



FLORIDA STATE UNIVERSITY
OFFICE OF POSTDOCTORAL AFFAIRS
WEEKLY DIGEST

October 9, 2019

**BIOLOGICAL SCIENCE/NEUROSCIENCE POSTDOCTORAL MENTORING WORKSHOP
& LUNCH**

KIN Life Science Building, room 2057, 12:00 – 1:00 PM, Typically the Second Monday

The theme for fall 2019/spring 2020 is '*Industry, Government and Non-profit jobs for Biologists*'

Our 2019-2020 Bio/Neuro Postdoc Workshop and Lunch series starts next week and the theme for this year is 'Industry, Government and Non-profit jobs for Biologists'.

Please mark your calendars for the fall 2019/Spring 2020 postdoc workshops. This is a special, faculty-led monthly workshop for Postdoctoral Scholars hosted by the Department of Biological Science and the Program in Neuroscience. Although the career focus will be directed to the Life Sciences, all Postdoctoral Scholars and senior Graduate Students are welcome. Sandwiches will be served over the lunch hour during the workshops. Dates, presenters and topics are listed below. For questions, please contact Dr. [Kay Jones](#). No registration required.

Date	Presenter	Title
Mon. Oct. 14	Dr. Brittany Sexton, Development Scientist at New England Biolabs	Demystifying the transition between academia and industry
Tues. Nov. 12	Dr. Hengli Tang, Professor, FSU Department of Biological Science and Co-founder and Consultant, BioFront Technologies	TBA
Mon. Dec. 9	Dr. Lisa Chadwick, NIH Program Director, Center for Mendelian Genetics, National Human Genome Research Institute NHGRI Extramural Research Program	TBA
Mon. Jan. 13	TBA	TBA
Mon. Feb. 10	TBA	TBA
Mon. March 9		Oral Presentation Day
Mon. April 13	TBA	

ACCOMPLISHMENTS – ACHIEVEMENTS – RESEARCH

Postdocs, would you like help to disseminate your research, service, and mentoring achievements to a broader audience via the [@FSU Postdocs](#) Twitter account? If you have exciting new findings, just been published, received a grant or award, got hired for a new position, or have other



accomplishments you would like to share for yourself or your mentees, please share them with us.

Just send the content to be tweeted to Biological Science postdoc Matt Holding at mlholding@fsu.edu and it will be shared on [@FSU Postdocs](https://twitter.com/FSUPostdocs). Use the following guidelines to prepare your content:

Send links to papers or websites, photos of the activity, or other material that isn't just text. Tweets get more traction if they contain content other than text alone.

Provide less than 280 characters of text for the tweet describing the activity. Include Twitter handles for your colleagues/collaborators where appropriate, if you know them, and any #hashtags to which the tweet can link. We can also retweet content you put out on our own Twitter account if you drop us a line with your Twitter handle and the specific tweet we

should retweet.

CANCER CONTROL RESEARCH TRAINING PROGRAM

The University of Rochester Medical Center Cancer Control & Psychoneuroimmunology Laboratory is actively seeking outstanding candidates for their upcoming group of Fellows for 2019. The applicants should be interested in longitudinal studies and clinical trials on translational (e.g. biomarker) symptom science research and/or cancer-related cognitive impairment research to work closely with Dr. Michelle Janelsins (Associate Professor) and her research team. Candidates they are interested in come from a variety of backgrounds including, but not limited to, neuroscience, cognitive science, clinical psychology, epidemiology, clinical trials, applied sciences, and many more.

For more information, and to apply, please click [here](#).

Materials can be sent directly to Dr. [Michelle Janelsins](#) or Dr. [Gary Morrow](#) (Program Director)

FELLOWSHIPS

[Mathematical Sciences Postdoctoral Research Fellowships \(MSPRF\)](#)

Deadline: October 16, 2019

[SBE Postdoctoral Research Fellowships \(SPRF\)](#)

Deadline: November 1, 2019

[Postdoctoral Research Fellowships in Biology \(PRFB\)](#)

Deadline: November 19, 2019

[The NCI Predoctoral to Postdoctoral Fellow Transition Award \(F99/K00\) NIH](#)

Application Deadline: December 4, 2019

[Postdoc Research Funding Opportunities in Germany](#)

Application deadlines vary

[Index of Postdoc Fellowships in the Life Sciences \(Broad Institute\)](#)

[EPA Research Grants](#)

[EMBO Life Sciences – Short/Long Term Fellowships](#)

JOBS

Below is a sampling of open positions in the United States –

Postdoctoral Positions Available -

FSU Program in Neuroscience Postdoctoral Research Position. A postdoctoral research position is open and available in the lab of Dr. Alan Spector, Department of Psychology and Neuroscience. For more information, or if interested in applying, please click [here](#) for complete information, or contact Dr. Alan Spector at: spector@psy.fsu.edu.

Looking for motivated Postdocs to research mechanisms involved in regulated remodeling of muscle T-tubule membranes in fly models of human myopathy *with funding for immediate start date!*

For more information, please click [here](#) to view flyer. Please contact Dr. Amy Kiger, Section of Cell & Development Biology University of California San Diego at akiger@ucsd.edu.

POSTDOCTORAL AND RESEARCH SCIENTIST POSITIONS

The Kaczorowski Lab at The Jackson Laboratory is seeking Postdoctoral and Research Scientist Level personnel to investigate mechanisms underlying susceptibility and resilience to normal aging and Alzheimer's disease (<https://www.neuro-central.com/2018/09/19/risk-resilience-understanding-role-genetics-alzheimers-disease/>). Dr. Kaczorowski is an Associate Professor and the Evnin Family Endowed Chair in Alzheimer's Research at the Jackson Laboratory – a research institution specializing in genetics and genomics in order to discover solutions for disease. Projects leverage new translational mouse models, electrophysiology, circuit mapping and genome engineering to decipher how genetic and environmental factors interact to influence learning and memory abilities, cognitive aging, neurodegeneration, and Alzheimer's. Sources of support include NIH, Bright Focus, and The Glenn Foundation for Medical Research, as well as generous philanthropy awards in support of research and innovation in areas of normal aging and Alzheimer's disease.

Exceptional candidates will have the opportunity to apply for the prestigious JAX Scholar award, which supports promising early-career postdoctoral associates conducting cutting edge biomedical and basic biological research at JAX. The award includes an independent research and travel budget and a salary above our standard postdoctoral scale <https://www.jax.org/education-and-learning/pre-and-postdoctoral-program/jax-scholars>.

To apply, please submit (1) a cover letter describing past research accomplishments, research interests, and career goals, (2) a current CV, and (3) the contact information of three references to catherine.kaczorowski@jax.org

Assistant Professor – Department of Biology (Job number: 10609)

Tenure-Track position in Developmental Molecular Genetics: As part of an expansion in molecular genetics research, West Virginia University invites applications for a tenure-track position at the Assistant Professor level in the Department of Biology (<http://biology.wvu.edu>) to begin August 2019. We seek an individual who uses molecular and/or functional genomic approaches to explore integrative questions about development in non-mammalian animal model systems. Applicants should have a broad biology background and strong interdisciplinary skills to develop an externally funded independent research program. Applicants should also have an openness to collaborative research and a desire to contribute to the undergraduate and graduate research and teaching missions of the department. Requirements include a PhD or equivalent degree in biology or a related field, a strong record of scholarly publications, strong post-doctoral experience, excellent written and oral communication skills, and the potential to secure external funding.

WVU, located in Morgantown, is a comprehensive land grant university enrolling about 30,000 students in over 100 degree programs. Our Carnegie Classification is “Doctoral Universities: Highest Research Activity.” The Department of Biology at West Virginia University offers a diverse, highly productive and well-funded research environment that is highly supportive of new junior faculty. Existing departmental strengths include molecular genetics, behavioral neurobiology, and genomics.

To apply, please visit <https://careers.wvu.edu>, navigate to the position title listed above, and upload a single PDF file including a cover letter, curriculum vitae with a list of publications, a succinct outline of future research plans, and a one page teaching statement. In addition, arrange for three letters of reference to be sent electronically to WVUBiology@mail.wvu.edu. Review of completed applications will begin on January 21, 2019 and will continue until the position is filled. For more information about the position, contact Kevin C. Daly at kcdaly@mail.wvu.edu. For more information about WVU and the city of Morgantown, WV: <https://biology.wvu.edu/about/jobs/about-morgantown>.

Florida College System seeks to fill a position for Executive Director, Florida Student Success Center.

The Florida Student Success Center (FSSC) serves as an intermediary between colleges, and provides greater opportunities for colleges to collaborate and learn from one another. The Executive Director works under the supervision of the Chancellor of the Florida College System. For more information on the role of the position, qualifications and to apply please, click [here](#).

Florida Conservation Corps - Opportunities

FLCC is recruiting for two exciting project areas.

The mission of the Florida Conservation Corps is to develop natural and cultural resource leaders by connecting them to areas of critical need in conservation, preservation, interpretation and resource based recreation. Click [here](#) to download flyer. For more information about FLCC, please visit their webpage at <https://www.floridastateparks.org/florida-conservation-corps>.

Ph.D. level Protein Scientist needed

QuarryBio (<https://quarrybio.com/>) is an early stage company that is developing a novel, mass spec based approach for *in vitro* measurement of membrane protein binding interactions and structure changes. Our technology will provide a high-throughput alternative to X-ray crystallography and cryo-EM, and can be performed directly on living cells. We are relocating our lab to Tallahassee, and are seeking a Ph.D. level protein scientist to help us finish the development of this new technology and launch commercially.

Essential Skills: Chemical modification of proteins, strong understanding of binding kinetics, sample preparation and LC/MS/MS analysis of proteins (buffer exchange, affinity purification, reduction/alkylation, and proteolysis). Analysis of bottom-up mass spec data analysis with proteomic search engines. Experience with a variety of basic techniques to assess protein integrity, oligomeric/aggregation state and binding interactions. Mammalian cell culture techniques with an emphasis on plasmid construction, transfection, protein expression/purification, and extraction of proteins from cellular membranes. Adherent and suspension cell culture methods. Ability to work in a fast-paced team-oriented environment.

Helpful skills: SDS-PAGE, SPR, DLS, CD, IF, DSC/DSF, and SEC HPLC analysis. Project management and familiarity with programming languages such as python, R, or java. Protein structure visualization with PyMol or equivalent.

Ph.D. level Scientist needed

We are seeking someone with experience in Mammalian cell culture techniques with an emphasis on plasmid construction, transfection, protein expression/purification, and extraction of proteins from cellular membranes, SDS-PAGE, Western blots. Adherent and suspension cell culture methods. Ability to work in a fast-paced team-oriented environment is a must. Project management a plus. Please direct inquiries for either job to eric.graban@quarrybio.com.

Oak Ridge National Laboratory Opportunities

Faculty Opportunities – Summer Research, Sabbatical Research Experiences
<https://orise.ornl.gov/ornl/faculty/default.html>

Postdoctoral Opportunities - <https://jobs.ornl.gov/>

[Assistant Professor – The Arts Department](#)
Hamilton College, Clinton, NY

[Principal Engineer \(Reprocessing, microbiology, sterilization\)](#)

Alcon, Lake Forest, CA

[Assistant Professor – Neuroscience](#) (posting number: FAC00140P019)

University of South Carolina, Columbia, SC

[Principal Engineer or Scientist – Materials Emphasis](#) (Job ID: 6019)

University of North Dakota, Grand Forks, ND

[Assistant Professor – Aerospace Engineering](#) (Requisition number: FE02116)

University of Kentucky, Lexington, KY

[PhD Level Aerospace Research Engineer](#) (Job ID: 190039)

Embry-Riddle, Daytona Beach, FL

[Assistant Professor Positions – Exercise Physiology \(Job ID: 42380\) & Nutrition \(Job ID: 42371\)](#)

FSU College of Human Sciences, Department of Nutrition, Food & Exercise Sciences

[Assistant Professor of Research – Center for Craniofacial Molecular Biology](#)

University of Southern California (USC), Biomedical Sciences

[Assistant Professor – Clinical Occupational Therapy](#)

University of Southern California, Occupational Therapy

[Assistant Professor – Research Emergency Medicine](#)

University of Southern California, Department of Emergency Medicine

[Clinical Assistant Professor – Pediatrics](#)

University of Southern California, Department of Pediatrics

Below is a sampling of open positions around the world -

Canada: [Assistant Clinical Professor – in Pharmacy & Pharmaceutical Science](#)

University of Alberta, Faculty of Pharmacy & Pharmaceutical Sciences

[Tenure Track Assistant Professor – Biomedical or Electrical Engineering](#)

University of Guelph, School of Engineering/Biomedical Engineering

[Assistant Professor – REHAB Occupational Therapy](#)

University of Alberta, Department of Occupational Therapy

[Assistant Professor – Microbial Science & Micro/Nanomaterials](#)

University of Calgary Canada First Research Excellence Fund

[Assistant Professor – Department of Medicine](#)

University of Alberta, Faculty of Medicine & Dentistry

[Assistant Professor – Division of Developmental Pediatrics](#)
University of Alberta, Faculty of Medicine & Dentistry

[Staff Scientist in Hematology Research](#)

Keenan Research Centre for Biomedical Research of St. Michael's Hospital

Japan: [Assistant Professor in the Graduate School of Biomedical & Health Sciences](#)
Hiroshima University, Graduate School of Biomedical & Health Sciences

[Assistant Professor in Medical Education, Pharmacology, Neuroscience](#)
Hiroshima University, Graduate School of Biomedical & Health Sciences

Norway: [Head Engineer at Electron Microscopy Core Facility](#)
University of Oslo, Department of Biosciences (IBV)

Singapore: [Assistant Professor for Bio-Behaviorist](#)
Duke NUS Medical School, Academic Medicine Research Institute

[Assistant Professor – Center for Aging Research & Education](#)
Duke NUS Medical School, Center for Aging Research & Education

South Africa: [Associate Researcher in Clinical Micro Infectious Diseases \(CMID\)](#)
Wits University, School of Pathology, Johannesburg, ZA

Switzerland: [PhD in Biomedical Engineering](#)
University of Basel, Adaptable MRI Technology

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ASBMB - American Society for Biochemistry and Molecular Biology
<http://www.asbmb.org/careers/> (career information)

CAREER DEVELOPMENT WEBINARS AND BLOGS

[Which publications matter at which stages of your career?](#)

It's hard enough to get a tenure-track job now but your odds are even longer with too many of the wrong kinds of publications.

[What do we know about Ph.D. scientists' career paths?](#)

Read an article about a project that sheds some light on this topic, but much remains to be learned.

Webinar | [Emerging liquid biopsy biomarkers: Predicting response and resistance to cancer immunotherapy](#). Wednesday, October 9, 2019, 12 noon Eastern

Webinar | [Engaging citizen scientists: will the walls of the ivory towers come tumbling down?](#) Wednesday, October 16, 2019, 12 noon Eastern

How to Be Proactive in Your Mentoring Relationships – National Postdoctoral Association
<http://www.nationalpostdoc.org/?page=Proactive>

[ASBMB - Postdoctoral Education & Resources](#)

Versatile PhD

This site helps graduate students and new PhD's identify, prepare for, and excel in possible non-academic careers.

[Click here](#) to learn more. [Click here](#) to join

Free NPA Membership

FSU is a sustaining member of the National Postdoctoral Association (NPA). This membership provides free affiliate membership to all FSU postdoctoral scholars. Benefits of joining the NPA include:

- ✓ A subscription to the NPA's official quarterly newsletter
- ✓ Reduced registration fees to the NPA Annual Meeting
- ✓ Eligibility for the NPA Travel Award Program
- ✓ Professional & Leadership Development
- ✓ Networking opportunities with colleagues nationwide

If you are interested in joining the National Postdoctoral Association, [click here](#).

Please email opda-info@fsu.edu if you encounter any problems.

For previous issues, [click here](#)!

