

# RESEARCH CAREER DEVELOPMENT NEWSLETTER

August 2012

The Research Career Development Program (RCD) offers workshops, classes and seminars in subjects that are critical to an academic research career, including Grant Writing, Publishing Your Research and Presenting Your Research. We also offer a wide range of workshops and services in professional skills development (interviewing, CV/resume writing, presenting your research, career counseling, etc) as well as a seminar series in scientific leadership and project management. To view the workshop calendar, workshop descriptions, funding sources, NIH news, grant deadlines etc., please visit: <http://medschool.umaryland.edu/career/>.

## Identifying Funding Sources for Postdocs

Tuesday, August 14

9:00 – 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

This informal workshop, given by **Stacie Mendoza**, *Research Information Specialist*, will assist postdocs in identifying non-NIH sources of funding for their research. Topics will include:

- Comprehensive introduction to various funding resources, including searchable databases and useful websites
- Interactive demonstration using funding databases
- Helpful tips for identifying sources of funding

Registration is now available at

<http://registrationrcdp.eventbrite.com?s=3694473>

## Identifying Funding Sources for Faculty

Thursday, August 16

9:00 – 10:00am

685 W. Baltimore Street, MSTF Building, Room 316

This informal workshop given by **Stacie Mendoza**, *Research Information Specialist*, will assist faculty in identifying non-NIH sources of funding for their research. Topics will include:

- Comprehensive introduction to various funding resources, including searchable databases and useful websites
- Interactive demonstration using funding databases
- Helpful tips for identifying sources of funding

Registration is now available at

<http://registrationrcdp.eventbrite.com?s=3694473>

## Tips for Writing an R03/R21 NIH Grant Application

Friday, August 17

9:00 – 12:00pm

SMC Campus Center, 621 W. Lombard Street, Room 351

The NIH offers two grant mechanisms to support the early stages of project development: the R03 (Small Research Grant) and the R21 (Exploratory Developmental Research Grant). These two mechanisms, both of which support up to 2 years of research, are often useful as a stepping stone to an R01. The basic difference between these mechanisms is that while the R03 supports small research projects that can be carried out in a short period of time with limited resources, the R21 supports exploratory, novel studies that are high risk, but which promise high reward. This workshop focuses on how to write each of these grant mechanisms. **Instructor:** Wendy Sanders, MA, Assistant Dean for Research Career Development.

Registration is now available at

<http://registrationrcdp.eventbrite.com?s=3694473>

## Academic Job Search series:

**\*\*All seminars are scheduled from 3:00 - 4:00pm in the HSF II Auditorium\*\***

### Sept 6 - Launching an Independent Academia Career

*Amy Fulton, PhD, Professor, Pathology*

- Assessing your readiness and competitiveness for an academic job
- Defining your research question and writing a research plan

### Sept 20 - Preparing your Job Search Materials

*Derek Haseltine, MEd, Director, Postdoctoral Career Development & Brian M. Polster, PhD, Assistant Professor, Anesthesiology*

- CVs, cover letters and letters of recommendation

### Sept 27 - How to Deliver an Effective Research Talk

*Peter W. Swaan, PhD, Professor of Pharmaceutical Sciences Associate Dean for Research and Graduate Studies Director, UMB Center for Nanomedicine and Cellular Delivery*

- Do's and don'ts of an academic job talk; Handling the Q & A session

### Oct 4 - Interviewing & Negotiating

*James Kaper, PhD, Professor & Chair, Microbiology and Immunology*

- Tips for conducting a successful interview
- How to negotiate to get what you need

### Oct 18 - Non-R01 Job Packets & Interviews

*Judy Levin, PhD, Professor, Biology & Chemistry, Goucher College & Larry Wimmers, PhD, Director, Molecular Biology, Biochemistry and Bioinformatics Program, Towson University*

- Special session for individuals targeting primarily undergraduate institutions (PUI) and teaching intensive faculty positions

Registration is now available at

<http://registrationrcdp.eventbrite.com?s=3694473>

## How to Write an NRSA Fellowship Application

Tuesday, October 9

1:00 – 4:00pm

SMC Campus Center, 621 W. Lombard Street, Room 349

The Office for Research Career Development is pleased to offer a workshop on writing an NRSA (National Research Service Award). This workshop will begin with an overview of the NRSA's, and their role in an academic research career. The workshop will focus on the four key components of an NRSA: candidate qualifications, training plan, mentor statement and research plan. In addition, the workshop will provide tips for writing a successful NRSA, with an emphasis on the criteria which reviewers use to evaluate these applications.

This workshop is free to all UMB graduate students and postdoctoral fellows; however, registration is required.

**Please note:** By the time of award, in order to be eligible for an NRSA, the individual must be a citizen or a non-citizen national of the United States or have been lawfully admitted for permanent residence. **Please also note:** the total amount of time that NIH will fund an individual on training mechanisms is 3 years. This includes time funded on a T32 as well as on an individual NRSA. Thus, the total amount of time funded by a T32 combined with an F 31/32 **cannot exceed 3 years.**"

Registration is now available at

<http://registrationrcdp.eventbrite.com?s=3694473>

## Scientific Leadership & Project Management seminars: Focus on Mentoring

*The following sessions will address various challenges related to mentoring and management faced by new/early stage principal investigators. Join successful UMB investigators as they share their experiences and lessons learned. Target audience: Junior faculty and senior postdocs.*

### Optimizing your mentoring approach to match trainee character, talent, experience and goals

Wednesday, October 10

12:00-1:00pm

685 W. Baltimore Street, BRB 14-007

*Speaker: Michael Quon, M.D., Ph.D., Professor of Medicine*

No two trainees are alike! During this discussion, Dr. Quon will share advice on how to successfully adapt your mentoring approach to meet the unique needs and career goals of individual mentees. Additionally, he will discuss the importance of picking the "right" mentor as well as applying various mentoring skills from your own scientific lineage to enhance your mentoring activities.

### Building an effective research team and picking the "right" personnel for your lab

Monday, November 19

12:00-1:00pm

685 W. Baltimore Street, BRB 14-007

*Speaker: Patricio O'Donnell, M.D., Ph.D., Professor of Anatomy & Neurobiology and Psychiatry*

#### Topics of discussion:

- How to effectively recruit and interview potential trainees and staff
- Managing the "human element" in the lab and building a productive, stimulating and social research environment
- Advice on what to do when things don't work out

Registration is now available at

<http://registrationrcdp.eventbrite.com?s=3694473>

## Publish, Don't Perish!

## How to Write and Publish a Biomedical Research Paper (workshop)

Friday, October 12

8:30 – 12:30pm (didactic session); 12:30 – 1:30pm (lunch)

SMC Campus Center, 621 W. Lombard Street, Room 349

This half day workshop is targeted to all residents, fellows, grads, postdocs and junior faculty with an interest in learning how to write and publish a scientific research paper. Subjects that will be addressed include: Understanding the Structure and Content of a Research Article (Introduction, Methods, Results and Discussion); Tips for Effective Writing; Successfully Navigating the Publication Process; and Ethical Considerations.

A networking luncheon is included.

**Please note:** an interactive, small group session will be scheduled subsequently for participants who want to obtain feedback on specific aspects of Writing a Research Paper. Participants may choose up to 2 interactive workshops of most interest to them., including: Writing the Abstract for a Basic Science paper; Writing the Abstract for a Clinical Paper; Manuscript Resubmission: Writing the Response to Reviewers; Presenting Your Data (Results); and Effective Scientific Writing.

Details regarding this session will be announced shortly. This workshop is free; however, registration is required.

Registration is now available at

<http://registrationrcdp.eventbrite.com?s=3694473>

## Career discussion hour: Industry careers

Led by former UMB alumni, these informal sessions will introduce industry career paths including **sales** and **drug discovery**. Speakers will overview primary job functions, day-to-day details and future growth opportunities. Additionally, they will share their experience transitioning from the bench and provide practical job search advice to those targeting similar careers.

October 17, 12:00-1:00pm

SMC Campus Center, 621 W. Lombard Street, Room 311

*Guest speaker:*

Michelle Laird, Ph.D., Life Science Specialist (Sales), Sigma-Aldrich

October 19, 11:00-12:00pm

SMC Campus Center, 621 W. Lombard Street, Room 351

*Guest speaker:*

Muhua Grace Yang Ph.D., Research Scientist, Venenum Biodesign

Registration is now available at

<http://registrationrcdp.eventbrite.com?s=3694473>

## Science and Social Media

Wednesday, October 24

3:00- 4:00pm

SMC Campus Center, 621 W. Lombard Street, Room 351

*Guest speaker:*

*Jaime Vernon, Ph.D., AAAS Science & Technology Policy Fellow, Office of Energy Efficiency and Renewable Energy*

Join communications strategist and energy analyst, Dr. Vernon, for an informative and practical discussion of best practices in social media for life scientists. Topics of discussion will include:

- Introduction to professional and social media websites and applications, including LinkedIn, Twitter, science blogs, scientific networking databases, etc.
- How to develop an effective strategy to increase your visibility, promote your research and share ideas via social media

Registration is now available at

<http://registrationrcdp.eventbrite.com?s=3694473>

## **GRANT WRITING CONSULTATIONS**

**Wendy Sanders, MA**, *Assistant Dean* for Research Career Development, is available to meet with junior faculty regarding how to plan, organize and write a research grant application. In addition, Ms. Sanders is available to meet with faculty regarding how to revise a grant application, including how to address summary statements. To schedule an appointment with Ms. Sanders, email: [wsanders@som.umaryland.edu](mailto:wsanders@som.umaryland.edu)

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## **CAREER COUNSELING**

**Derek Haseltine, MEd**, *Director* for Research Career Development, is available to meet with junior faculty and postdocs regarding career counseling, how to write a CV using UMSOM format for promotion, how to write a resume, prepare for an interview, etc. To schedule an appointment with Mr. Haseltine, email: [dhaseltine@som.umaryland.edu](mailto:dhaseltine@som.umaryland.edu)

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## **FUNDING SOURCE CONSULTATIONS**

**Stacie Mendoza**, *Academic Coordinator* for the Office for Research Career Development, assists junior faculty with identifying sources of funding for their research including how to navigate the NIH funding database. To schedule an appointment with Ms. Mendoza, email: [ssmall@som.umaryland.edu](mailto:ssmall@som.umaryland.edu)

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## **Upcoming Funding Opportunities and Award Deadlines**

More funding opportunities can be found at:  
<http://medschool.umaryland.edu/career/deadlines.asp>

### **National Lung Cancer Partnership - 2013**

Young Investigator Research Grant

**DEADLINE:** August 20, 2012

**WEBSITE:**

[http://www.nationallungcancerpartnership.org/images/uploads/files/Partnership\\_YIRG%20RFA\\_FINAL\\_2012.pdf](http://www.nationallungcancerpartnership.org/images/uploads/files/Partnership_YIRG%20RFA_FINAL_2012.pdf)

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### **NIH**

2013 NIH Director's Transformative Research Awards

**LOI DUE:** August 21, 2012

**FULL APPLICATION DUE:** September 21, 2012

**WEBSITE:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-12-017.html>

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### **American Association for Cancer Research**

Kure It Grant for Kidney Cancer Research

**DEADLINE:** August 21, 2012

**WEBSITE:** <http://www.aacr.org/home/scientists/aacr-research-funding/current-funding-opportunities-for-independent-researchers.aspx#kureit>

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### **Bill & Melinda Gates Foundation**

Gates Vaccine Innovation Award

**DEADLINE:** August 31, 2012

**WEBSITE:**

<http://www.gatesfoundation.org/vaccines/Pages/vaccine-innovation-award.aspx>

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### **BD Biosciences Immunology Research Grants**

**DEADLINE:** August 31, 2012

**WEBSITE:**

<http://www.bdbiosciences.com/research/grant/apply/immuno.jsp>

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### **Epilepsy Foundation**

Research Grants Program

**DEADLINE:** August 31, 2012

**WEBSITE:** <http://www.epilepsyfoundation.org/research/grant-and-fellowship-opportunities.cfm>

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### **OFFICE FOR RESEARCH CAREER WEBSITE**

Additional funding opportunities & faculty awards:

<http://medschool.umaryland.edu/career/deadlines.asp>

### **NATIONAL INSTITUTES OF HEALTH**

Current Funding Opportunities and Notices:

<http://grants1.nih.gov/grants/guide/index.html>

Standard Grant Receipt Deadlines:

<http://grants.nih.gov/grants/funding/submissionschedule.htm>

### **NATIONAL SCIENCE FOUNDATION**

Active Funding Opportunities - Recently Announced:

[http://www.nsf.gov/funding/pgm\\_list.jsp?org=nsf&ord=rcnt](http://www.nsf.gov/funding/pgm_list.jsp?org=nsf&ord=rcnt)