as a physician, Dr. Stone is the co-editor of the book *On Doctoring*, which is distributed to all U.S. medical students by the Robert Wood Johnson Foundation. Much like his written works, Dr. Stone shared personal stories and poems that illustrate the importance of practicing humanistic medicine.

### NIH Rankings on the Rise

Once again, New Jersey Medical School is reporting impressive research news. According to the NIH, awards to NJMS rose from \$38,237,000 (FY 2002) to \$64,922,000 (FY 2003). New Jersey Medical School now stands at No. 56 in the NIH rankings compared to last year's No. 69 ranking among the nation's medical schools.

### Golden Apple Winners

In March, 37 NJMS professors received Golden Apple Awards. Established to recognize excellence in teaching, award winners are determined by students.

#### Class of 2007

Sylvia Christakos, PhD  
David DeFouw, PhD  
Michael Lea, PhD

#### Class of 2006

Marjorie Brandriss, PhD  
Lester Sultatos, PhD  
Richard Watson, MD

#### Classes of 2004 and 2005

##### Faculty

Suzanne Atkin, MD  
Jonathan Harrison, MD  
Gaines Mimms, MD  
Jo-Ann Reteguiz, MD  
Anand Srinivasan, MD  
Constancia Uy, MD

##### Residents

Krystene Boyle, MD  
Frank Caputo, MD  
Kevin Clarke, MD  
Morris Friedman, DO  
Nyota Peace, MD  
Marcus Rivera, MD

#### Excellence in Service

Mayra Marallano, Staff Assistant, Student Affairs

### Celebrating 50 Years of Medical Education

New Jersey Medical School celebrates its 50th anniversary in August 2004, becoming the first of the eight UMDNJ schools to reach this milestone. The oldest N.J. school of medicine, NJMS predates UMDNJ by 16 years. Initially established as the Seton Hall College of Medicine and Dentistry, the college's mission was to train highly qualified clinicians to meet the healthcare needs of New Jersey and the nation - a mission that remains a top priority.

We are collecting NJMS memorabilia and photos for display and/or publication. If you have any items to donate or lend, contact Carol Stavraka at [stavraca@umdnj.edu](mailto:stavraca@umdnj.edu).



**NEW JERSEY  
MEDICAL SCHOOL**

University of Medicine & Dentistry of New Jersey

# In the News

• **Leonard Bielory, MD**, associate professor and director of the Asthma and Allergy Research Center, commented in a March Associated Press article that the mild New Jersey weather sparked an early spring allergy season. In a separate AP article, he confirmed that this year's spring allergy season hit extremely early nationwide.

• **Diana DeCosimo, MD**, associate professor, commented in February for an Associated Press article about recent studies that measure biomarkers, proteins in the blood whose presence can diagnose or predict heart trouble. Because nearly all patients in the studies were white, Dr. DeCosimo emphasized the need to confirm the results among minorities, particularly those with higher heart failure rates.

• Developer Joseph Muscarelle Jr. has donated \$2 million to New Jersey Medical School to establish an endowed deanship. Funds will be used to provide scholarships to medical students. **George Heinrich, MD**, vice chair and CEO of the Foundation of UMDNJ, was quoted in an April *Star-Ledger* article stating, "Joseph Muscarelle is a wonderful example of a person dedicated to making New Jersey the best place it can be."

• **Russell T. Joffe, MD**, dean, and **George Heinrich, MD**, vice chair and CEO of the Foundation of UMDNJ, were featured in a *Home News Tribune* article about the establishment of the Healthcare Foundation of New Jersey Center for Humanism in Medicine.

• **Norman Lasser, MD**, professor, agrees that new findings announced by the NIH regarding the dangers of long-term estrogen use have caused confusion among patients. He stated in the Associated Press in March, "It sounds cliché to say do more studies, but I don't think we should give up on estrogens. If doctors could learn to predict who was most likely to have an estrogen-caused side effect, other women could safely use it."

• **Norman Lasser, MD**, professor, was quoted in March in a *Home News Tribune* article commenting about ways to assist the CDC in identifying interventions for people at high risk for diabetes to prevent the disease.

• **Norman Lasser, MD**, professor, commented for an Associated Press article in April about how HDL, the cholesterol that reduces the risks of heart disease, can be dramatically boosted by torcetrapid, an experimental drug that also lowers bad cholesterol. The findings are according to a preliminary study published in the *New England Journal of Medicine*.

• **Manuela Pedra-Nobre, MD**, assistant professor and rheumatologist, commented in an Associated Press article in March that recent studies conducted by researchers at Massachusetts Brigham and Women's Hospital and Harvard Medical School confirms the correlation between gout and the consumption of high-protein meat and seafood, further supports her caution to patients concerning diet and gout attacks.

• **Lee Reichman, MD, MPH**, professor, was featured in *Newsweek's* International Edition in March about the continued prevalence of TB, despite preventive measures and drugs to fight the disease. In fact, TB takes more lives today worldwide than it did centuries ago and many patients do not respond to treatment.

## Save the Date!

**Dean's Distinguished Lecture  
October 26, 2004  
Medical Science Building B552  
11:45 a.m.**

**Featuring Mark Rosenberg, MD, MPP  
Former Director, CDC National Center for  
Injury Control and Prevention**

## On the Tube

- **Louis Rizio, MD**, chief of Sports Medicine, commented in March for a *Star-Ledger* article about the likelihood of Sacramento Kings forward Chris Webber's return to the starting lineup following microfracture surgery.
- **Susan Rovi, MD**, assistant professor and principal investigator for the New Jersey Domestic Violence Fatality and Near Fatality Review Board, commented in a March *Courier News* article about the continuing problem of domestic violence.
- **Debbie Salas-Lopez, MD**, assistant professor and chief of academic medicine, geriatrics and community programs, and **Keerti Sharma, MD**, assistant professor, were featured in a *Star-Ledger* article in March about the success of the House Calls for Seniors program. Plans are to hire more geriatricians in progress.
- **Muhamed Saric, MD**, assistant professor, commented in a February *Star-Ledger* article about the correlation between age, cold weather and flu.
- **Dorian Wilson, MD**, assistant professor, was featured in an Associated Press article about the country's 19 African-American transplant surgeons. The surgeons gathered on the Newark campus in March to encourage organ donation and inspire medical students to consider this field.

- **Leonard Bielory, MD**, associate professor and director of the Asthma and Allergy Research Center, was interviewed on a number of New York and New Jersey radio stations about the early arrival of the pollen season.
- **Nancy Connell, PhD**, professor and director, **Grant Gallagher, PhD**, research director, and **Brendan McCluskey**, assistant director, Center for BioDefense, were interviewed in March on NJ 101.5 FM radio for a story about the academic BioDefense consortium UMDNJ hosted.
- **Patricia Kloser, MD, MPH**, professor, was interviewed in February on NJ 101.5 FM radio about a report issued by the U.S. Centers for Disease Control and Prevention about the incidences of sexually transmitted diseases in teens and young adults.
- **Norman Lasser, MD**, professor, was interviewed in March on NJ 101.5 FM radio for a story about a CDC study indicating that teenage obesity has more than doubled during the past 30 years.
- **Steven M. Marcus, MD**, professor and executive director, NJPIES (NJ Poison Information and Education System) and **Richard Casas, MD**, NJPIES, appeared on WNJU-TV, (Telemundo), in February for a news segment on poison prevention.
- **Bruce Ruck, PharmD**, NJPIES, and **Wilma Pomerantz, RN, BSN, MA**, NJPIES, were featured during a new segment in February on Time Warner Cable of Bergen and Hudson Counties about the dangers of ingesting hand sanitizing gels.

*A Celebration of Art, Medicine and Life*

*NJMS Fall Arts Festival  
September 13-October 20, 2004*

*If you are interested in exhibiting or for more  
information contact Noreen Gomez  
(973) 972-4795  
gomeznm@umdnj.edu*

# Grants

## Biochemistry and Molecular Biology

**Binay Chaubey, PhD**, postdoctoral fellow in the laboratory of **Virandra N. Pandey, PhD**, received a \$150,000 grant from Life Sciences Research Foundation for “Molecular Biology of HIV-1 Reverse Transcriptase Complex.”

**Neerja Kaushik-Basu, PhD**, assistant professor, received an \$800,000 grant from the NIH/National Institute of Diabetes, Digestive and Kidney Disorders for “Molecular Modulators of HCV Replication.”

## Cell Biology and Molecular Medicine

**Maha Abdellatif, PhD**, assistant professor, received a \$600,000 grant from the NIH/National Heart, Lung, and Blood Institute for “Mechanisms of RasGAP in Cardiac Cell Growth and Survival.”

**Junichi Sadoshima, MD, PhD**, professor, received a \$1.25 million grant from the NIH/National Institute on Aging for “The Role of Thioredoxin in the Aging Heart.”

**Steven Vatner, MD**, professor and chair, received a \$1.1 million training grant from the NIH/National Heart, Lung, and Blood Institute for “Integrative Mechanisms in Cardiovascular Disease.”

**Ishikawa Yoshihiro, PhD**, professor, received an \$840,000 grant from the NIH/National Institute of General and Medical Sciences for “Catalytic Activation of Adenylyl Cyclase Type V.”

## Family Medicine

**Mark S. Johnson, MD, MPH**, professor and chair, received a one-year grant for \$50,000 from the National Cancer Institute to study “Barriers to Colorectal Cancer Screening among Hispanics.” He also received a five-year, \$168,350, grant from the National Institute of Diabetes and Digestive Kidney Diseases for a summer research experience for minority students.

## Medicine

**Nancy Connell, PhD**, professor and director of the Center for BioDefense, received a \$1 million award from the Department of Defense to study host response and aerosolization at the UMDNJ Center for BioDefense. Co-investigators on this project are **Grant Gallagher, PhD** (Department of Oral Biology, New Jersey Dental School), **David Alland, MD**, associate professor and **Kevin Fennelly, MD, MPH**, assistant professor.

Additionally, Dr. Connell and the Center for BioDefense received a \$611,800 award from the New Jersey Department of Health and Senior Services for a series of projects in public health and first responder training. The co-investigator in this project is **Brendan McCluskey, MPA**, executive director, Center for BioDefense.

**Norman Lasser, MD, PhD**, professor, received a five-year \$4.3 million award from the CDC for translating research into action for diabetes (TRIAD). TRIAD is a translational research study of the relationship of managed care plan characteristics to the quality of care among diabetic members.

**Leonard G. Meggs, MD**, associate professor, received a \$100,000 award from Boehringer Ingelheim Pharmaceuticals, Inc. (BIPI) to test the effectiveness of Micardis as an antihypertensive medicinal product. **Debbie Salas-Lopez, MD**, assistant professor, is co-primary investigator.

**Vishwanath Venketaraman, PhD**, assistant professor, received a three-year, \$198,000 grant from the American Heart Association to study the role of glutathione and compounds in tuberculosis immunity.

**Robert S. Wallis, MD**, associate professor, received a \$115,000 award from Wyeth Pharmaceuticals for the “Effects of TNF Inhibitors on Expression of TB Immunity *in vitro*.”

## Microbiology and Molecular Genetics

**Ian P. Whitehead, PhD**, assistant professor, received a four-year, \$800,000 grant from the American Cancer Society to study “RhoGEFs in Cell Growth and Cancer.” These studies will examine the role of small GTPases in malignant progression with emphasis on breast cancer.

## Neurology and Neurosciences

**Benjamin Natelson, MD**, professor and **Robert S. Wallis, MD**, associate professor (Medicine), received a \$120,000 bridge grant from the NIH to study cytokine dysregulation and sleep disturbance in chronic fatigue syndrome.

**Karen Quigley, MD**, assistant professor, received a three-year, \$760,940 grant from the Department of Veterans Affairs for “Risk Perception and the Psychobiological Sequelae of Vaccination.” Institute of Neurological Disorders and Stroke (NINDS) for the “Role of Limbic-Midbrain Axis in Aggressive Behavior.”

**Allan Siegel, PhD**, PI neurology and neurosciences and **Steven Zalcman, PhD**, assistant professor (Psychiatry), received a five-year, \$1,637,188 award from the NIH/National Institute of Neurological Disorders and Stroke (NINDS) for the “Role of Limbic-Midbrain Axis in Aggressive Behavior.”



## Neurological Surgery

**Jeffrey Catrambone, MD**, assistant professor, received a \$150,000 grant as a subcontract from NJIT to study scanning laser ophthalmoscope in hydrocephalus.

**Sapru Hreday, PhD**, professor, received a \$1 million award from the NIH/National Heart, Lung, and Blood Institute for “Cardiovascular Actions of Melanocortins.”

## Obstetrics, Gynecology and Women’s Health

**Carlos Molina, PhD**, assistant professor, received a \$100,000 grant from the NIH/National Institute of Child Health and Human Development for “Inducible cAMP Early Repressor in Ovarian Function.”

## Ophthalmology and Visual Sciences

**Marco A. Zarbin, MD, PhD**, professor and chair, received an unrestricted \$110,000 grant from The Research Institute to Prevent Blindness, Inc., the world’s largest voluntary organization dedicated to prevention, treatment and cure for debilitating visual disorders. Dr. Zarbin has received this award annually since 1994. He also received a \$181,200 grant from the Healthcare Foundation of New Jersey to establish a comprehensive low-vision rehabilitation and applied vision research center. The Center is a component of IOVS’ Center for Macular Degeneration Treatment and Research.

## Pharmacology and Physiology

**Martha Nowycky, PhD**, professor, received a three-year, \$300,000 grant from the Muscular Dystrophy Association for “TRPC Channels and Calcium in Duchenne Muscular Dystrophy (MDA3689).”

**Ruben Peluffo, PhD**, assistant professor, received a four-year, \$260,000 grant from the American Heart Association for “Arginine Transport in Cardiac Muscle Cells.”

**Lester Sultatos, PhD**, associate professor, received a \$14,000 award from Schering-Plough to study the determination of tissue-blood partition coefficient.

**Andrew Thomas, PhD**, professor and chair, received a \$1.25 million grant from the NIH/National Institute on Alcohol Abuse and Alcoholism for “Ethanol on Excitation-Contraction in Cardiac Cells.”

## Biochemistry and Molecular Biology

**McClain MT, Lutz CS, Kaufman KM, Faig OZ, Gross TF, James JA**. Structural availability influences the capacity of autoantigenic epitopes to induce a widespread lupus-like autoimmune response. *Proc Natl Acad Sci USA*. 2004;101:3551-3556.

## Cell Biology and Molecular Medicine

**Gaussin V, Depre C, Vatner SF, Vatner DE**, et al. Common genomic response in different mouse models of b-adrenergic induced cardiomyopathy. *Circulation*. 2003;108:2926-2933.

**Kim SJ, Yatani A, Vatner DE, Liu J, Sadoshima J, Vatner SF**, et al. Mechanism of enhanced cardiac function in mice with hypertrophy induced by over-expressed Act. *J Biol Chem*. 2003;278(48):47622-47628.

**Lieber SC, Aubry N, Pain J, Diaz G, Kim SJ, Vatner SF**. Aging increases stiffness of cardiac myocytes measured by atomic force microscopy nanoindentation. *Am J Physiol Heart Circ Physiol*. 2004.

**Liu J, Vatner DE, Vatner SF, Meggs LG, Malhotra A**, et al. Glycation end-product cross-link breaker reduces collagen and improves cardiac function in the aging diabetic heart. *Am J Physiol Heart Circ Physiol*. 2003;285:H2587-2591.

**O’Donnell JM, Kudej RK, LaNoue KF, Vatner SF, Lewandowski ED**. Limited transfer of cytosolic NADH into mitochondria at high cardiac workload. *Am J Physiol Heart Circ Physiol*. 2004.

**Vatner SF, Yang GP, Sadoshima J, Vatner DE**, et al. Propranolol prevents enhanced stress signaling in Gs alpha cardiomyopathy: potential mechanism for blockade in heart failure. *J Mol Cell Cardiol*. 2004;36:305-312.

**Yang G, Hong C, Liu J, Vatner SF, Sadoshima J**, et al. Inhibition of endogenous thioredoxin in the heart increases oxidative stress and cardiac hypertrophy. *J Clin Invest*. 2003;112(9):1395-1406.

**Yatani A, Kim SJ, Depre C, Vatner SF and Vatner DE**, et al. Insights into cardioprotection obtained from study of cellular Ca<sup>2+</sup> handling in true hibernating myocardium. *Am J Physiol Heart Circ Physiol*. 2004.

## Family Medicine

**Crosson J, Deng W, Brazeau C, Soto-Greene M**. Evaluating the effect of cultural competency training on medical student attitudes. *Family Medicine*. 2004;36(3):199-203.

**Johnson M, Rovi S**. The role of research directors in departments of family medicine. *Annals of Family Medicine*. 2004;2(2):185.

**Mouton C, Rodabough R, Rovi S, et al.** Prevalence and 3-year incidence of abuse among postmenopausal women. *American Journal of Public Health.* 2004;94(4):605-612.

**Rovi A, Chen PS, Johnson M.** The economic burden of hospitalizations associated with child abuse and neglect. *American Journal of Public Health.* 2004;94(4):586-590.

## Medicine

**Beenhouer DO, Wallis RS, Broder MS, and Furst MD.** Mechanisms of action of tumor necrosis factor antagonists and granulomatous infections. *J Rheum.* 2004.

**Buddiga P, Witkowska R, Garcia A, Capitle E, Du J, Mongia A, Bielory L.** Comparative *in vitro* bioactivity of cyclosporine on the proliferation of cultured peripheral blood mononuclear cells in sarcoidosis patients and healthy controls. *J Allergy Clin Immunol.* 2004;113:s209 (732a)

**Boniotto M, Hazbón MH, Jordan WJ, Alland D.** A novel hairpin-shaped primer assay to study the -44 SNP of the DEFB1 gene in early onset periodontal disease. *Clin. Diag. Lab. Immunol.* 2004.

**Fennelly KP, Martyny JW, Fulton KE, et al.** Cough-generated aerosols of mycobacterium tuberculosis: a new method to study infectiousness. *Am J Respir Crit Care Med.* 2004;169:604-609.

**Hazbon M, Alland D.** Hairpin primers for simplified single-nucleotide polymorphism analysis of mycobacterium tuberculosis and other organisms. *J Clin. Microbiol.* 2004;42:1236-1242.

**Hein JB, Port A, Bielory L.** Climatic variables affecting mold spore counts in Newark, NJ. *J Allergy Clin Immunol.* 2004;113:s63 (151a).

**Hegyí J, Schwartz RA, Hegyí V.** Pellagra: dermatitis, dementia, and diarrhea. *International Journal of Dermatology.* 2004;43:1-5.

**Janniger CK, Schwartz RA.** Book review: Pediatric Dermatology (by Lawrence A. Schachner and Ronald C. Hansen, 3rd Edn, Mosby: St.Louis, 2003.) *Journal of the American Medical Association.* 2004;291:1508.

**Kariya K, Tsuji T, Schwartz RA.** Trial of low-dose 5-fluorouracil/cisplatin therapy for advanced extramammary Paget's disease. *Dermatologic Surgery.* 2004;30:328-331.

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**Lavietes MH, Gerula CM, Fless KG, Cherniack NS, Arora RR.** Inspiratory muscle weakness in diastolic dysfunction. *Chest.* 2004.

**Low R, Chan YF, Bielory L, Talbert T, Kapa S, Gluckman WA, Onufer K, Shahidi H.** The effect of weather and air pollution on EMS calls for breathing-related complaints in an urban city. *Prehosp Emerg Care.* 2004;8(1):107.

**Micali G, Nasca MR, Innocenzi D, Schwartz RA.** Invasive penile carcinoma: a review. *Dermatologic Surgery.* 2004;30:307-316.

**Mongia A, Wolff A, Witkowska R, Patel K, Bielory L.** Nasal inspiratory flow after the cold pressor test in normal subjects, non-allergic rhinitis and allergic rhinitis. *J Allergy Clin Immunol.* 2004;113:s199 (693a)

**Okulicz JF, Stibich AS, Schwartz RA, Elston DM.** Cutaneous onchocercoma. *International Journal of Dermatology.* 2004;43:170-172.

**Patterson WM, Fox MD, Schwartz RA.** Favre-Racouchot disease. *International Journal of Dermatology.* 2004;43:167-169.

**Schwartz RA (Editor).** Special Issue on Advances in Skin Cancer. *Dermatologic Surgery.* 2004;2:30.

**Schwartz RA.** Keratoacanthoma: a clinico-pathologic enigma. *Dermatologic Surgery.* 2004;30:245-252.

**Schwartz RA.** Erythema dyschromicum perstans: the continuing saga of Cinderella or a shy dermatosis. *International Journal of Dermatology.* 2004;43:230-232.

**Schwartz RA, Wiederkehr M, Lambert WC.** Secondary mucinous carcinoma of the skin: metastatic breast cancer. *Dermatologic Surgery.* 2004;30:234-5.

**Varma-Basil M, El-Hajj H, Marras SAE, Hazbon HM, Mann JM, Connell N, Kramer FR, Alland D.** Molecular beacons for multiplex detection of four bacterial bioterrorism agents. *Clin. Chem.* 2004.

**Venketaraman V, Yaswant K, Dayaram YK, Connell N, et al.** Role of glutathione in macrophage control of mycobacteria. *Infection and Immunity.* 2003;71:1864-1871.

**Venketaraman V, Talaue MT, Dayaram YK, Connell N, et al.** Nitric oxide regulation of L-arginine uptake in murine and human macrophages. *Tuberculosis.* 2003;83(5):311-8.

**Wallis RS, Kyambadde P, Johnson JL, et al.** A study of the safety, immunology, virology, and microbiology of adjunctive etanercept in HIV-1-associated tuberculosis. *AIDS.* 2004;18:257-264.

**Wallis RS, Song HY, Whalen C, Okwera A.** TB chemotherapy: antagonism between immunity and sterilization. *Am J Respir Crit Care Med.* 2004;169(6):771-2.

# Publications

**Wallis RS, Broder MS, Hanson ME, Bennhouwer DO.** Granulomatous infectious diseases associated with TNF antagonists. *Clin Infect Dis.* 2004;38.

**Wang Q, Wieder R.** All-trans retinoic acid potentiates taxotere-induced cell death mediated by jun N-terminal kinase in breast cancer cells. *Oncogene.* 2004;23:426-433.

**Wieder R, Pliner L, Harrison J, et al.** Pharmacokinetics and Safety of ILX23-7553, a non-calcemic-vitamin D3 analogue, in a phase I study of patients with advanced malignancies. *Invest New Drugs.* 2003;21(4):445-452.

## Microbiology and Molecular Genetics

**Cheng L, Mahon GM, Kostenko E, Whitehead IP.** PH domain-mediated activation of the Rho-specific guanine nucleotide exchange factor Dbs by Rac1. *J. Biol. Chem.* 2004;279:12786-93.

**Glowacki R, Jakubowski H.** Cross-talk between Cys-34 and lysine residues in human serum albumin revealed by N-homocysteinylation. *J Biol Chem.* 2004;279:10864-10871.

**Jakubowski H.** Molecular basis of homocysteine toxicity in humans. *Cell Mol Life Sci.* 2004;61:470-487.

**Undas A, Perla J, Lacinski M, Jakubowski H, et al.** Autoantibodies against N-homocysteinylated-proteins in humans: Implications for atherosclerosis. *Stroke.* 2004;35.

## Ophthalmology and Visual Sciences

**Bhagat N, Lim JI, Minckler DS, Green RL.** Posterior uveal effusion syndrome after trabeculectomy in an eye with ocular venous congestion. *Br. J. Ophthalmol.* 2004;88:153-4.

**Bhagat N.** Current ophthalmology and medicine-cholesterol lowering drugs and risk of age-related maculopathy: Prospective cohort study with cumulative exposure measurement. *Surv Ophthalmol.* 2004;49:124-5.

**Cohen A, Kishore K, Wolansky L, Frohman LP.** Pituitary apoplexy occurring during large volume liposuction surgery. *J. Neuroophthalmol.* 2004;24:31-3.

**Fechtner RD.** Glaucoma diagnosis and monitoring. *Ophthalmol Times.* 2004;29:3-5.

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**Roy MS.** Proteinuria in African Americans and whites with type 1 diabetes. *J. Diabetes Complications.* 2004;18:69-77.

**Wang H, Yagi F, Cheewatrakoolpong N, Sugino IK, Zarbin MA.** Short-term study of retinal pigment epithelium sheet transplants into Bruch's membrane. *Exp Eye Res.* 2004;78:53-65.

## Orthopaedics

**Rizio L, Salvo JP, Schurhoff MR, Uribe JW.** Adductor longus rupture in professional football players: acute repair with suture anchors: a report of two cases. *Am J Sports Med.* 2004;32(1):243-245.

**Salvo JP, Rizio L, Uribe JW.** Medical elbow ligament instability surgery in athletes in surgical techniques for the shoulder and elbow. New York, NY: Thieme Publishers; 2003.

## Pathology and Laboratory Medicine

**Danilenko M, Wang Q, Wang X, Levy J, Sharoni Y, Studzinski GP.** Carnosic acid potentiates the antioxidant and prodifferentiation effects of 1,25-dihydroxyvitamin D3 in leukemia cells, but does not promote elevation of basal levels of intracellular calcium. *Cancer Res.* 2003;63:1325-1332.

**Ji Y, Studzinski GP.** Retinoblastoma protein and CAAT/enhancer-binding protein are required for 1,25-dihydroxyvitamin D3-Induced monocytic differentiation of HL60 cells. *Cancer Res.* 2004;64:378-385.

**Studzinski GP, Harrison JS.** The neuronal cyclin-dependent kinase 5 activator p35Nck5a and Cdk5 activity in monocytic cells. *Leukemia and Lymphoma.* 2003;44:235-240.

**Wang Q, Wang X, Studzinski GP.** The jun N-terminal kinase pathway participates in signaling of monocytic differentiation of human leukemia cells induced by 1,25-dihydroxyvitamin D3. *J. Cellular Biochem.* 2003;89:1087-1101.

**Wang X, Studzinski GP.** Kinase suppressor of RAS (KSR) amplifies the differentiation signal provided by low concentrations 1,25-dihydroxyvitamin D3. *J. Cellular Physiology.* 2004;198:333-342.

## Pharmacology and Physiology

**Abdel-Rahman MS, guest ed.** Human and Ecological Risk Assessment: An International Journal, special issue The Sixth Annual Meeting on Chemical-Specific Adjustment Factors in Health Risk Assessment. *Amherst Scientific Publishers.* 2004;10(1).

**Lamothe M., Chang FJ, Balashova N, Shirokov R, Beuve A.** Functional characterization of nitric oxide and YC-1 activation of soluble guanylyl cyclase: structural implication for the YC-1 binding site? *Biochemistry.* 2004;23;43(11):3039-48.

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### Physical Medicine and Rehabilitation

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**DeLuca J, Tiersky L, Natelson BH.** Chronic fatigue syndrome: Differential diagnosis with depression. *Differential Diagnosis in Adult Neuropsychological Assessment*. 2004;421-451.

**DeLuca J, Christodoulou C, Diamond B, Rosenstein ED, et al.** The nature of memory impairment in chronic fatigue syndrome. *Rehabilitation Psychology*. 2004;49(1):62-70.

**DeLuca J, Christodoulou C, Diamond, B.** Working memory deficits in chronic fatigue syndrome: Differentiating between speed and accuracy of information processing. *Journal of International Neuropsychological Society*. 2004;(10):101-109.

**Dyson-Hudson T, Kirshblum S.** Shoulder pain in chronic spinal cord injury, Part I: Epidemiology, etiology and pathomechanics. *The Journal of Spinal Cord Medicine*. 2004;17(1):4-17.

**Hammond FM, Grattan KD, Sasser H, Corrigan JD, Rosenthal M, et al.** Five-years after traumatic brain injury: A study of individual outcomes and predictors of change function. *NeuroRehabilitation*. 2004;19(1):25-35.

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**Padberg FT, Johnston M, Sisto SA.** Structured exercise improves calf muscle pump function in chronic venous insufficiency: A randomized trial. *Journal of Vascular Surgery*. 2004;39:79-87.

**Page S, Sisto SA, Levine P, McGrath RE.** Efficacy of modified constraint-induced movement therapy in chronic stroke: A single-blinded randomized controlled trial. *Arch Phys Med Rehabil*. 2004;(85):14-18.

**Sisto SA.** Evidence of chemodenervation treatment effectiveness for the neurological patient. *Journal of Neurological Physical Therapy*. 2003;27(4):49-159.

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### Psychiatry

**Fadem B.** *Behavioral Science in Medicine*. Baltimore, Md: Lippincott, Williams and Wilkins; 2004.

**Raphael KG, Janal MN, Nayak SA.** Comorbidity of fibromyalgia and post-traumatic stress disorder symptoms in a community sample of women. *Pain Medicine*. 2004;5:33-41.

**Raphael KG, Ciccone DS, Chandler HK.** Is childhood abuse a risk factor for chronic pain in adulthood? *Current Pain and Headache Reports*. 2004;8:9-110.

**Yanos P, Lu W, Minsky S, Kiely G.** Correlates of health insurance among persons with schizophrenia in a statewide behavioral healthcare system. *Psychiatric Services*. 2004;55:79-82.

## Professional Achievements

### Family Medicine

**Linda Boyd, DO**, associate professor, was named director of Pre-Clerkship Clinical Education and will be the course director for the new Doctoring course. The Doctoring course is a keystone of the new curriculum, which begins in August.

**Linda Boyd, DO**, associate professor; **Judy Washington, MD**, assistant professor and **Chantal Brazeau, MD**, assistant professor, presented at The Society of Teachers of Family Medicine's 30th Anniversary Predoctoral Education Conference in New Orleans. Their workshops were "An Integrated Curriculum and Project for Third-Year Students to Achieve Competency in Evidence-Based Medicine" and "Developing Better Access to and Communication with Preceptors through More Efficient Database Design."

**Mark S. Johnson, MD, MPH**, professor and chair, was recently honored by the Students National Medical Association (SNMA). Dr. Johnson was the faculty adviser for the past 12 years and is an SNMA alumnus.

### Medicine

**Leonard Bielory MD**, associate professor, presented a national lecture at the American Academy of Allergy Asthma and Immunology on "Ocular Allergy - Diagnosis and Management" in San Francisco in March. He also presented a regional lecture at the University of Michigan on "Complementary and Alternative Medicine in Asthma and Allergy" in March.

**Nancy Connell, PhD**, professor and director of the Center for BioDefense, was appointed to the National Academy of Sciences Committee on Advances in Technology and the Prevention of their application to Next Generation Biowarfare Agents.



## Professional Achievements

**Kevin Fennelly MD, MPH**, associate professor, was an invited speaker at the first International Conference on Women and Infectious Diseases (cosponsored by the CDC, DHHS, WHO, PAHO and ASM) on “Airborne Infections in Women at Work” in February in Atlanta.

**Jonathan Harrison, MD**, associate professor and **George Studzinski, MD, PhD**, professor of pathology and laboratory science, presented two posters at the 2004 annual meeting of the American Association for Cancer Research in New Orleans: “MAP Kinase signaling pathways associated with 1 $\alpha$ , 25-dihydroxy Vitamin D<sub>3</sub>-induced differentiation of leukemia cells ex-vivo” and “Combination of the MAPK p38 inhibitor SB202190 and carnosic acid reverses the resistance of HL60-40AF leukemia cells to 1,25(OH)<sub>2</sub> vitamin D<sub>3</sub> and 1- $\beta$ -D arabinofuranoyl cytosine.”

**Norman Lasser, MD**, professor, presented at the 44th Annual Conference on Cardiovascular Disease Epidemiology and Prevention on “Higher self-reported physical activity over a three-year interval is associated with lower blood pressure and LDL-C in childhood” in San Francisco in March. He also presented “Hysterectomy and risk of cardiovascular disease.”

**Maya Ragawashi, MD, MPH**, associate professor, gave the convocation speech as president of the student government for UMDNJ-School of Public Health. She received an MPH in Urban and Environmental Health from the UMDNJ/Rutgers/NJIT combined program. Dr. Ragawashi had three abstracts accepted for poster presentation at the Endocrine Society meeting in June in New Orleans and was recently inducted into the Fellowship of American College of Physicians.

**Maya Ragawashi, MD, MPH** and **Elizabeth Alger, MD** were named Fellows of the American College of Physicians in January.

### Microbiology and Molecular Genetics

**Harvey Ozer, MD**, professor and senior associate dean for research, was invited to participate in the recent National Cancer Institute workshop “Validation of a Causal Relationship: Criteria to Establish Etiology of Cancer” in Washington, DC. He also gave a seminar titled “SV40 Transformation-Immortalization of Human Cells” at the Department of Biology, Temple University, Philadelphia in April.

**Ian Whitehead, PhD**, assistant professor, was invited to give a seminar, “RhoGEFs and Cancer,” at the Mount Sinai School of Medicine, Department of Molecular Medicine, New York, in November 2003.

### Ophthalmology and Visual Sciences

**Robert D. Fechtner, MD**, associate professor, served as a visiting professor in the Department of Ophthalmology, Columbia University School of Medicine. He taught a basic science lecture, “Glaucoma Imaging Technologies for Ophthalmology Residents” in January.

**Larry P. Frohman, MD**, associate professor and vice chair, was elected president of the North American Neuro-ophthalmology Society (NANOS). He was also listed in *Best Doctors in the Northeast*, Woodward White Publishers, 2004.

**Peter S. Hersh, MD**, clinical professor; **David Chu, MD**, assistant professor; **Suqin Guo, MD**, assistant professor and **Kristin Fry, OD**, were invited to conduct a continuing education course for optometrists, “Innovations in Corneal Refractive and Cataract Surgery: Optometric Update” in March.

**Paul J. Lama, MD**, associate professor, received the ORBIS faculty recognition award for glaucoma medical/surgical mission work abroad. American-based ORBIS’s mission is to train ophthalmologists in other countries. He was also a visiting professor at the Connecticut Ophthalmic Society Hartford in February and lectured on “Medical and surgical management of glaucoma: Are we practicing evidence-based medicine?”

**Paul D. Langer, MD**, associate professor, was elected president of the Ophthalmology Program Directors’ Advisory Council in March. He was also a visiting professor at the University of California Department of Ophthalmology lecturing on “Orbitopathy: Current concepts regarding pathogenesis and management.”

**Dawn N. Maxwell, MD** (resident), **Roger E. Turbin, MD**, assistant professor; **Larry P. Frohman, MD**, associate professor; **Paul D. Langer, MD**, associate professor and M. Mori, presented “*When is a lid lac not just a lid lac?*” at the North American Neuro-ophthalmology Society (NANOS) in Orlando in March.

**Roger E. Turbin, MD**, associate professor, was listed in *Best Doctors in the Northeast*, Woodward White Publishers, 2004. He was also invited and served as section moderator for NANOS’s annual meeting, “Surgical Innovations and Neuro-ophthalmic Complications” in March.

**Marco A. Zarbin, MD, PhD**, professor and chair, was a visiting professor at the University of Louisville Medical School’s Department of Ophthalmology, lecturing on “Analysis of retinal pigment epithelium integrin expression and adhesion to aged submacular human Bruch’s membrane.” He was recently included in *Guide to America’s Top Ophthalmologists*, 2004-2005 second edition, Consumers Research Council of America, Washington, D.C.

## Pharmacology and Physiology

**Vanessa Routh, PhD**, associate professor, was an invited speaker at the European Winter Conference on Brain Research in Les Arcs, France in March and lectured on glucosensing neurons and hypoglycemia, glucosensing neurons and insulin on brain research. She was also an honored participant and speaker at the IASO stock conference in the Dominican Republic, lecturing on “The role of glucosensing neurons in CNS fuel sensing.”

## Physical Medicine and Rehabilitation

**Patrick M. Foye, MD**, assistant professor and director of the student clerkship, received the Equal Justice Medal from the Legal Services of New Jersey in March. The award honors efforts to assist the work of the supplemental security income program at Legal Services of New Jersey.

**Steven Kirshblum, MD**, associate professor and associate medical director at the Kessler Institute for Rehabilitation, recently won the Young Academician Award from the Association of Academic Psychiatrists. This major award honors an academic physiatrist who has demonstrated outstanding performance in the areas of teaching, research and/or administration.

**Gerard Malanga, MD**, associate professor, was an invited lecturer at the American Academy of Pain Medicine in March in Orlando. He lectured on Rehabilitation of Neck Pain, and also served on a panel with internationally known anatomists and clinicians.

**Sue Ann Sisto, PhD**, assistant professor and director of the Human Performance and Movement Analysis Laboratory at the Kessler Institute for Rehabilitation, was appointed to Editorial board of the *Journal of Neuroengineering and Rehabilitation*.

**Todd P. Stitik, MD**, associate professor, received first place for the “Best Research Poster” at the Annual Meeting of the Association of Academic Physiatrists in February. The abstract, “The Effectiveness of Interactive Videotaped Instruction in Teaching the Technical Aspects of Electrodiagnostic Testing,” was prepared by Todd Stitik, associate professor; **Patrick M. Foye, MD**, assistant professor and Boqing Chen, MD, PhD, clinical assistant professor, and was published in the *American Journal of Physical Medicine and Rehabilitation* in March.

The third edition of the textbook *Rehabilitation Medicine: Principles and Practice* edited by **Joel A. DeLisa, MD, MS**, professor and chair, was translated into Chinese. The fourth edition of this well-known text is scheduled to be published in England in Fall 2004.

## Psychiatry

**Charles Kellner, MD**, professor and chair, was appointed as a member of the Corresponding Committee on Electroconvulsive Therapy and Other Electromagnetic Therapies.

**Gary Rosenberg, MD**, assistant professor, was elected as a fellowship member of the American Academy of Child and Adolescent Psychiatry.

## NJMS Student Awards

NJMS students **Seun Akeju** and **Hiral Patel** were selected for the 2004-05 Howard Hughes Medical Institute-NIH Research Scholars Program. Only 43 students were selected nationwide. This research program was established in 1985 to give students at U.S. medical and dental schools the opportunity to conduct basic, translational or applied biomedical research under the direct mentorship of senior NIH research scientists.

**Mary Leigh Anne Daniels**, Class of 2006, attended the National Student Research Forum as the student representative of the NJMS Summer Student Research Program. The meeting took place in Galveston, Texas in April. Her oral presentation, “Reduced Cardiac Parasympathetic Activity in a Subgroup of Children with Autism,” was awarded first prize among pediatric research oral presentations. Ms. Daniels was mentored by **Sue X. Ming, MD, PhD**, assistant professor neurosciences and **Michael Brimacombe, PhD**, associate professor department of preventive medicine and community health. **Tiffany Ticinelli**, Class of 2006, also contributed to this project.

**Michael Lindy** class of 2006, under the direction of **Robert Wieder, MD, PhD**, associate professor and director of the molecular oncology laboratory, won a travel award to attend a national meeting as part of the NJMS Summer Student Cancer Research Symposium. He was selected as one of 40 students nationally to give an oral presentation at The National Student Research Forum, University of Texas Medical Branch, Galveston, TX.

**Li Cheng, PhD**, Microbiology and Molecular Genetics, was the recipient of the New Jersey Medical School Bergen Medal for outstanding graduate research.



# INSIDE

## NEW JERSEY MEDICAL SCHOOL

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Items for consideration for the next issue of *Inside New Jersey Medical School* must be submitted by July 31, 2004. Please e-mail information to Valerie Miller, marketing and communications coordinator, at [millerva@umdnj.edu](mailto:millerva@umdnj.edu). Due to space limitations, we reserve the right not to publish all submissions.



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University of Medicine & Dentistry of New Jersey