



Message from the John & Donna Krenikci Director of Integrative Neuroscience:

We are very excited to be hosting our first Neuroscience Retreat on May 17th and 18th! We've identified a wonderful location off campus - [The Inn at Harbor Shores](#) in St. Joseph Michigan. We have a number of scientific talks planned, focused on everything from neurological disorders to hearing (the full lineup will be out soon). We are also thrilled to announce a Rising Star Postdoc Talk by Dr. Josh Burda, of the Sofroniew Lab in the Department of Neurobiology at UCLA. We expect breakout sessions to help grow and shape our community, and a seed funding opportunity for those who attend. If you are interested in attending, please register here (first come, first serve basis & other details below) – and let us know if you have any questions or comments. We hope to see you there!



Donna Fekete

Where: The Inn at Harbor Shores (St. Joseph, Michigan)

When: May 17th & 18th

(We will depart campus at 10:00 AM on May 17th and return at 3:00 PM on May 18th)

Please register [here](#)!

There is a \$25.00 registration fee required at sign-up. A \$25 fee will be refunded for each speaker and each poster. PIIN will pay for one PI and one of their lab members. A \$150 fee will be charged for each additional lab member who wishes to attend. This will be billed later in a consultation with the PI.

Transportation will be provided.

Featured Faculty Member: Kimberly Kinzig

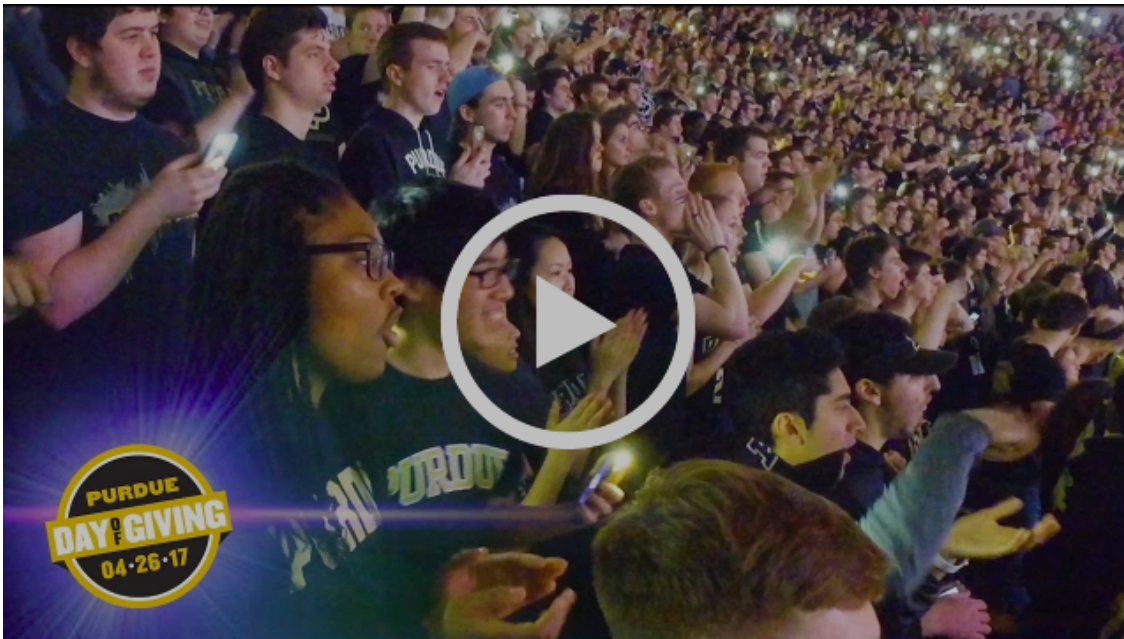
Kimberly Kinzig received her Ph.D. in neuroscience from the University of Cincinnati in 2002, followed by a postdoctoral fellowship at Johns Hopkins University in the Department of Psychiatry and Behavioral Sciences. She is currently an associate professor of Psychological Sciences. Her research program is aimed at understanding the roles of various neuroendocrine signaling pathways in the controls of food intake and body weight and how these systems go awry in obesity and eating disorders.

Research in the Kinzig laboratory has largely focused on the neuroendocrinology of obesity and eating disorders, with an emphasis on the relationship between feeding related neuroendocrine systems, stress, and anxiety. Specific projects focus on (1) how specific dietary macronutrients influence hunger and satiety signals in the brain and gut, (2) dietary influence on the integrity of the blood-brain barrier and neuroinflammation, (3) dietary influence on learning and memory, and (4) an animal model of anorexia nervosa to elucidate relationships between experiencing anorexia nervosa in adolescence, ovarian hormones, and chronic anxiety. For more information, please visit her [website](#).



Dr. Claudio Aguilar presented with 2016 Sigma Xi Midcareer Research Award

Congratulations to Dr. Claudio Aguilar who was awarded the 2017 Midcareer Research Award from Sigma Xi, The Scientific Research Honor Society. Dr. Aguilar was recognized for his outstanding research contributions towards understanding fundamental mechanisms underlying and coordinating vesicle trafficking (with a particular emphasis on endocytosis) and intracellular signaling. Dr. Aguilar's research has not only revealed key molecular pathways involved in these intracellular processes, but his studies have also provided new therapeutic strategies for treating a number of disease states including bladder cancer and Lowe Syndrome, a devastating genetic disease that leads to early death of affected children due to kidney failure.



Purdue Day of Giving!

We're just a week away from the most important day of the year: [#PurdueDayofGiving!](#)

Funds can be earmarked for PIIN!

CTIS Core Facility Pilot Funds Available:

Purdue MRI Facility (former, current, and possible) users and other CTSI Designated Core users: Indiana Clinical and Translational Sciences Institute (IndianaCTSI) pilot funding (up to \$10,000 to pay for scanner time) for conducting research at CTSI Core Facilities is available again.

The Purdue MRI Facility is one such CTSI core facility, and the Purdue MRI Facility now includes the Life Science MRI Facility (Siemens 3T), Small Animal MRI Facility (Bruker 7T) and Engineering MRI Facility (GE 3T, the new one on campus next to Siemens 3T).

The spring submission grant proposal deadline is Monday, April 24th, 5 PM EDT.

Here's the link to their page that includes the description, documents, contact info, etc.:

<https://legacy.indianactsi.org/grant/266>

Neuroscience & Physiology Seminar, Department of Biological Sciences

Dr. Laura Anne Lowery
Department of Biology, Boston College

“Regulation of microtubule dynamics by TACC proteins during growth cone guidance and cell migration”

Tuesday, April 25, 2017 1:30 PM
Lilly, 1-117

Grant Writing Workshop

The Integrative Neuroscience Center will offer a summer course aimed at assisting graduate students and post-doctoral fellows in the preparation of applications to the NIH for NRSA Individual Predoctoral or Postdoctoral Fellowships. Classes (organized by Dr. Chris Rochet) will be held once a week, 2 hours per week over a 5-week period spanning May 15 through June 12, and will consist of lecture-format presentations and intensive group discussions of written materials prepared by class participants.

The class schedule will be as follows:

Week 1: Discussion of best practices for developing NIH fellowship proposals using strategies such as those highlighted in various grant writing workshops.

Weeks 2-3: Critique of Specific Aims section prepared by class participants

Week 4: Critique of Significance and Innovation sections prepared by class participants

Weeks 5: Critique of Approach section prepared by class participants

SFN News

New tools, technologies, career trajectories, and more are leading to a re-examination of what will best prepare trainees to launch successful neuroscience careers. Sign up for SfN's [Developing a 21st Century Neuroscience Workforce](#) webcast on May 11 at 2:00 p.m. EDT* to learn about emerging strategies.

Specifically, you'll [hear](#) what's needed for and successful examples of:

- Promoting transdisciplinary collaborative science
- Offering strong professional development
- Training on computational and quantitative skills
- Enhancing diversity in the neuroscience workforce

Speakers Huda Akil, Elisabeth Van Bockstaele, Katja Brose, and Adrienne Fairhall will explore these topics in a panel discussion and will answer your questions after.

[Register Now!](#)

Edmond J. Safra Core Program for PD Research - Target Advancement Program - Target Validation Awards

<https://www.michaeljfox.org/research/grant-detail.php?id=27>

Amount - Upper \$100,000 / Lower \$100,000

Target Validation Awards support one-year grants up to \$100,000 total costs inclusive of both direct and indirect costs. No more than 10% of the direct costs may go to indirect costs.

Preliminary Proposal: May 18, 2017 (anticipated)

Full Proposal: August 5, 2017 (anticipated)

Preliminary Proposal: October 19, 2017 (anticipated)

Full Proposal: January 25, 2018 (anticipated)

ALZHEIMER'S Alzheimer's Drug Discovery Foundation (ADDF) - Request for Proposal: Prevention Beyond the Pipeline

<http://www.alzdiscovery.org/research-and-grants/funding-opportunities/prevention-beyond-the-pipeline>

Amount: The average award varies, as follows:

- Epidemiological analyses: \$50,000-\$100,000
- Preclinical research: \$150,000-\$600,000
- Clinical trials: up to \$1.5 million

Duration: The average award duration is 1-2 years. The ADDF typically supports one to two years of research at a time, with potential for future follow-on funding. In some cases, multi-year proposals are considered.

Deadlines:

Letter of Intent: May 19, 2017 - (A second round will open and accept letters August 18, 2017)

Full Proposal: June 9, 2017 - (Round 2: September 8, 2017)

The ADDF seeks to support prevention drug discovery not covered by most research funders or their current RFPs.

Ingenuity Pathway Analysis (IPA) Training, May 9th at Purdue

IPA is coming to campus on May 9th for training sessions in case you all have anyone in your lab/group interested in attending. Information and details on how to register are below and attached. Please also share with anyone that may be interested. Thanks, Jennifer

Please join us Tuesday, May 9th from 9am-noon, for a hands-on training workshop on Ingenuity Pathway Analysis (IPA) software. This hands-on training session will mainly focus on biological interpretation of expression data (including RNA-seq).

When: Tuesday, May 9th, 9am-noon

Where: Purdue University, LILY G401

Instructor: Jeffrey Knight, Field Application Scientist, QIAGEN

1:1 sessions available by appointment from 1:00-4:00pm.

Please register by emailing carrie.weston@qiagen.com.

*Please specify if you are registering for new user training, 1:1 session, or both

Bring your laptop!

The Michael J. Fox Foundation

The Michael J. Fox Foundation is accepting pre-proposals for Fall 2017 Parkinson's research funding.

We fund research in both academic and industry settings and are currently accepting pre-proposals for two targeted grant opportunities.

Inflammation Biomarkers for Parkinson's Disease: develop new or improved biomarker tools for neuroinflammation or peripheral inflammation in Parkinson's disease

Computational Tools for PD Therapeutic Development: apply technologies in biomedical computing, informatics and computational science for analysis of existing Parkinson's disease datasets

Deadline for pre-proposal submission is Wednesday, May 31st. Download applications templates through our [website](#). Sign up for an [informational webinar](#) on Wednesday, May 3rd to learn more about our funding strategy, currently available funding opportunities, and the grant application review process.

Foundation Grant Opportunity

American Society of Neuroradiology (ASNR)
The Foundation of the ASNR
Amount **\$250,000 USD**

The ASNR anticipates funding multiple awards under this program. Applicants may request up to two years and \$250,000 in total costs, inclusive of both direct and indirect costs. Exceptions for particularly unique projects will be considered, but requests that exceed \$100,000 must be well justified in the Budget Justification section of the application. Budgets that exceed \$100,000 require pre-approval by the Chairs of the Research committee prior to submission. Indirect costs may not exceed 10 percent of direct costs. For additional information please visit: <http://www.theaftd.org/research/funding-opportunities>

Share Your Science at Neuroscience 2017

In one week, abstract submission opens for [Neuroscience 2017](#). Don't miss the chance to share your research at the world's leading neuroscience conference, and connect with more than 30,000 peers from around the globe.

Abstract submission will be open from April 13 to May 4 at 5 p.m. EDT.

Prepare now to beat the rush with this checklist:

- Review the rules for [scientific abstract](#) and [nonscientific abstract](#) submission. Members are allowed to submit one scientific abstract and one Theme J (History and Education) abstract.
- Review the [Themes and Topics list](#). This list helps submitters to self-categorize their abstracts.
- Review the [abstract submission instructions](#) before preparing your abstract.

- Use the [Abstract Topic Matching Forum](#) on Neuronline to collaborate with peers with similar interests and propose a self-assembled [poster session](#) or [nanosymposium](#).

We encourage you to share this message with your students and colleagues so that they too can partake in this educational experience. Remind them to activate their membership now in order to expedite the submission process.

Questions? Contact us at program@sfn.org or check our [abstract FAQ page](#) for answers to frequently asked questions.

Funding Opportunities

Opportunity	Award Amount	Deadline
**Brain Research Foundation's Scientific Innovations Award Program	Varies	April 24, 2017
NIH From Genomic Association to Causation: A Convergent Neuroscience Approach for Integrating Levels of Analysis to Delineate Brain Function in Neuropsychiatry <ul style="list-style-type: none"> • U01 • Collaborative U01 	2,500,000	May 1, 2017
NIH Eradication of HIV-1 from Central Nervous System Reservoirs (RO1)	Varies	May 7, 2017
NIH Silvio O. Conte Centers for Basic Neuroscience or Translational Mental Health Research (P50)	1.75 Million	May 24, 2017
NIH Perception and Cognition Research to Inform Cancer Image Interpretation R21 R01	Varies	May 30, 2017
Supplement Opportunity to Support Population-Based Research Studies of Rare Cancers	150,000	June 1, 2017
NIH Cancer Tissue Engineering Collaborative: Enabling Biomimetic Tissue-Engineered Technologies for Cancer Research (R01)	400,000	June 5, 2017
NIH-NIMH Biobehavioral Research Awards for Innovative New Scientists (NIMH BRAINS) (R01)	400,000	June 20, 2017
NIH Advancing Our Understanding of the Brain Epitranscriptome <ul style="list-style-type: none"> • R21 • R01 	Varies	June 2017
**Michael J. Fox Foundation for Parkinson's Research Inflammation Biomarkers for Parkinson's Disease	Up to 300,000	August 4, 2017

<u>NSF Research in the Formation of Engineers (RFE)</u>	350,000	September 27, 2017
<p>**NIH From Genomic Association to Causation: A Convergent Neuroscience Approach for Integrating Levels of Analysis to Delineate Brain Function in Neuropsychiatry</p> <ul style="list-style-type: none"> • <u>R01</u> • <u>Collaborative R01</u> 	Varies	October 5, 2017
<u>NIH Innovative Research in Cancer Nanotechnology (IRCN) (R01)</u>	450,000	November 21, 2017

**Newly Added