

## **BSD Postdoctoral Association Weekly Bulletin**

*March 31st, 2009*

### **Summary:**

- 1. BSD Postdoc Association Seminar on Teaching this Friday**
- 2. Monthly Postdoc Information Session (4/23)**
- 3. Job Posting: Principal Scientist, Biology/Assay Development**
- 4. Defining Your Academic Career: Toward an Integration of Teaching and Research (THIS FRIDAY)**
- 5. Job Posting: In Vivo Pharmacology, Staff Investigator**
- 6. Panel Discussion: Motherhood and Success in Science (5/18)**
- 7. Weekly NIH Funding Opportunities and Notices**

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### **1. BSD Postdoc Association Seminar this Friday**

"Transitioning to a Teaching Career"

Greg Wallace  
Friday, April 3rd  
BSLC 205, 4pm

Refreshments provided by BSD Office of Graduate and Postdoctoral Affairs Biological Sciences Division, The University of Chicago  
<http://www.bsdpostdoc.uchicago.edu>

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### **2. Monthly Postdoc Information Session (4/23)**

Monthly Post-doc Information Session

Question and answer session for post-docs, regarding their rights and benefits, led by University administrators.

Monday, April 13, 2009, 10-11am  
Biological Sciences Learning Center Rm 240  
924 East 57th Street

All Biological Sciences Division Post-docs welcome. Registration not required.

Persons with disabilities who wish to attend this event should contact

Melissa Lindberg [mlindber@bsd.uchicago.edu](mailto:mlindber@bsd.uchicago.edu)

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### **3. Job Posting: Principal Scientist, Biology/Assay Development**

Ohmx Corporation has an opening for a highly motivated and experienced Ph.D. level biologist to participate in the development of state-of-the-art protein biosensors. As a member of a multidisciplinary team of scientists, this individual will be responsible for designing and developing novel in vitro assay methodologies for the detection of proteins, bacteria and viruses.

This position will require the selection, development and modification of sample preparation and assay protocols with consistent feedback to sensor design teams. The ideal candidate will have a solid working knowledge of immunoassays and/or other assays for which biosensor miniaturization would be beneficial. Tissue culture and microbiological techniques with various cell lines is beneficial. The desire to work in a high performance start-up environment with special emphasis on commercializing products is essential.

The candidate will be a motivated self-starter with good organizational skills and have excellent verbal and written communication skills. The ability to work with a team across functional boundaries to ensure focused and timely execution of projects is critical. A track record of inventions and publications in peer-reviewed journals is desirable.

Position Requirements:

Ph.D.(or equivalent) in biology, biochemistry, molecular biology or related discipline

Interest in moving to the Chicago area

Experience in assay development (in an industrial setting)

Experience in one or more of the following areas is a plus:

Phage-display techniques

Protein biochemistry

Protein binding assays

BSL2/3 environment

Peptide or aptamer assays

Electrochemical measurements

Writing SOPs, validation protocols and validation reports

About Ohmx Corporation

Ohmx Corporation is a protein biosensor company focused on the development of portable, electronic detection devices for use in in vitro diagnostics and other applications such as biodefense, food safety and water testing. The company's platform performs multiplexed protein detection using nano-engineered electronic surfaces arrayed on disposable chips. The single-use biosensor chip, containing sites for a panel of targets and corresponding biosensor reader is enabling multiplexed detection that is rapid, sensitive, and inexpensive to manufacture, offering a significant advantage over traditional technologies. Further information is available at [www.ohmx.com](http://www.ohmx.com).

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#### **4. Defining Your Academic Career: Toward an Integration of Teaching and Research (THIS FRIDAY)**

Center for Teaching & Learning Annual Spring Conference on Teaching

Friday, April 3, 2009

Graduate students and postdocs are invited to join us for a day of panel discussions devoted to practical questions on how to design courses that both support problems addressed in one's research and encourage deep engagement by students. A range of scholars from distinct disciplines and institutional types will consider how teaching and research interests can be productively integrated.

SCHEDULE OF EVENTS

10:30–12:00 Approaching the Unfamiliar in the Classroom

MICHAEL RAINE, University of Chicago (EALC., Cinema & Media Studies),  
TRAVIS A. JACKSON, University of Chicago

(Music), TODD EMRICK, U. Mass–Amherst (Polymer Science and  
Engineering)

12:00–1:00 Lunch

1:00–2:30 Rethinking the Lecture Format

JASON BRIDGES, University of Chicago (Philosophy), PHOEBE RICE,  
University of Chicago (Biochemistry & Molecular

Biology), LANE FENRICH, Northwestern University (History)

2:30–4:00 The Esoteric and the Foundational: Why Teaching Introductory  
Courses is Critical to Good Research

NOMI LAZAR, Yale University (Canadian Studies and Political Science),  
JEAN QUASHNOCK, Carthage College (Physics),

JAMES SPARROW, University of Chicago (History)

4:00–5:30 Reception

Please RSVP by email to [CTLconference2009@uchicago.edu](mailto:CTLconference2009@uchicago.edu).

Persons with a disability, who believe they may need assistance in  
attending this event, please contact Jeanelle Hayner at (773) 834–4439.

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### **5. Job Posting: In Vivo Pharmacology, Staff Investigator**

\* Job Role: Biology, Immunology, Cancer Research/Oncology,  
Physiology, Pharmacology, Biotechnology, Developmental Biology, Drug  
Discovery, Biochemistry

\* Job Hours: Full-Time

\* Sector: Industry

\* Location: MA – Massachusetts

\* Company: AcelaBio

### AcelaBio In Vivo Pharmacology, Staff Investigator

In this key position, you will critically evaluate potential drug candidates in clinically relevant small animal (rodent) models of disease in the areas of immunology/inflammation or oncology. Working in a multidisciplinary team environment, you will be responsible for designing, developing, optimizing and validating relevant models, executing experimental strategies, coordinating external contract research and analyzing, interpreting and presenting results.

Requirements include:

PhD in a life science

2+ years postdoctoral or industry experience

Expertise in in vivo physiology or pharmacology, including significant hands-on in vivo skills to validate animal models

4+ years experience with rodents

Experience with functional, biochemical, morphological, and behavioral techniques, and/or biomarker analysis.

AcelaBio is an early stage biotechnology company in small molecule drug discovery, pioneering faster approaches to cancer treatment. The position is located in Cambridge, MA. Please submit your CV and list of three references to [AcelaBio@gmail.com](mailto:AcelaBio@gmail.com)

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## **6. Panel Discussion: Motherhood and Success in Science**

Motherhood & Success in Science Panel Discussion

Monday, May 18, 2009

Room 109, Biological Science Learning Center

(924 E. 57th Street, Chicago, IL 60637)

The University of Chicago

Moderator: Lisa Wolf-Wendel, Ph.D. (University of Kansas)

Panelists:

Lisa Abston, Ph.D. (Director, Office of Prehealth Professions Programs, Chicago State University)

Leslie Kay, Ph.D. (Professor, University of Chicago)

Emily Monosson, Ph.D. (Editor, *Motherhood, Elephant in the Laboratory: Women Scientists Speak Out*)

Amanda Petford-Long (Senior Scientist, Argonne National Laboratory)

Gina D. Wesley-Hunt, Ph.D. (Assistant Professor, Montgomery College; contributor to the book)

TBA (Medical Doctor, University of Chicago)

Motherhood Book Signing with Gina Wesley & Emily Monosson

Motherhood and Success in Science is an exciting regional event co-sponsored by The University of Chicago and Northwestern University. The panel will explore the challenges of balancing a career in science and motherhood and moderated by a researcher studying the impact of motherhood on women's scientific careers. The program is intended especially for younger scientists, graduate students, postdoctoral fellows, and early-career faculty and researchers—women and men are welcome to attend.

This program is sponsored at the University of Chicago by the Office of the Provost, the Physical Sciences Division, the Center for Gender Studies, the Biological Science Collegiate Division, the Medical Scientist Training Program, and the Biological Sciences Division.

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## **7. Weekly NIH Funding Opportunities and Notices**

Notices

\* Training Opportunity for Applicants to PAR-08-075, PAR-08-076  
Community-Based Research Targeting the Medically Underserved  
(NOT-OD-09-067)

Office of Behavioral and Social Science Research

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-067.html>

\* NIH Requires Mandatory Use of the eRA Commons Financial Conflict of Interest (FCOI) Module beginning July 1, 2009 for NIH-funded Grants and/or Cooperative Agreements

(NOT-OD-09-072)

National Institutes of Health

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-072.html>

\* Frequently Asked Questions for: Community Participation Research Targeting the Medically Underserved PAR-08-075 (R01) and PAR-08-076 (R21)

(NOT-OD-09-073)

Office of Behavioral and Social Science Research

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-073.html>

\* Enhancing Peer Review: The NIH Announces Consolidation of Review Criteria for Institutional Research Training Grant Applications (T32) Submitted for FY 2010 Funding

(NOT-OD-09-074)

National Institutes of Health

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-074.html>

\* Ruth L. Kirschstein National Research Service Award (NRSA) Stipend and Other Budgetary Levels Effective for Fiscal Year 2009

(NOT-OD-09-075)

National Institutes of Health

Agency for Healthcare Research and Quality

Health Resources and Services Administration

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-075.html>

\* Notice Regarding RFA-OD-09-005, "Recovery Act Limited Competition: Biomedical Research Core Centers to Enhance Research Resources (P30)"

(NOT-OD-09-076)

National Institutes of Health

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-076.html>

\* Notice of Correction to Table of Contents on RFA-AG-10-001 and RFA-AG-10-002

(NOT-AG-09-004)

National Institute on Aging

<http://grants.nih.gov/grants/guide/notice-files/NOT-AG-09-004.html>

\* The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Will Not Participate in RFA-OD-09-004: Recovery Act Limited Competition for NIH Grants: Research and Research Infrastructure Grand Opportunities (RC2)

(NOT-DK-09-010)

National Institute of Diabetes and Digestive and Kidney Diseases  
American Reinvestment and Recovery Act of 2009

<http://grants.nih.gov/grants/guide/notice-files/NOT-DK-09-010.html>

\* The National Eye Institute (NEI) Will Not Participate in RFA-OD-09-004: Recovery Act Limited Competition for NIH Grants: Research and Research Infrastructure Grand Opportunities (RC2)

(NOT-EY-09-004)

National Eye Institute

American Reinvestment and Recovery Act of 2009

<http://grants.nih.gov/grants/guide/notice-files/NOT-EY-09-004.html>

\* Native American Research Centers for Health

(NOT-GM-09-015)

National Institute of General Medical Sciences

<http://grants.nih.gov/grants/guide/notice-files/NOT-GM-09-015.html>

\* Request For Information: Studying Community Programs to Reduce Childhood Obesity

(NOT-HL-09-122)

National Heart, Lung, and Blood Institute

<http://grants.nih.gov/grants/guide/notice-files/NOT-HL-09-122.html>

\* Notice of Correction to PAR-08-093, National Institute of Mental Health (NIMH) Career Opportunities in Research (COR) Honors Undergraduate Research Training Grant (T34)

(NOT-MH-09-007)

National Institute of Mental Health

<http://grants.nih.gov/grants/guide/notice-files/NOT-MH-09-007.html>

\* Request for Comments on the Proposed Use of a Determination of Exceptional Circumstances (DEC) for the NINDS Medicinal Chemistry for Neurotherapeutics Program

(NOT-NS-09-008)

National Institute of Neurological Disorders and Stroke

<http://grants.nih.gov/grants/guide/notice-files/NOT-NS-09-008.html>

### Requests for Applications

\* Recovery Act Limited Competition: Research to Address the Heterogeneity in Autism Spectrum Disorders (R01)

(RFA-MH-09-170)

National Institute of Mental Health

Eunice Kennedy Shriver National Institute of Child Health and Human Development

National Institute on Deafness and Other Communication Disorders

National Institute of Environmental Health Sciences

National Institute of Neurological Disorders and Stroke

American Reinvestment and Recovery Act of 2009

Application Receipt Date(s): May 12, 2009

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-09-170.html>

\* Recovery Act Limited Competition: Research to Address the Heterogeneity in Autism Spectrum Disorders (Collaborative R01)

(RFA-MH-09-171)

National Institute of Mental Health

Eunice Kennedy Shriver National Institute of Child Health and Human Development

National Institute on Deafness and Other Communication Disorders

National Institute of Environmental Health Sciences

American Reinvestment and Recovery Act of 2009

Application Receipt Date(s): May 12, 2009

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-09-171.html>

\* Recovery Act Limited Competition: Research to Address the Heterogeneity in Autism Spectrum Disorders (R21)

(RFA-MH-09-172)

National Institute of Mental Health

Eunice Kennedy Shriver National Institute of Child Health and Human  
Development

National Institute on Deafness and Other Communication Disorders

National Institute of Environmental Health Sciences

National Institute of Neurological Disorders and Stroke

American Reinvestment and Recovery Act of 2009

Application Receipt Date(s): May 12, 2009

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-09-172.html>

\* Recovery Act Limited Competition: Research to Address the  
Heterogeneity in Autism Spectrum Disorders (R34 and Collaborative R34)

(RFA-MH-09-173)

National Institute of Mental Health

Eunice Kennedy Shriver National Institute of Child Health and Human  
Development

National Institute on Deafness and Other Communication Disorders

American Reinvestment and Recovery Act of 2009

Application Receipt Date(s): May 12, 2009

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-09-173.html>

\* Recovery Act Limited Competition for NIH Grants: Research and  
Research Infrastructure Grand Opportunities (RC2)

(RFA-OD-09-004)

National Institutes of Health

National Center for Complementary and Alternative Medicine

National Cancer Institute

National Center for Minority Health and Health Disparities

National Human Genome Research Institute

National Heart, Lung, and Blood Institute

National Institute on Aging

National Institute on Alcohol Abuse and Alcoholism

National Institute of Arthritis and Musculoskeletal and Skin Diseases

National Institute of Biomedical Imaging and Bioengineering

Eunice Kennedy Shriver National Institute of Child Health and Human  
Development

National Institute on Drug Abuse

National Institute of Dental and Craniofacial Research

National Institute of Environmental Health Sciences

National Institute of General Medical Sciences

National Institute of Mental Health

National Institute of Neurological Disorders and Stroke  
The Common Fund/Office of Strategic Coordination  
American Reinvestment and Recovery Act of 2009  
Application Receipt Date(s): May 27, 2009  
<http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-09-004.html>

## Program Announcements

\* Building System Capacity for Implementing Evidence-Based Practices  
in Substance Abuse Treatment and Prevention (R34)

(PA-09-105)

National Institute on Drug Abuse

Application Receipt/Submission Date(s): Multiple dates, see  
announcement

<http://grants.nih.gov/grants/guide/pa-files/PA-09-105.html>

\* Basic and Translational Research in Emotion (R01)

(PA-09-137)

National Institute of Mental Health

National Cancer Institute

National Institute on Aging

National Institute on Alcohol Abuse and Alcoholism

Eunice Kennedy Shriver National Institute of Child Health and Human  
Development

National Institute on Drug Abuse

Application Receipt/Submission Date(s): Multiple dates, see  
announcement.

<http://grants.nih.gov/grants/guide/pa-files/PA-09-137.html>

\* Promoting Careers in Aging and Health Disparities Research (K01)

(PAR-09-136)

National Institute on Aging

Application Receipt/Submission Date(s): Multiple dates, see  
announcement.

<http://grants.nih.gov/grants/guide/pa-files/PAR-09-136.html>