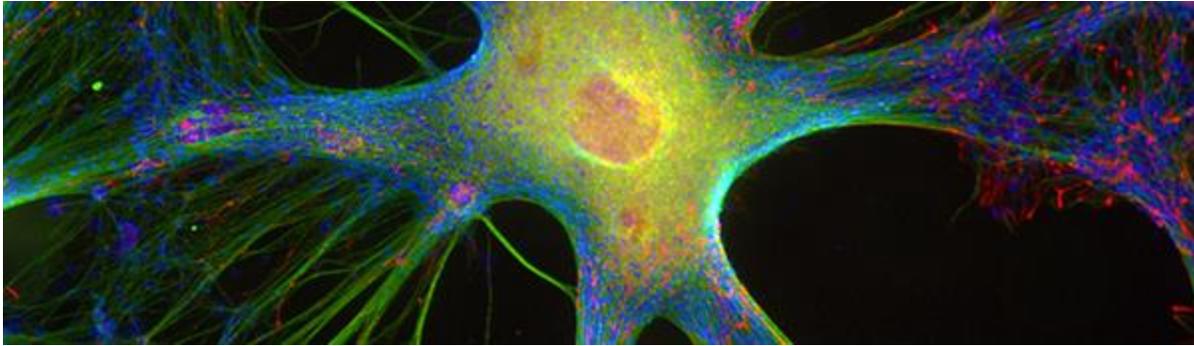


PURDUE INSTITUTE FOR INTEGRATIVE NEUROSCIENCE



Greetings! This past week PIIN hosted two successful events on campus, these activities were also part of the Team Life Science Week. On March 21st as part of PIIN's Brain and Spinal Cord Injury (TBI/SCI) Seminar Series, Dr. Xiaoming Xu, Professor of Neurological Surgery, Anatomy and Cell Biology and Pharmacology and Toxicology, Indiana University presented his research findings in a seminar entitled "Combinatorial strategies for the protection and regeneration of the injured spinal cord". Such seminars illustrate PIIN's effectiveness in creating collaborations between Purdue and Indiana University in the areas of neurotrauma and neurodegeneration.

The [2018 Greater Indiana Society for Neuroscience \(GISfN\) Chapter Annual Meeting](#) was hosted for the first time at Purdue University in West Lafayette on Friday, March 23, 2018. The event featured national keynote speaker Dr. Patricia Janak, Johns Hopkins University and

regional keynote speakers Dr. Donna Fekete and Dr. Richard Van Rijn, Purdue University, Dr. Jason Meyer from IUPUI and Dr. John Beggs from Indiana University. The event hit an all-time high of 252 attendees and 120 posters, mostly representing neuroscience research at Purdue University, Indiana University School of Medicine (IUSM), Indiana University Purdue University Indianapolis (IUPUI), and Indiana University Bloomington. Sponsors included the Society for Neuroscience, STARK Neuroscience Research Institute, Indiana CTSI, IUPUI-Department of Psychology, IUPUI-School of Science, Purdue College of Health and Human Sciences, Purdue Psychological Sciences, Purdue's College of Pharmacy and Axion Biosystems, Inc. The Purdue Institute for Integrative Neuroscience was the platinum sponsor of this event. On behalf of PIIN, we want to thank you for making this year's GISfN a success. We also want to thank Dr. Susan Sangha, Assistant Professor of Psychological Sciences and PIIN administrative staff Mrs. Julie Scott and Dr. Cinthia Sanchez for organizing the event.



Recent News:

- Dr. Hyowon Lee- [Electrochemical Evaluations of Fractal Microelectrodes for Energy Efficient Neurostimulation](#)
- Dr. Richard van Rijn - [Behavioral Characterization of \$\beta\$ -Arrestin 1 Knockout Mice in Anxiety-Like and Alcohol Behaviors](#)
- Dr. Zhongming Liu - [Deep Residual Network Predicts Cortical Representation and Organization of Visual Features for Rapid Categorization](#) and [Electrophysiological Source Imaging: A Noninvasive Window to Brain Dynamics](#) .

Announcements:

- April 10 is the deadline to submit poster abstracts for the [6th Annual Neuroscience Symposium: The Neuroscience of the Healthy Brain](#).
- April 15 is the deadline to register for the [2018 Chicago Symposium on Translational Neuroscience](#).
- The Michael J. Fox Foundation is accepting pre-proposals for [fall 2018 Parkinson's research funding](#).
- Indiana CTSI is accepting proposals for the [Indiana Traumatic Spinal Cord & Brain INjury Research Grant Program](#).
- Call to all research scientists: ALZgerm.org is accepting submissions for its 2021 [Alzheimer's Germ Quest Challenge Award](#).

Upcoming Events:

To view a calendar of our events please our [website](#).

- April 4: [CEREBBRAL Spring Symposium](#)
- April 9: Karling LECTure: "[Shaping and Signaling Mechanism of a BMP Morphogen Gradient](#)"
- April 10: [Enhancing Rigor and Transparency in Neuroscience](#)
- April 10: Karling Lecture: "[Seeing is believing: using zebrafish to decipher the cellular and molecular mechanisms of peripheral nerve regeneration](#)"
- April 12: Spring 2018 [Special Lectures in Neuroscience](#) - Prof. Daniel B Polley, Ph.D., Polley Lab, Harvard Medical School
- April 17: Neuroscience & Physiology Seminar: "[Spatiotemporal Dynamics of G-actin in Cell Motility and Synapse Development](#)"
- April 18: [Indiana Traumatic Spinal Cord and Brain Injury Research Conference](#)
- April 19: Spring 2018 [Special Lectures in Neuroscience](#) - Prof. Laurence Trussell, Oregon Health & Science University
- April 25-26: [Kent State University 6th Annual Neuroscience Symposium: The Neuroscience of the Healthy Brain](#)
- April 27: [Computational Neuroscience Symposium-IUPUI](#)