

BSD Postdoctoral Association Bulletin

September 16th, 2009

Bulletin Summary:

- 1. BSD PDA Seminar this Friday**
 - 2. Mouse Models of Neurological and Psychiatric Disorders Symposium (9/30)**
 - 3. Job Posting: Cancer Geneticist at Pfizer**
 - 4. Job Posting: Postdoc in Pharmacogenomics at UChicago**
 - 5. Job Posting: Assistant Professor at Mass General**
 - 6. Job Posting: Consulting Analyst**
 - 7. NIH Funding Opportunities and Notices**
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1. BSD PDA Seminar Series Presents:

“How Online and Open Access Shapes Attention in Science”

Dr. James Evans
Assistant Professor, Sociology
The University of Chicago

Friday, September 18
4:00pm
Biological Sciences Learning Center- 205

All BSD Postdocs, Staff and Students Welcome!

Hosted by the BSD Office of Graduate and Postdoctoral Affairs

Food and Refreshments Sponsored by: Takeda

BSD Postdoctoral Association

<http://www.bsdpostdoc.uchicago.edu>

Contact: Kolbrun Kristjansdottir, kolla@uchicago.edu

2. Mouse Models of Neurological and Psychiatric Disorders Symposium (9/30)

The University of Chicago J P Kennedy Intellectual and Developmental Disabilities Research Center

MOUSE MODELS OF NEUROLOGICAL AND PSYCHIATRIC DISORDERS:
From Behavioral Analysis to Neurobiological Mechanisms

Wednesday, September 30, 2009

4:00 pm - 6:00 pm

Biological Sciences Learning Center

924 East 57th Street

BSLC 205

Questions? Contact:

Jeanne Corey

Phone: 773-702-4722

E-mail: jccorey@uchicago.edu

3. Job Posting: Cancer Geneticist at Pfizer

Apply a wide variety of -omics assay technologies to establish molecular characteristics of cancer tissues and cells under different conditions. Utilize these molecular characteristics to gain mechanistic insight leading to new targets and mechanisms for cancer therapy, new biomarkers for patient selection and response, and validation of targets. This position emphasizes cancer genetics expertise, but will integrate data from other omics approaches.

Primary Duties:

- Apply cancer genetic approaches within Target ID & Val group
- Acquire appropriate cancer cell and tissue samples, prep or generate

extracts for analysis. This will include culturing various cancer cell lines under different treatment conditions, acquisition of tumor biopsies and in vivo models tissues via partnerships, LCM of samples to further dissect, prep of tissues/cells for in situ analyses

- Develop, validate, and apply various -omics assays, including genomic mutational analysis, genomic epigenetic analysis, transcriptional profiling, proteomics, phospho-proteomics, IHC, ISH. Partner with internal and external experts to support these activities
- Partnering with collaborators and computational biologists, mine internal and external databases to extract and integrate available, relevant -omics data
- Establish basal molecular profiles, then measure and evaluate changes in molecular profiles when cancer cells/tissues are perturbed/modulated by different stimuli, compound treatment, RNAi knock-down, combination treatments, and acquisition of resistance
- Partnering with computational biologists, conduct complex data analysis to decipher mechanism of action of perturbation/modulation leading to the generation of hypotheses for new targets and mechanisms for cancer therapy, integration of data from multiple approaches to generate target hypotheses
- Manage external Omics collaborations
- Contribute to strategy and tactics for Target ID & Val within Disease specialty group, and ensure technical interface across disease specialty groups
- Contribute to building a culture that embraces continuous learning and improvement, increasing technical skill base and disease biology expertise; take a proactive role in personal growth and scientific development

Qualifications:

Training & Education Preferred:

- PhD or MD/PhD in Cell Biology, Molecular Biology, Biochemistry (or a comparable biological science) with a cancer-related focus
- Deep knowledge of targets and pathways of importance to tumorigenesis and progression
- Expert in tissue and cell analysis, DNA and RNA assay technologies, protein immunoassay technologies
- Expert with data capture/analysis of large datasets
- Demonstrated proficiency in the use of software tools to support data analysis tasks (e.g., SIGHTS, Spotfire, protocol development and registration).
- Have a good understanding of the future of the cancer field in general

Prior Experience Preferred:

- At least 5 years experience working primarily on cancer biology, preferably

in one or more of the tumor types covered in this Disease Specialty group

- At least 5 years experience (post degree) in industry or academic lab focused on –omics technologies
- Extensive expertise in cancer genetics and epigenetics
- Demonstrated ability to supervise direct reports
- Hands on, extensive experience with at least one of the –omics technologies mentioned above, with clear conceptual understanding of additional –omics technologies
- Able to work in a team environment; good communication skills; able to present data at project team meetings
- Ideally, the candidate will have demonstrated skills and success in networking and identifying and managing partnerships/collaborations

Pfizer is committed to equal opportunity in the terms and conditions of employment for all employees and job applicants without regard to race, color, religion, sex, sexual orientation, age, gender identity or gender expression, national origin, disability or veteran status.

HOW TO APPLY: Please copy and paste the following URL into your browser address bar:

<http://posttrak.arbita.net/cgi-bin/PostTrak.cgi?RefCode=R9196125807654>

4. Post-doctoral positions available in Pharmacogenomics

Qualified applicants must hold a PhD in an appropriate field (e.g., Molecular Biology, Statistical Genetics, Human Genetics, Genomics) or related fields with less than 3 years postdoctoral training. One position requires experience with applying computational approaches to analyze high-throughput and large-scale datasets including DNA sequences (e.g., next-generation sequencing platforms), whole genome gene expression, or other genotypic data. The post-doctoral fellow will have a strong interest in: GWAS, gene expression analysis or miRNA analysis to identify drug response-correlated genetic variants/genes, the effects of copy number variants on drug response, the effects of gene-gene and gene-environment interactions on drug response and/or the relationship between epigenetic changes and drug response. The second position is for an individual with molecular biology experience to perform functional studies. This individual should have molecular biology experience particularly with miRNA, siRNA, real-time PCR, promoter assays and/or site-directed mutagenesis.

The position will be in Dr. M. Eileen Dolan's laboratory and part of

PAAR (www.pharmacogenetics.org). Please send CV to Shannon Delaney (sdelaney@medicine.bsd.uchicago.edu).

The University of Chicago offers equal opportunities in employment to all employees and job seekers. No person shall be discriminated against regarding employment because of age, ancestry, color, disability, gender identity, marital status, national origin, parental status, race, religion, sex, sexual orientation, source of income, or veteran status. This policy includes the commitment to maintaining a work environment free from unlawful harassment. The University of Chicago is an Affirmative Action/Equal Opportunity employer.

5. Job Posting: Assistant Professor at Mass General

Assistant Professor
Massachusetts General Hospital Cancer Center and Harvard Medical School

The Massachusetts General Hospital Cancer Center is seeking applications for a tenure track faculty position at the level of Assistant Professor. We seek outstanding individuals who wish to establish a strong cancer research program with interests including, but not limited to, cancer biology, cancer genetics, genetic model organisms, signal transduction, and cell cycle checkpoints. Candidates must hold a Ph.D. and/or M.D. degree (or equivalent), have postdoctoral experience and a strong record of accomplishment in research. Applications from women and minority candidates are strongly encouraged.

Candidates should submit a curriculum vitae including a full list of publications and a brief statement of research and teaching interests to the address below. Four letters of reference should be mailed directly to the Search Committee.

Search Committee
c/o Carol Ann Hannan
MGH Cancer Center
13th Street, Building 149, Room 7204
Charlestown, MA 02129

Complete applications including four letters of reference must be received by October 15, 2009.

Massachusetts General Hospital and Harvard University uphold a commitment to affirmative action and equal opportunity.

6. Job Posting: Consulting Analyst

Lake Partners offers high-end strategy consulting without the high-end attitude.

We stripped away the buzzwords and frameworks and found that strategy consulting is about getting the right answer quickly.

JOB OPPORTUNITY: Full-time, Analyst position for a boutique strategy consulting firm located in downtown Seattle. We look for sharp, analytical problem solvers. Everything else, we can teach. We look for people with intellectual stamina and curiosity, not a particular focus or major.

HOW TO APPLY

Submit your resume and cover letter to us at:

www.lakepartners.com/careers.

****We will be conducting interviews in the Chicago area October 10-11.****

7. NIH Funding Opportunities

Notices

IACUC 101 and 201 PLUS Workshops: October 7-8, 2009 in Chicago, IL (NOT-OD-09-148) National Institutes of Health <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-148.html>

Notice of Intent to Publish a Request for Applications for 2010 NIDA Translational Avant-garde Award for Medication Development for Diseases of Addiction (DP1) (NOT-DA-09-014) National Institute on Drug Abuse <http://grants.nih.gov/grants/guide/notice-files/NOT-DA-09-014.html>

NHLBI anticipates issuing a new Funding Opportunity Announcement to solicit applications for Programs to Increase Diversity Among Individuals Engaged in Research (PRIDE) (NOT-HL-09-126) National

Heart, Lung, and Blood

Institute <http://grants.nih.gov/grants/guide/notice-files/NOT-HL-09-126.html>

NHLBI Anticipates Issuing a New Funding Opportunity Announcement to Solicit Applications for Basic Research in Cellular and Molecular Mechanisms of Arterial Stiffening and the Relationship to the Development of Hypertension (NOT-HL-09-130) National Heart, Lung, and Blood Institute <http://grants.nih.gov/grants/guide/notice-files/NOT-HL-09-130.html>

Correction to Required Components for the 2010 NIH Directors Pioneer Award Program (DP1); RFA-RM-09-010 (NOT-RM-09-018) NIH Roadmap Initiatives <http://grants.nih.gov/grants/guide/notice-files/NOT-RM-09-018.html>

Correction to Required Components for the 2010 NIH Directors New Innovator Award Program (DP2); RFA-RM-09-011 (NOT-RM-09-019) NIH Roadmap Initiatives <http://grants.nih.gov/grants/guide/notice-files/NOT-RM-09-019.html>