

September 2010

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A newsletter for the MGH Research Community

**From the ORCD Director, Tayyaba Hasan, PhD**

We welcome you to another academic year of exciting programs and services for the research community. In the ORCD, we have spent the summer planning for the first annual Career Day and fifth annual Poster Celebration, which will be

one comprehensive event on October 29<sup>th</sup>. This newsletter has all the information you need to get the most out of 2010 Career and Poster Day, as well as recognition of the research achievements of our colleagues, and information about other ORCD events

and programs. We welcome you to contact the ORCD with your questions and ideas.

Warmly,  
*Tayyaba*  
T. Hasan, PhD  
ORCD Director



## CALL FOR ABSTRACTS !!

### All Research Fellows and Instructors are Invited to Take Part in Career/Poster Day

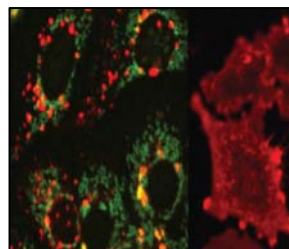
After months of preparation, abstract submissions recently opened for the **all new** ORCD Poster Celebration and Career Day. Research Fellows and Instructors are invited to display a poster of their research, and take advantage of this year's unique opportunity to combine the poster session with **career exploration and networking with scientific leaders** from within and outside MGH.

The best traditions of past Poster Celebrations will remain, including **awards** and cash prizes for top-ranked posters. In addition, two **panel discussions, focused on careers in academia and industry**, will take place in the morning. And, biotech and pharmaceutical companies will have

information tables in the Bulfinch tent near the posters.

Poster presenters will have the chance to network with panelists and other invited representatives, and first authors may include a brief biosketch in the abstract book that will be distributed to all attendees. In addition, all posters are eligible for prizes awarded in several categories. As in past years, large-format printing will be available at no cost to presenters. Submit your abstract now to take advantage of these opportunities. See page 3 for an agenda of the day.

**Download abstract materials from our website (see below). Deadline: September 17, 2010.**



## News from the Mass General Postdoc Association (MGPA)

### Show Me the Science!

#### Volunteer Opportunity

The Science Club for Girls "Show Me the Science" Reverse Science Fair event will be held on Saturday, October 9<sup>th</sup> at Northeastern. SCfG is looking for volunteer scientists to present demonstrations of their favorite scientific concepts. Demos should be hands-on opportunities for girls age 8-15 to learn about science. Share your love of science, make a difference in the lives of girls and still work around your busy schedule with this one-time commitment. Volunteer spaces are limited, so please sign up now. For more information, and videos from past fairs, go to [www.scienceclubforgirls.org](http://www.scienceclubforgirls.org).

The MGPA has a busy month planned, with activities aimed at helping postdocs network with each other and explore career options in science. On September 1<sup>st</sup>, the MGPA hosted a Mentored Lunch that focused on "Careers Away from the

**Bench."** Postdocs were able to choose from six different career options, and get first-hand information from people who are using their PhDs in unusual ways. Also coming up this month, the MGPA will host a **BBQ and**

**Networking event** at the Charlestown Navy Yard on September 24<sup>th</sup>. In honor of Postdoc Appreciation Day, this event will bring postdocs together for a casual outdoor meal to have fun, meet people from other labs, and learn more about the Postdoc Association. On September 29<sup>th</sup> the MGPA will host an important event for all postdocs who want to take part in the new **Industry Exploration Program**. The seminar will discuss Intellectual Property guidelines for the program, and will give information on applying to the program. Go to [www.massgeneral.org/mgpa](http://www.massgeneral.org/mgpa) for more information.



Participants at the MGPA's September 1, 2010 Mentored Lunch focusing on "Careers Away from the Bench."

## Pathway to Independence (K99) Awards at MGH

*The NIH Pathway to Independence (K99/R00) Award program is a prestigious grant that helps some of the best and brightest young scientists make the transition from postdoctoral trainee to independent scientist. MGH is proud to continue an excellent track record with these grants, and the ORCD congratulates these recent K99 awardees:*

**Jihong Bai, PhD**, Mechanisms of synapse remodeling

**Stefan Alexandru Carp, PhD**, Time resolved breast imaging using a combined MRI and optical tomography approach

**Sean Curran, PhD**, Evolutionarily conserved mechanisms of lifespan regulation

**Adrian KC Lee, Sc.D**, Spatiotemporal mapping of auditory attention using multimodal imaging

**Kiran Musunuru, MD PhD**, Genetic and functional analyses of a novel locus associated with LDL-C and MI

**Eyleen O'Rourke, PhD**, Conserved mechanisms of lipid homeostasis in *c. elegans*

**Timothy Padera, PhD**, Lymphatic radiobiology

**Peter Rolf Panizzi, PhD**, Pathobiology of staphylococcus aureus endocarditis

**Leilei Peng, PhD**, Densely multiplexed fluorescence imaging by fourier transform flourometry

**Kawin Setsompop, PhD**, MRI technology for measurement of functional and structural connectivity in the brain

**Anurag Singh, PhD**, Defining lineage-specific determinants of K-RAS "addiction" in human cancers

**Tara Spires-Jones, DPhil**, Synaptic loss and plasticity in aging and Alzheimer's disease

**Vivek Jay Srinivasan, PhD**, Functional optical coherence tomography for imaging of cortical hemodynamics

**Melissa Suter, PhD**, Optical imaging of the pulmonary airways in the assessment of lung cancer

**Meng Carla Wang, PhD**, Roles of lipid metabolism in regulation of longevity

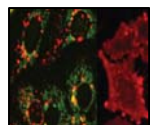
**Lilla Zollei, PhD**, Age-dependent analysis techniques for pediatric structural and diffusion MRI data

## You're Invited!! Fifth Annual ORCD *Poster Celebration* and First Annual *Career Day*. October 29, 2010

Please join us for the *Fifth Annual ORCD Research Fellows Poster Celebration*, presented this year in conjunction with the *First Annual Career Day*.

On this exciting and important day, MGH Research Fellows and Instructors will showcase their research in a poster session in the Bullfinch Tent. In addition, the First Annual Career Day will help MGH's young investigators and trainees network and explore different career options, with panels geared toward careers in Academia and Industry, and scientific leaders invited to the Poster Celebration. All poster first authors may submit a biosketch for the abstract book.

### Agenda



9:30 am – 5:30 pm

**Posters on display** all day. Authors will be present during the afternoon celebration

10:00 am – 11:30 am

**Academic Careers Panel Discussion (Ether Dome)**, featuring professors and deans from MGH/HMS, Dartmouth, and McMaster University



11:45 am – 1:00 pm

**Industry Career Panel Discussion (Ether Dome)**, featuring scientific leaders from Ironwood Pharmaceuticals, Merck, Merrimack Pharmaceuticals and AstraZeneca

3:30 pm – 5:30 pm

**Poster Celebration**, including

*Poster presentation and networking with MGH colleagues and other scientific leaders*

*Industry information tables*

*Award presentations for top posters*

*Refreshments*



**Postdocs and Instructors: It's not too late to submit an abstract. Deadline is September 17, 2010**

**All are invited to this event! October 29<sup>th</sup> in the Bullfinch Tent and the Ether Dome**

### Coming in November...

#### A New Grant Writing Workshop

featuring

#### The Grant Training Center

[www.granttrainingcenter.com](http://www.granttrainingcenter.com)

This intensive 1.5 day workshop will bring expert speakers from the Grant Training Center to MGH.

Topics covered will include:

- NIH roadmap and priorities
- Funding mechanisms: which grant is right for you? Which Institute is right for you?
- Use of NIH RePORTer and grants.gov
- How to write winning NIH grants
- Understanding review criteria
- Mock Study Section: be a "fly on the wall" during the review of 2 grants
- Expert feedback on your grant

Save the dates: November 22, 2010 (all day)  
November 23, 2010 (morning)

**Stay tuned for more details from the ORCD**

### Did you know.... Training grants have new RCR requirements

Earlier this year, the NIH instituted new regulations for Responsible Conduct of Research (RCR) education for all postdocs and students funded by NIH training grants, including T32 institutional grants and F and K series individual grants.

You can find assistance in meeting these requirements on the ORCD web site ([www.massgeneral.org/orcd](http://www.massgeneral.org/orcd)), under "Research Resources." See the web site for:

- Details on the new RCR regulations
- Text for your grant application's RCR plan\*
- Schedules of RCR Training\* and related programs
- Examples from our program archives of RCR seminars

\*Developed and presented by Partners Office of Research Compliance.

The next Partners RCR training will take place on October 18<sup>th</sup> at the Brigham and Women's Hospital.

## Spotlight on MGH Researchers' Honors and Awards

**The Office for Research Career Development would like to congratulate the following MGH faculty and fellows for their recent professional honors:**

**Julian M. Goldman, MD**  
International Council on Systems Engineering 2010 Pioneer Award

**Nir Hacohen, PhD**  
2010 Joseph B. Martin Prize for Excellence in Basic Research

**John Kelly, PhD**  
Invited to serve as a consultant to the White House Office of National Drug Control Policy

**David M. Nathan, MD**  
Distinguished Scientist Award, National Institute of Diabetes and Digestive and Kidney Diseases, NIH

**Gladys Pachas, MD**  
Young Investigator Award, NIMH New Clinical Drug Evaluation Unit

**Dinesh Patel, MD**  
Opening of the Dinesh G. Patel, MD Arthroscopy Learning Laboratory

**Scott Plotkin, MD PhD**  
2010 Joseph B. Martin Prize for Excellence in Clinical Research

**Steven A. Safren, PhD**  
The A. Clifford Barger Excellence in

Mentoring Award, HMS

**Bryan Spring, PhD**  
National Research Service Award (NRSA): Hyperspectral microendoscopy to monitor VEGF during pancreatic cancer therapy

**Bruce Walker, MD**  
Elected to the American Academy of Arts and Sciences and to the Institute of Medicine

**Deborah Wexler, MD**  
Eleanor and Miles Shore 50<sup>th</sup> Anniversary Fellowship Award for Scholars in Medicine

See our web site for more awards.

## Mark Your Calendar! Fall 2010 Programs for Researchers

### Call for Abstracts: ORCD Poster Celebration and Career Day

Submit an abstract describing your research by the deadline, and you will be eligible to present a poster of your research, compete for awards, and participate in the full range of activities on Career Day and at the Poster Celebration.  
**Abstract deadline: Sept. 17<sup>th</sup>**  
Applications available at:  
[www.massgeneral.org/orcd](http://www.massgeneral.org/orcd)

### Is a Start-up Right for You? An Intro to Industry Science

The CEO of a nanotechnology company in Pasadena, CA will share his perspectives on the advantages and disadvantages of careers for postdocs and grad students outside of the academic world. This talk will provide you with an understanding of industry science (specifically startup science companies) and careers in industry as a whole.  
**Speaker: Adam Stein**  
**September 13 or 14 TBA**

### Climbing the Academic Ladder: Practical Points and Steps

This 3-part seminar is geared towards:

1. Understanding the HMS Promotions Process (11-12:00)
  2. Preparing your CV in the HMS format (12:30-1:30)
  3. Crafting your CV narrative (2:00-3:00)
- You may register for any/all of the 3 sessions.  
**Speaker: Theodore Stern, MD**  
**Friday, September 10, 2010**  
**Yawkey 10.660 Conf. Room**

### MGPA BBQ, Networking and Information Event

Celebrate Postdoc Appreciation Day with a fun cookout, and learn more about getting involved with the Mass General Postdoc Association (MGPA).  
**Friday, September 24, 2010**  
**4:30 – 8:00 pm**  
**CNY Building 114 Patio**  
**Charlestown Navy Yard**

### Cracking the Glass Ceiling in Academic Medicine

This presentation will review the current state of women in academic medicine and explore strategies to change these demographics at a faster pace in the future.  
**Featured speaker: Eve J. Higgenbotham, SM, MD**

Senior Vice President and Exec. Dean at Howard University  
Opening remarks by MGH President Peter Slavin, MD  
**Monday, September 20, 2010**  
**12:00 – 1:30 pm**  
**Thier Conference Room**  
**Register: [cfd@partners.org](mailto:cfd@partners.org)**

### MGPA Industry Experience Program

Learn more about the Industry Experience Program, in which postdocs visit companies to learn about jobs in industry. Also learn about Intellectual Property guidelines for these company visits. Attendance for the full duration of the seminar is a prerequisite for application to the IEP Program.  
**Wednesday, September 29<sup>th</sup>**  
**4:30 – 6:00 pm**  
**Simches Auditorium**  
**Simulcast to CNY Rm. 7231**

### The Power of Presentation

This seminar for faculty with HMS appointments will provide the tools and job aids needed to make your point to an audience more effectively. The speaker will discuss the key ingredients

to consider the next time you create and deliver a scientific talk.

**Wednesday, October 20<sup>th</sup>**  
**12:00 – 2:00 pm**  
**Yawkey 10.660 Conf. Room**  
Second presentation:  
**Wednesday, December 8<sup>th</sup>**  
**5:30 – 6:45 pm**  
**Thier Conference Room**

### Herding Cats: Effective Leadership in Academic Science

Leading other highly-educated people can prove challenging: they don't like being told what to do, they often know more than their bosses (or think they do), and the metrics to measure progress are not always clear. This seminar will help you become a successful leader, including: ways to motivate lab members to be more productive, avoiding common mistakes in managing scientists and engineers, and communicating effectively with your team.  
**Speaker: Gwen Acton, PhD**  
**Monday, November 8, 2010**  
**12:00 – 1:30 pm**  
**Simches Auditorium**

Unless otherwise noted, please contact [orcd@partners.org](mailto:orcd@partners.org) with questions or to register.

For newsletter questions or submissions, contact: Ann M. Skoczenski, PhD [askoczenski@partners.org](mailto:askoczenski@partners.org)

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