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# NEW JERSEY MEDICAL SCHOOL ORSP RESEARCH NEWSLETTER

OFFICE OF RESEARCH &  
SPONSORED PROGRAMS

WINTER 2008 - 2009  
VOLUME 11, ISSUE 11

## FEATURED FACULTY

### George S. Yap, Ph.D. Associate Professor Department of Medicine and Center for Immunity and Inflammation



Dr. Yap earned his Ph.D. in the field of immunology and experimental medicine from McGill University in Montreal, Canada. From 1994-2000, he conducted postdoctoral research in the Immunobiology Section of the Laboratory of Parasitic Diseases, National Institutes of Health in Bethesda, MD. In 2000, he was appointed as an Assistant Professor in the Department of Molecular Microbiology and Immunology at Brown University and named as Manning Assistant Professor in 2004. Dr. Yap was recruited to NJMS in 2007, where he conducts NIH supported research as an Associate Professor in the Center for Immunity and Inflammation. Dr. Yap has a deep personal commitment to mentoring and the career development of student and fellow colleagues in his laboratory.

Dr. Yap wants to elucidate how the host immune response develops in response to infection by intracellular pathogens. His laboratory has an established research program investigating how cytokines control the differentiation and function of CD4 and CD8 T cells that respond to the parasite, *Toxoplasma gondii*. In a series of studies published in the *Proceedings of the National Academy of Sciences* and the *Journal of Immunology*, his group has shown the critical role of the janus kinase, Tyk2 in regulating IL-12 and IL-10 signaling of T cells and macrophages involved in the protective and immunopathogenic responses. Another area of active research is to investigate how macrophages activated by T cells destroy and eliminate invasive parasites. In 2006, his group published in the *Journal of Experimental Medicine*, a novel pathway for intracellular resistance involving disruption of the parasite membrane and autophagic elimination of the pathogen's remains. Current efforts are directed towards understanding how the parasite can manipulate this novel resistance pathway to escape immune elimination and to elucidate the functions and consequences of autophagy proteins in host resistance to the parasite.



**Institute of Genomic Medicine**  
"Enabling translational research and personalized medicine through education, biomarker discovery, assay development and clinical care"

Pre-registration is required \* Limited seating\* Reduced registration fees for registering before January 9, 2009

**Symposium on  
Human Variation:  
A Driver of Personalized Medicine**  
January 29-30, 2009

**Delta Dental Educational Conference Center**  
50 12th Avenue, Newark, NJ  
Register before Jan 9th  
For reduced registration fees!

Hosted by:  
UMDNJ-NJMS Institute of Genomic Medicine  
UMDNJ-NJMS Research Office  
UMSNJ-Center for Continuing & Outreach Education

FOR MORE INFORMATION PLEASE VISIT: <http://njms.umdj.edu/research/symposia/012909/index.cfm>

**WE'RE ON THE WEB!** <http://njms.umdj.edu/research/orsp>

**COMING NEXT**

**ISSUE:  
HIGHLIGHTS  
OF NJMS  
HIGH SCHOOL  
STUDENTS  
RESEARCH  
EXPOSURE  
PROGRAMS**

**HIGH SCHOOL  
STUDENTS  
AS  
INTERNS**

Do you plan to host a high school student in your lab? To ensure compliance and consistency, UMNJ researchers that plan to bring high school students into their labs for internships should follow the University-wide standardized process and forms. This process was developed in conjunction with the Office of Environmental and Occupational Health and Safety Services. For more information, please contact Letitia Dean, MPA at 973-972-0283.

## **2008 BRIDGE GRANT AWARDEES**

The Bridge Grant Program was established to assist NJMS faculty in sustaining their research activities during lapses in extramural funding. To date the program has proven highly successful. It is our pleasure to announce the following NJMS faculty as awardees of Bridge Grants each in the amount of \$25,000. The Bridge Grant Program is supported through the generosity of the Foundation of UMDNJ and the Dean's Biomedical Research Support Program.

**DEBORAH A. LAZZARINO, PH.D., ASSISTANT PROFESSOR**

NEUROLOGY AND NEUROSCIENCES

THE ROLE OF IGF SIGNALING ON STEM CELL RENEWAL AND EXPANSION OF ALVEOLAR PROGENITORS DURING EARLY MOUSE MAMMARY GLAND DEVELOPMENT

**RICHARD D. HOWELLS, PH.D., PROFESSOR, ASSISTANT DEAN FOR THE MD/PH.D PROGRAM**

BIOCHEMISTRY & MOLECULAR BIOLOGY

THE UBIQUITIN/PROTEASOME PATHWAY AND OPIOID RECEPTOR DOWN-REGULATION

**RICHARD PINE, PH.D., ASSOCIATE PROFESSOR**

PUBLIC HEALTH RESEARCH INSTITUTE CENTER

POST-INITIATION REGULATION OF GENE EXPRESSION IN THE HOST RESPONSE TO M. TUBERCULOSIS

**CAROLYN K. SUZUKI, PH.D., ASSISTANT PROFESSOR**

BIOCHEMISTRY & MOLECULAR BIOLOGY

DEVELOPMENT OF HIGH THROUGHPUT SCREENING ASSAYS FOR MODULATORS OF MITOCHONDRIAL ATP-DEPENDENT PROTEOLYSIS

**ROBERT WIEDER, MD, PH.D., ASSOCIATE PROFESSOR**

MEDICINE

REACTIVATION OF BREAST CANCER MICROMETASTASES BY SENESCENT BONE MARROW STROMA

One of the factors contributing to the success of the Bridge Grant Program is the dedication of NJMS faculty who take time from their research, teaching and administrative responsibilities to evaluate applications. In this regard, we wish to acknowledge the efforts of the following review committee members: Dr. Vivian Bellofatto, Dr. Raymond Birge, Dr. Patricia Fitzgerald-Bocarsly, Dr. Andrew Harris, Dr. Roger Howell, Dr. Joseph Leibovich, Dr. David Lukac, Dr. Elizabeth Moran and Dr. Zoltan Spolarics.

**ANNOUNCEMENT:** The next Bridge Grant Deadline is January 12<sup>th</sup>, 2009. The matching funds requirement has been waived for this deadline. Please visit the website ([http://njms.umdnj.edu/research/orsp/bridge\\_grants.cfm](http://njms.umdnj.edu/research/orsp/bridge_grants.cfm)) to view guidelines and download application package.

### **ANNOUNCEMENT: 2009 SUMMER STUDENT RESEARCH PROGRAMS**

1. **ORSP NJMS 2009 Summer Student Research Program.** For a full description of the program including requirements and eligibility, faculty and students should visit the Summer Student Research Program website at: <http://njms.umdnj.edu/research/orsp/ssr.cfm>. In addition, the following programs are available:
2. The **National Heart Lung Blood Program** is available, for additional information contact Maha Abdellatif, Ph.D., Director at 973-972-1254 or visit the website at: [http://njms.umdnj.edu/departments/cell\\_biology\\_and\\_molecular\\_medicine/nhlbi.cfm](http://njms.umdnj.edu/departments/cell_biology_and_molecular_medicine/nhlbi.cfm)
3. The **Cancer Summer Research Program** is available for additional information contact Lorie-Ann Phillips, M.S., Program Coordinator at 973-972-2917 or visit the website at: <http://njmsuhcc.umdnj.edu/home/index.php/summer-research-program.html>
4. The **Work Study Program** is also available contact Letitia Dean, MPA, Program Coordinator at 973-972-0283 or visit the website at: [http://njms.umdnj.edu/research/orsp/program\\_overview.cfm](http://njms.umdnj.edu/research/orsp/program_overview.cfm)
5. The **"Summer Research Experience for Undergraduate Students"** is a ten week program that provides the opportunity for undergraduates interested in Ph.D degree programs and a career as a scientist/researcher in biomedical sciences to perform supervised research in one of the following biomedical sciences: Biochemistry & Molecular Biology, Bio Terrorism, Cancer Biology, Cell Biology, Drug Discovery, Immunology, Microbiology, Molecular Medicine, Molecular Genetics, Neuroscience, and Stem Cell Biology. The program is open to all undergraduates that are US citizens or permanent residents. Former students in this program are now attending or applying to Ph.D programs. The emphasis is on students with an interest in research. For more information visit: [http://www.umdnj.edu/gbsnweb/academic\\_programs/summer\\_undergrad\\_research.htm](http://www.umdnj.edu/gbsnweb/academic_programs/summer_undergrad_research.htm)

Please note, these programs are administered separately. Please contact the appropriate individual or visit the website for additional information.

## 2008 ORSP SUMMER STUDENT RESEARCH PROGRAMS

The ORSP Summer Student Research Program has been running since 1968 and is directed by Ms. Letitia Dean, with the assistance of Ms. Margaret Brinley. This program offers research exposure opportunities for NJMS medical students during the summer following their first year of medical school. The program is supported by generous donations from the Foundation of UMDNJ, the NJMS Alumni Association, Industry Sponsors, and through the generous donations of the individuals alumni/ae listed below. We thank you for your support of this important program.

Frederick Buechel, Sr, MD '72, Anatoly Dritschilo, MD '73, Daniel Fox, MD '83, Edith Kaselis, MD '81, Bruce Monastersky, MD '92, Daniel P. Otchy, MD '80, John J. Paulhus, MD, FACEP, '70, John Scoles, MD '84, Carol Stabile, MD '86, Enrico Veltri, MD '79

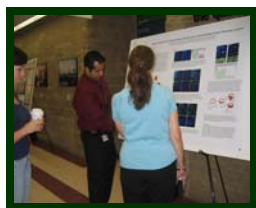
The awardees for the 2008 ORSP summer research program poster session were: **George Apostolopoulos, 1st Place**, "Modulation by Adenosine of Process Outgrowth and Varicosity Formation in Adult Photoreceptors of the Tiger Salamander" (Mentor- Ellen Townes-Anderson, Ph.D) and **Frederick Limson, 2nd Place**, "Cytokine Regulation in the Pathogenesis of Autism" (Mentor-Helen Fernandes, Ph.D)

## 2008 NCI CANCER EDUCATION PROGRAM POSTER SESSION WINNERS

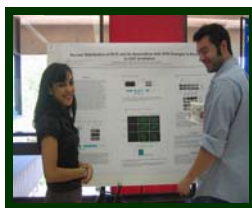
We would like to thank Catherine and Steven Mazzola for their generous donation through the Foundation of UMDNJ to support the cancer summer student research program. The funds will be used to host one of the weekly seminars that are an important part of the program. Dr. Catherine Mazzola, an NJMS Alumna, is a pediatric neurosurgeon that treats Pediatric Brain tumors, in addition to her other specialties.

The NJMS Cancer Summer Research Program has been continuously funded by the NCI for the past 30 years (P.I. Dr. Harvey Ozer, co-PI, Dr. Gwen Mahon). A recent long term evaluation study of the program was conducted by Drs. Mahon, Ozer, Alger and Ms. Lorie-Anne Philips that showed that 32 percent of the program's past participants (1978-1998) who graduated from NJMS have pursued careers in oncology compared to the National average of 2 percent of all US graduates. In addition, 20 percent have pursued a career in academic medicine. The results of this study were published in the Journal of Cancer Education and their abstract was selected for oral presentation at the recent joint annual meeting (October 2008) of the American and European Associations for Cancer Education in Clearwater, Florida.

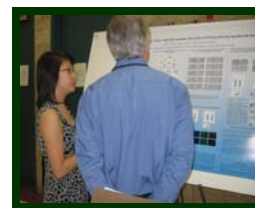
Each year the program holds an annual concluding symposium with a poster session. Out of the 33 participants this year, awards for best presentations went to:



**Ibrahim Hussain, 1st Place**  
"Analysis of Cellular Senescence  
In Human Cancer Precursor Lesions"



**Priya Bolikal, 2nd Place**  
"Exploring Novel Molecular  
Mechanisms for Chronic  
Myelogenous Leukemia"



**Janet Wu, 3rd Place**  
"Regulation of Mobility  
Transformation ICpg1"

## 2008 NHLB SUMMER STUDENT RESEARCH PROGRAM FOR UNDERREPRESENTED MINORITIES

This program, funded by the NIH Heart, Lung and Blood Institute (P.I. Dr. Maha Abdelatif) provides short-term research support to underrepresented minority undergraduate and graduate students and students in health professional schools to provide them with career opportunities in cardiovascular, pulmonary, hematologic and sleep disorders research. This grant is intended to introduce students to research that would not otherwise be available through their regular course of studies.

The winners of the 2008 NHLBI poster presentations were: **Jennifer Charles** (Mentor-David Lukac, Ph.D), **Jasmine H. Harris** (Mentor-Eric Altschuler, Ph.D), **Jean Wisna** (Mentor-Steven Keller, Ph.D) and **Cecile King** (Mentor-Pranela Rameshwar, Ph.D).

## ARE YOU SEARCHING FOR PRE/POST- DOCTORAL FELLOWSHIPS?

The Office of Research and Sponsored Programs has compiled a list of fellowships for Pre and Postdoctoral candidates. This includes highlighted opportunities for US and non-US citizens, as well as programs tailored for under represented minorities.

[http://njms.umdj.edu/research/orsp/pre\\_post.cfm](http://njms.umdj.edu/research/orsp/pre_post.cfm)



FINAL  
GRANT  
PROPOSALS  
ARE DUE TO  
THE ORSP  
THREE DAYS  
PRIOR TO  
SUBMISSION

## A MESSAGE FROM: THE FOUNDATION OF UMDNJ/NJ HEALTH FOUNDATION

Working in close partnership with ORSP, The Foundation of UMDNJ and its parent company, New Jersey Health Foundation, are independent, not-for profit corporations that solicit support for UMDNJ schools, centers and programs from **non-governmental sources** (foundations, corporations, and individuals). The Foundation has offices on the Newark, New Brunswick and Stratford campuses. On site representatives in Newark are:

Elizabeth Ketterlinus 2-2486, [eketterlinus@njhf.org](mailto:eketterlinus@njhf.org) SSB, Suite 1551  
Inya Chehade 2-2127, [ichehade@njhf.org](mailto:ichehade@njhf.org), MSB F582  
Kate McCulloch 2-2484 [cmcculloch@njhf.org](mailto:cmcculloch@njhf.org), SSB, Suite 1551  
Martha Bahamon 2-4831 [mbahamon@njhf.org](mailto:mbahamon@njhf.org), SSB, Suite 1551  
Andrea West 2-1039 [awest@njhf.org](mailto:awest@njhf.org), New Jersey Dental School

FUMDNJ administers an annual research grants program through ORSP, but we are primarily a grant SEEKING organization, working to solicit resources for priorities identified by University leadership. Faculty/staff wishing to pursue philanthropic support for a project from a private source should have the approval of their department head prior to contacting an FUMDNJ representative. **(Please note the Robert Wood Johnson Foundation requires that all grant applications from UMDNJ be submitted by the Foundation of UMDNJ)**

For more information visit: [www.umdj.edu/foundation](http://www.umdj.edu/foundation). Annual reports and newsletters profiling funded projects can be found on-line. Please contact us for an overview or presentation about the Foundation of UMDNJ and how we can work together.

**NOTE: ALL GRANTS MUST BE PRE-REVIEWED BY THE ORSP BEFORE SUBMISSION TO THE FOUNDATION**

## DO YOU KNOW ABOUT THE UMDNJ-NJMS FACULTY MENTORING PROGRAM?

The NJMS Junior Faculty mentoring program for basic science researchers was developed by a diverse faculty committee and is intended to assist junior faculty in the planning of their professional careers. As part of the program, each junior faculty member is paired with a more experienced faculty member who provides guidance in career development, pre-review of grant applications, and general peer support. The program, which started just over one year ago, already has thirty-one junior faculty from seven departments enrolled with a mentor and actively participating in the various events hosted by the program under the umbrella of the NJMS Research Office. The intent of the program is to address specific aspects of faculty development, such as acquisition of teaching skills, juggling the home-career balance, committee participation, managing laboratory personnel, publishing senior-authored papers and preparation of extramural funding applications. For more information about the program visit: [http://njms.umdj.edu/research/orsp/fac\\_mentor\\_prog.cfm](http://njms.umdj.edu/research/orsp/fac_mentor_prog.cfm) or contact Dr. Ellen Townes-Anderson, PhD, Director, Faculty Mentoring Program at [andersel@umdj.edu](mailto:andersel@umdj.edu).

## NEW RESEARCH PURCHASING POLICIES AND PROCEDURES WEBSITE

UMDNJ recently negotiated a contract for Biomedical Research Supplies, Reagents and Equipment that includes 57 commonly used research vendors (contract#P08-080).

These contracts have no dollar limit, and include all available items in the contracted vendor catalogs. The NJMS Research Office has generated a website to help the faculty navigate the policies and procedures for procurement as relates to research at UMDNJ, as well as, provide information regarding the vendors available under this contract. Please visit <http://njms.umdj.edu/research/purchasing.cfm> for more information.



## INFORMATION RESOURCES FOR CONDUCTING A FUNDING SEARCH

(DATABASES)

*Reminder!*

PREPARE  
PROPOSAL  
APPLICATIONS  
IN ADVANCE  
DON'T GET  
CAUGHT IN A  
DEADLINE  
RUSH!

**COMING SOON:** The University has decided to convert to "Community of Science" or "COS" from SMARTS/GENIUS for funding opportunities searches. COS offers a variety of features in addition to those currently available through SMARTS/GENIUS, including tools that will help you find other researchers with similar or complementary interests around the world for collaborative purposes. We will keep you posted for the "go live" date. If you would like to learn more about COS, please visit their website at : <http://www.cos.com/>.

In addition, as shown below, we have assembled a list of "free" search engines/databases that can be used to seek new funding opportunities relevant to your program and interests.

Grants.gov-[http://www.grants.gov/applicants/find\\_grant\\_opportunities.jsp](http://www.grants.gov/applicants/find_grant_opportunities.jsp)  
Federal funding opportunities from all agencies

Foundation Center Finding Funders-<http://www.fdncenter.org/funders>  
Basic information on private and community foundations, and corporate grantmakers in the United States. Search by name of foundation or sector (type of foundation). Look at annotated list of grantmakers' websites. Search for a private foundation's tax return

NIH Guide for Grants and Contracts-<http://grants2.nih.gov/grants/guide/index.html>  
Official publication for NIH's research and funding opportunities, grant policies, and guidelines.

NSF Guide to Programs-[http://www.nsf.gov/funding/browse\\_all\\_funding.jsp](http://www.nsf.gov/funding/browse_all_funding.jsp)  
General descriptions of funding programs for all NSF directorates

GrantsNet-<http://sciencecareers.sciencemag.org/funding?CFID=410257&CFTOKEN=10571652>  
Searchable, continuously update, database of funding in biomedical research and science education, provided by AAAS. Contains programs that offer training and research funding for graduate and medical students, Postdoctoral fellows, and junior faculty, as well as programs in science, math, engineering, and technology for undergraduate faculty and students.

FundSource-<http://www.decadeofbehavior.org/fundsource/index.cfm>  
Search tool for research funding in the behavioral and social sciences, provided by National Science Foundation and the American Psychological Association

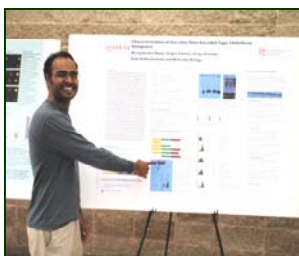
ORSP is not responsible for information contained on the various websites

### CALENDAR OF FUNDING OPPORTUNITIES

The Office of Research and Sponsored Programs is pleased to announce the addition of a "Calendar of Funding Opportunities" to its website. The purpose of this new section is to make faculty aware of potential sources of extramural funding beyond those available through federal agencies. The calendar may be accessed through the following link: [http://njms.umdnj.edu/research/orsp/funding\\_calendar.cfm](http://njms.umdnj.edu/research/orsp/funding_calendar.cfm)

For Current Rates  
Please

Visit : [http://njms.umdnj.edu/research/orsp/CurrentRates\\_001.htm](http://njms.umdnj.edu/research/orsp/CurrentRates_001.htm)  
or call Grants and  
Contracts at 973-  
972-6456



### 15th ANNUAL GSBS GRADUATE STUDENT ASSOCIATION RESEARCH SYMPOSIUM

"We need this-I learned about new areas of research at our school, and the names of potential collaborators" said Dr. Sylvia Christakos, Professor Biochemistry and Molecular Biology, as she questioned students at some of the 30+ posters in the November 17th and 18th GSA Symposium. There were also platform talks, and a keynote address on Genetics and Pathogenesis of Cardiac Myxomas by Craig T. Basson, M.D., Ph.D., Weill Cornell Medical College. GSA President Joe Vitale and Vice President Angella Oreste-Dorsey hosted students for dinner at Iberia Monday night and faculty, students and friends for lunch in the Grand Foyer on Tuesday. Research topics ranged from basic studies by Suhagi Shah on bacterial biofilm formation (Oral Biology Program) to pre-clinical studies by Sara Gilmast on Parkinson's Disease dopamine receptors (Pharmacology/Physiology Program). Congratulations to Dr. David Dubnau, Department of Microbiology and Molecular Genetics and the ICPH, elected by the students to receive the first annual Mentor of the Year Award.

(submitted by B.J. Wagner, Ph.D., Interim Associate Dean, GSBS)

## NEW NIH POLICIES

### NIH Transition to Adobe Forms

Most electronic submission to NIH on or after January 1, 2009 must use Adobe application forms except Small Business Innovation Research (SBIR R41/R44), Small Business Technology Transfer (STTR R41/R42) and Conference (R13, U13) and grant applications for the January 7, 2009 AIDS submission deadlines. Adobe reader and PDF conversion software is available for \$57.00 through TSS, please contact Arnaldo Rodriguez at 973-972-7026/  
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-117.html> and <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-026.html>

### New NIH Policy on Resubmission (amended) Applications

All new applications beginning with the 01/25/2009 due date, and competing renewal applications will be permitted only a single amendment (A1) no more (A2). <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-003.html>

### NIH Public Access Policy

NIH Increases Public Access Policy Compliance Efforts

To ensure compliance with the Public Access Policy, NIH Program Officials will check applications, proposals or progress reports to see if citations of papers appearing to fall under this policy include a PubMed Central Identifier or appropriate alternative. University Libraries in conjunction with ORSP, will be offering workshops for faculty and research administrators.

### Enhancing Peer Review at NIH

#### Shortening and Restructuring Applications

Beginning with the January 2010 receipt dates, the research plan section of the R01 application will have a 12-page limit. Page limits for other mechanisms will be scaled appropriately and will be announced at a later date. <http://enhancing-peer-review.nih.gov/> and <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-023.html>

### New and Early Stage Investigator (ESI)

Beginning with the January 2009 due dates, New and Early Stage Investigator Policies will take effect.

The NIH encourages New and Early Stage Investigators to apply for R01 grants when seeking first-time NIH funding which are previously reserved for the established investigator. An ESI is a New Investigator who is within 10 years of completing his/her terminal research degree or is within 10 years of completing medical residency. By encouraging ESIs to apply for NIH support, the NIH hopes to accelerate the transition to an independent scientific career with substantive NIH research grant support. <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-013.html>

### Roadmap Transformative R01 Program (R01)

#### Transformative R01 – (T-R01) RFA-RM-08-029

#### Application Due Date – January 29, 2009

While R01 grants support the bulk of mainstream NIH investigator-initiated efforts, the Transformative Research Projects Program (T-R01) is designed to provide a more flexible and engaging avenue for support of investigators testing novel concepts and truly transformative ideas. The primary objective of the T-R01 initiative is to create a program that is specifically designed to support exceptionally innovative, high risk, original and/or unconventional research with the potential to create new or challenge existing scientific paradigms. <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-08-029.html>



## GRANT DEADLINES

### JANUARY 2009

1/12-FUMDNJ-BRIDGE PROGRAM  
 1/13-GOLDHIRSH FOUNDATION  
 1/13-DOD (PRE-APPLICATION)  
 1/15-ADA  
 1/22-AHA  
 1/25-NIH (P SERIES ALL-NEW, RENEWAL, RESUBMISSION, REVISION)  
 1/25-NIH R18/U18, R25 (ALL-NEW, RENEWAL, RESUBMISSION, REVISION)  
 1/25-T SERIES/D SERIES (ALL-NEW, RENEWAL, RESUBMISSION, REVISION)  
 1/27-DOD (PROPOSAL)  
 1/27-AHA

### FEBRUARY 2009

2/5-R01 (NEW)  
 2/5-U01 (NEW)  
 2/12-K SERIES (NEW)  
 2/13-PASTEUR FOUNDATION  
 2/15-WHITEHALL FOUNDATION  
 2/16-R03, R21, R33, R34, R36 (NEW)  
 2/25-R15 (RENEWAL, RESUBMISSION, REVISION)  
 2/26-ELLISON FOUNDATION

### MARCH 2009

3/1-MMRF RESEARCH AWARD  
 3/1-PREVENT BLINDNESS  
 3/2-DAMON RUNYON CANCER (CLINICAL INVESTIGATOR)  
 3/2-EPILEPSY FOUNDATION  
 3/5-R01/U01 (RENEWAL, RESUBMISSION, REVISION)  
 3/12-K SERIES (RENEWAL, RESUBMISSION, REVISION)  
 3/16-DAMON RUNYON CANCER (FELLOWSHIP AWARD)  
 3/16-R03/R21/R33/R34/R36 (RENEWAL, RESUBMISSION, REVISION)

## NIH STANDARD DUE DATES FOR COMPETING APPLICATION

Mechanism (s)	Program Description	Application Form	Cycle I Due Date	Cycle II Due Date	Cycle III Due Date
P Series All	Program Project Grants	PHS 398	January 25	May 25	September 25
R18/U18, R25 All	Research Demonstration Education Projects	SF424 (R&R)	January 25	May 25	September 25
T Series D Series All	Institutional National Research Service Awards/Other Training Grants	PHS 398	January 25	May 25	September 25
C06/UC6 All	Construction Grants	SF424 (R&R)	January 25	May 25	September 25
G07, G08, G11, G13, G20, S11, S21, S22, SC1, SC2, SC3 All	Other Mechanisms	PHS 398	January 25	May 25	September 25
D71/U2R, G12, M01, R10/U10, R24/U24, S06, U19, U45, U54, U56 All	Other Mechanisms	PHS 398	January 25	May 25	September 25
R01 New	Research Grants	SF424 (R&R)	February 5	June 5	October 5
U01 New	Research Grants-Cooperative Agreements	PHS 398	February 5	June 5	October 5
K series-New	Research Career Development	PHS 398	February 12	June 12	October 12
R03, R21, R33, R21/R33, R34, R36-New	Other Research Grants	SF424 (R&R)	February 16	June 16	October 16
R15 All	Academic Research Enhancement Award (AREA)	SF424 (R&R)	February 25	June 25	October 25
R01-Renewal, resubmission, revision	Research Grants	SF424 (R&R)	March 5	July 5	November 5
U01 Renewal, resubmission, revision	Research Grants-Cooperative Agreements	PHS 398	March 5	July 5	November 5
K Series Renewal, resubmission, revision	Research Career Development	PHS 398	March 12	July 12	November 12
R03, R21, R33, R21/R33, R34, R36 Renewal, resubmission, revision	Other Research Grants	SF424 (R&R)	March 16	July 16	November 16
R41, R42, R43, R44 All	Other Research Grants	SF424 (R&R)	March 16	July 16	November 16
R41, R42, R43, R44 All	STTR/SBIR	SF424 (R&R)	April 5	August 5	December 5
F Series Fellowships New, renewal, resubmission	Individual National	PHS 416-1	April 8	August 8	December 8
R13, U13 All	Conference Grants and Conference Cooperative Agreements	SF424 (R&R)	April 12	August 12	December 12
F31 Diversity Fellowships New, renewal, resubmission	Individual Predoc-toral Fellowships	PHS 416-1	April 13	August 13	December 13
All Mechanisms Cited Above new, renewal, resubmission, revision	AIDS and AIDS-Related Applications	Based on Mechanism	May 7	September 7	January 7

For complete program details visit the NIH website at: <http://grants.nih.gov/grants/funding/submissionschedule.htm>

## ORSP MANAGEMENT

### **Gwendolyn M. Mahon, Ph.D.**

Assistant Dean for Research Administration

Telephone: 973-972-1591/E-mail: mahongm@umdnj.edu

### **Sharon McFarlane**

Manager

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Please contact the appropriate grant administrator for assistance.

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Research is an integral component of the New Jersey Medical School (NJMS) and its mission as a healthcare and educational institution. The Office of Research and Sponsored Programs (ORSP) is charged with providing pre-award administration to all faculty and staff. ORSP is responsible for assisting principal investigators with application for funding opportunities in support of their research activities and sponsored programs. The goal of ORSP is to provide assistance, guidance and support for identifying funding opportunities, application preparation and proposal tracking. ORSP also provides oversight for medical student research programs. ORSP is dedicated to facilitating the research and research-related programs of our faculty, administration, students and staff.