

**BSD Postdoctoral Association Weekly Bulletin**  
*May 27th, 2009*

**Bulletin Summary:**

- 1. Postdoc Association Seminar and Networking Reception on Biotech Careers- 5/29**
- 2. Are you on Twitter?**
- 3. Job Posting: Oncology Research Scientist**
- 4. Dreyfus Postdoctoral Award in Environmental Chemistry**
- 5. Job Posting: Industry Scientist**
- 6. Weekly NIH Funding Opportunities and Notices**

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**1. Postdoc Association Seminar and Networking Reception- May 29th**

“The ABCs of Biotech Careers: Academic Alternatives, Biotechnology Options, and Corporate Science”

Linda Zuckerman  
Vice President, PreClinical Development  
ProFibrix Inc.

4pm  
Friday, May 29, 2009  
Biological Sciences Learning Center Rm 240  
924 East 57th Street

\*\* We will follow Dr. Zuckerman's talk with a networking reception, so please take advantage of this opportunity to greet one of our alums and learn a bit about career paths for PhDs outside academics (wine and light hors d'oeuvres provided).\*\*

Dr. Zuckerman received her Ph.D. in immunology from the University of Chicago. She then spent 4 years as a post-doctoral fellow at the University of California-San Francisco studying T cell development prior to joining Genentech, Inc in 2000. At Genentech, she was a scientist in the BioAnalytical Methods Development Group where she worked on a variety of assays for the Raptiva™ Program. She then joined ZymoGenetics in Seattle, where she was a Director in the PreClinical Development Group and head of both the BioAnalytical Research and

Development Group and the Mechanistic Pharmacology Group until 2007. She then joined the ZymoGenetics' Program and Project Management Dept in early 2007 as a Director overseeing all Lead Development Candidate programs before joining ProFibrix Inc in October 2008, as a VP of PreClinical Development.

Co-hosted by the BSD PDA and the Biotech Association

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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## 2. Are you on Twitter?

So are we! For updates from the BSD Postdoc Association, go to <http://twitter.com/bsdpostdoc> and follow our Twitter feed.

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## 3. Job Posting: Oncology Research Scientist

Oncology Research Scientist

Location: Chicago, IL

### Job Description

A career at Quintiles Transnational Corp. puts you at the center of the leading worldwide pharmaceutical services organization. If you want to work for a global, fast-paced organization dedicated to improving the development and marketing of medicines, Quintiles is the place for you. We are looking for an Oncology Research Scientist to work out of our Westmont, IL location. Quintiles Transnational Corp. helps improve healthcare worldwide by providing a broad range of professional services, information and partnering solutions to the pharmaceutical, biotechnology and healthcare industries. Headquartered near Research Triangle Park, North Carolina, USA, Quintiles was founded in 1982 and has more than 21,000 employees and offices in over 60 countries.

## PURPOSE

Mid-level research scientist with proven independent performance as a basic research scientist in cancer drug discovery. Displays a record of accomplishments in research and demonstrated effectiveness as a team member on discovery or development projects. Works independently to attain program and departmental objectives, displaying expertise and in-depth knowledge of cancer therapeutic research.

## RESPONSIBILITIES

- \* Proposes, plans, schedules and executes drug discovery projects encompassing a variety of therapeutic areas with strong emphasis in cancer biology. Fully designs and conducts complex experiments with minimal supervision utilizing current concepts and recognized standard techniques, developing new protocols as necessary. Demonstrates advanced level of problem solving and troubleshooting. Contributes to the success of discovery programs, not simply by performing routine assays and procedures, but through the advancement of scientific knowledge in the field.

- \* Gathers and records laboratory observations and data in lab notebooks and documents experimental design and changes to protocol. Analyzes data, performs calculations and draws final conclusions regarding experiment results.

- \* Quickly learns and accurately performs new procedures involving a range of technologies including Western Blot, RT-PCR for gene expression, cell migration/invasion assays and cell cycle analysis by flow cytometry. Experience in microarray transcriptome analysis using pathway analysis software (e.g. Ingenuity Pathway Analysis) a plus. Maintains a familiarity with current and emerging technologies through reading and understanding scientific and technical literature providing significant value to achieving programmatic goals.

- \* Demonstrates scientific curiosity through reading and talking with colleagues and displays particular insight, as proven by design, implementation, and interpretation of experimental results. Actively applies knowledge toward achieving a broad understanding of therapeutic area and its impact on drug discovery

- \* Summarizes results of multidisciplinary research groups and presents at lab, group and related section meetings and writes reports for internal communications. Demonstrates continued productivity as measured by scientific milestones such as authoring patents and /or publications for peer review journals. Presents original research at internal seminars and external scientific meetings, and serves as active member of a

professional society. Publications and professional activities have internal and external impact, generate recognition of expertise in a scientific field and enhance the reputation of the organization.

\* Proven ability to train scientific staff in laboratory techniques. Takes an active role as a team member in discovery and/or development of projects, serves as a mentor and resource to other team members, and may serve as team leader.

## Job Requirements

\* Ph.D with a minimum of 3–5 years experience; or equivalent combination of education, training and experience

\* Typical relevant degree disciplines include Molecular Biology, Cancer Biology, Molecular Medicine and Pharmacology

\* Must understand principles of advanced lab techniques and is able to teach and supervise others in applying these to assignments

\* Extensive knowledge of cancer biology and signal transduction

\* Ability to present complex scientific issues in clearly understood terms to scientific and non-scientific audiences

\* Experience in pre-clinical drug discovery approaches including treatments with small molecular inhibitors, therapeutic antibodies and/or cytotoxics a must.

\* Evaluation of synergistic drug combination therapies through mathematical models (e.g. isobolograms) preferred

\* Ability to establish and maintain effective working relationships with coworkers, managers and customers

Strong interpersonal and problem solving skills.

<http://www.quintiles.com/>

[http://www.careerbuilder.com/JobSeeker/Jobs/JobDetails.aspx?Job\\_DID=J3G4FN642BMM5VNDS36&siteid=sendpage](http://www.careerbuilder.com/JobSeeker/Jobs/JobDetails.aspx?Job_DID=J3G4FN642BMM5VNDS36&siteid=sendpage)

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## **4. Dreyfus Postdoctoral Award in Environmental Chemistry**

Dreyfus Post-Doctoral Award in  
Environmental Chemistry

\$120,000 over 2 years

\* Areas of research include: the climate, the atmosphere, aquatic or marine settings, toxicology, soil or groundwater, chemistry-related energy research (renewable sources, sequestration, etc.), and new or green approaches to chemical synthesis and processing, with a clearly stated relation to the environment.

\* Applicant need not have a PhD in Chemistry or Environmental Engineering to be eligible

\* Applications must come from PI's

Applicants interested in this opportunity must submit a brief proposal to me at hlawrenc@bsd.uchicago.edu for internal review by Monday, June 8th at 3:00 P.M.

Your proposal must include:

▷ One Page BioSketch

▷ A brief 1 paragraph summary description of your research (no more than 400 words)

Only one candidate will be selected for consideration in the University-wide competition.

Please see the Dreyfus Foundation website for more information:

[http://www.dreyfus.org/awards/postdoctoral\\_program.shtml](http://www.dreyfus.org/awards/postdoctoral_program.shtml)

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## **5. Job Posting: Industry Scientist**

Job Role: Cancer Research/Oncology, Biology, Genetics

Sector: Industry

Location: MD – Maryland

Company: SAIC Frederick Inc.

SAIC–Frederick, Inc.’s Laboratory Animal Sciences Program (LASP) provides the highest quality animal care and technical support services for animal research performed at the National Cancer Institute (NCI). The LASP contributes to improving human health, developing new treatments, and improving existing treatments for cancer and other diseases while ensuring safe and humane treatment of animals. You will have a significant scientific role in the Research & Development team of the recently established Center for Advanced Preclinical Research (CAPR) to provide essential hands–on research in the field of generation of genetically engineered mouse (GEM) models cancer. You will design and conduct experiments aimed to derive, validate and characterize transgenic and gene–targeted mouse models of cancer and help oversee projects of other team members. Will provide experimental guidance to research assistants, postdoctoral fellows, and rotation students. Will be expected to independently analyze the current sources of information related to different types of cancer and contribute to the selection of additional mouse models resembling the human disease and applicable for preclinical cancer drug evaluation.

Doctoral degree from an accredited college or university in biology, pharmacology, Genetics or related discipline, or eight (8) years related experience in lieu of degree required. Foreign educated candidates who have completed part or all of their education outside of the United States must have their foreign education evaluated by an SAIC–approved accrediting organization to assure that it has met the equivalency of the qualifications of degree work in the United States. In addition to educational requirements, candidates should have had two or more years of competent, innovative research experience beyond doctoral training in a related field of specialty.

Required skills include: solid knowledge in the generation (e.g. DNA manipulation by cloning and/or recombineering), validation (establishment of primary cell cultures, cell–based assays, viral–assisted gene delivery, RNA and protein expression, immunofluorescence and/or immunohistochemistry, etc.) and characterization of genetically engineered mouse models. Excellent oral and written communication skills and capability to multi–task and work in a fast–paced environment

are required. This position is subject to obtaining a Public Trust ClearanceExcellent compensation package accompanies our position.

For immediate consideration, please apply online:

<http://www.saic-frederick.com/>  
position #147798

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

### Notices

\* Final Opportunity to Attend a 2009 NIH Regional Seminar on Program Funding & Grants Administration: Register now for Las Vegas, NV Thursday, June 25 & Friday, June 26, 2009  
(NOT-OD-09-102)  
National Institutes of Health  
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-102.html>

\* Extension of the Expiration Date for PA-07-253, Structural Biology of Membrane Proteins (R01)  
(NOT-GM-09-020)  
National Institute of General Medical Sciences  
<http://grants.nih.gov/grants/guide/notice-files/NOT-GM-09-020.html>

\* Notice of Change in the Receipt Date for PAR-07-456, NINDS Diversity Research Education Grants in Neuroscience (R25)  
(NOT-NS-09-012)  
National Institute of Neurological Disorders and Stroke  
<http://grants.nih.gov/grants/guide/notice-files/NOT-NS-09-012.html>

### Requests for Applications

\* Collaborative Minority Alcohol Research Center Development (U54)  
(RFA-AA-10-001)  
National Institute on Alcohol Abuse and Alcoholism  
Application Receipt Date(s): October 21, 2009  
<http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-10-001.html>

\* Basic HIV Vaccine Discovery Research (R01)  
(RFA-AI-09-024)  
National Institute of Allergy and Infectious Diseases  
Application Receipt Date(s): November 09, 2009  
<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-09-024.html>

\* Minor Use Minor Species Development of Drugs; Research Project Grant (R01)  
(RFA-FD-09-008)  
Food and Drug Administration  
Application Receipt Date(s): July 01, 2009  
<http://grants.nih.gov/grants/guide/rfa-files/RFA-FD-09-008.html>

#### Program Announcements

\* Technology Development for the Detection and Evaluation of Chemical and Biological Carcinogens (SBIR) [R43/R44]  
(PA-09-187)  
National Cancer Institute  
Application Receipt/Submission Date(s): Multiple dates, see announcement.  
<http://grants.nih.gov/grants/guide/pa-files/PA-09-187.html>

\* Technologies and Software to Support Integrative Cancer Biology Research (SBIR) [R43/R44]  
(PA-09-188)  
National Cancer Institute  
Application Receipt/Submission Date(s): Multiple dates, see announcement.  
<http://grants.nih.gov/grants/guide/pa-files/PA-09-188.html>

\* Technology for the Detection and Characterization of Low Abundance Proteins, Peptides, or micro RNAs (SBIR) [R43/R44]  
(PA-09-189)  
National Cancer Institute  
Application Receipt/Submission Date(s): Multiple dates, see announcement.  
<http://grants.nih.gov/grants/guide/pa-files/PA-09-189.html>