University Hospital has achieved a 45% increase to $587K in Ryan White funding to support the HIV/AIDS Program. Particular kudos to Rhonda Deshieds, Sally Hodder, Kyra Sinkowsky and Alex Stoler.

Dr. Ashwani Malhotra of the Division of Nephrology has received a grant of approximately $1.4 million over 4 years from the NIH-NHLBI for the project “High Glucose Promotes Myocyte Apoptosis by PKC Pathways”.

NJMS-UMDNJ has been awarded a 5 year $2.4 million grant, “US-Brazil Research Collaboration on Strain Variation in TB”, through the International Collaboration for Infectious Diseases Research program, NIAID, NIH. Dr. Jerrold Ellner is Principal Investigator. Other key contributors from the Department are David Alland, David Hom, Eddie Jones, and Padmini Salgame. The principal overseas collaborator is Reynaldo Dietze from the Nucleo de Doencas Infecciosas in Vitoria Brazil.

The National Tuberculosis Center at NJMS was selected to become one of four Regional Training and Medical Consultation Centers (RTMCC) for tuberculosis (TB) in the United States. The program will provide training and technical assistance to increase human development, develop TB educational material products, and provide medical consultation to TB programs and medical providers. The total award was $7.2 million over 5 years.

**Other new grants awarded in 2004**


Dr. Nancy Connell (Department of Defense: Host response to select agent infection $950,000, October 2003 – September 2004)

Dr. Padmini Salgame (NIH: Th1 cell apoptosis in tuberculosis $1,555,000, February 2004 – January 2009)

Debbie Salas Lopez, M.D. (Co-PI), along with Mark Johnson, M.D. (PI), and Paulette Stanford, M.D. (PI), were awarded a $987,000 grant from the Health Resources and Services Administration to create an interdisciplinary primary care research infrastructure between the three units (Division of Academic Medicine, Department of Family Medicine, and Department of Pediatrics, respectively). The grant will focus on efforts to reduce health disparities in minorities, and will support research collaboration, clinical instruction, research staff, and faculty development to be shared across the three units.

Michael Jaker, M.D. assumed the role of PI for an HIV project (already described) recently funded by the New Jersey Department of Health. The proposed budget calls for $753,000 over three years and will help screen high-risk patients with a new fast reporting screening test. (Dr. Jaker has had an increasing in funding of his project “Rapid HIV Testing” supported by the State of New Jersey DHHS at the level of $421K.)

Ana Natale-Pereira, M.D. was awarded a grant for $231,000 over two years by the Center for Medicare and Medicaid Services to “Assess and Improve Colorectal Cancer Screening Among Older Minorities in the City of Newark” by developing an educational intervention on colorectal cancer, in which various leaders of community-based organizations in Newark would be trained in how to effectively disseminate CRC screening to the community.

David Alland, M.D., assistant professor, received a two-year, $490,125 grant from the NIH to find ways to increase the potency of anti-tuberculosis drugs.
Nancy Connell, Ph.D., Professor, Grant Gallagher, Ph.D. (NJDS), David Alland, M.D., Assistant Professor, Kevin Fennelly, M.D., Assistant Professor and Elizabeth Raveche, Ph.D., professor, were awarded a one-year, $996,000 grant by the Joint Vaccine Acquisition Program of the Department of Defense to continue their research into the host response to aerosol infection by *M. tuberculosis* and other agents.

March Klapholz, M.D., Assistant Professor, received a $133,348 grant from Lily Pharmaceutical Company for “Pre-Hospital Use of Abiciximab in Acute Myocardial Infarction.”

Lee B. Reichman, M.D., M.P.H., Professor, received a five-year, $7.5 million grant from the US Center for Disease Control to expand the National Tuberculosis Center to expand its regional activities in tuberculosis training and medical consultation.

Keerti Sharma, M.D., Assistant Professor, received a one-year, renewable $45,000 grant from the Grotta Fund for Senior Care to expand the services provided by the House Calls for Seniors Program.

### 2005 Publications

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