Professional Development Workshops

PDW01. "Can You Write Me a Strong Letter of Recommendation?": Soliciting, Writing, and Evaluating Recommendations

Location: SDCC 31ABC

Time: Saturday, November 12, 2022, 12:00 PM - 2:00 PM

Letters of recommendation are critical parts of applications to graduate school, postdocs, faculty positions, and career grants. What makes a letter of recommendation effective? This workshop will consider the elements of a strong letter for each career stage and is aimed both at scientists soliciting letters from mentors, scientists writing letters for others, and scientists evaluating letters for admission, fellowship, and hiring decisions.

Organizer/Moderator: *D. ROBINSON;
Univ. of North Carolina Chapel Hill, Chapel Hill, NC

Speaker: R. Gonzales;
University of Texas, Austin, TX.

Speaker: T. M. Reyes;
University of Cincinnati, College of Medicine, Cincinnati, OH.

Speaker: M. H. McFarland;
University of North Carolina at Chapel Hill, Chapel Hill, NC.

PDW02. Beyond the Rainbow: Empowering LGBTQ+ Trainees and Colleagues Toward Successful and Authentic Careers

Location: SDCC 31ABC

Time: Saturday, November 12, 2022, 3:00 PM - 5:00 PM

The LGBTQ+ community is more visible than ever, with increased presence across our field and within the Society for Neuroscience. The personal and professional experiences of LGBTQ+ trainees poses a unique mentoring challenge within the laboratory and classroom. Here, we aim to bring attention to the challenges LGBTQ+ neuroscientists face and discuss best practices for mentoring an intersectional community of neuroscientists from varied socioeconomic, racial/ethnic, religious, etc. backgrounds.

Organizer/Moderator: *J. HONEYCUTT;
Bowdoin Col., Brunswick, ME

Speaker: T. A. Roepke;
Animal Sciences, Rutgers, The State University of New Jersey, New Brunswick, NJ.

Speaker: M. Guthman;
Princeton, Princeton, NJ.

Speaker: A. Mosley Austin;
Brown University, Providence, RI.

Speaker: S. Ramakrishnan;
Neuroscience Program, University of Puget Sound, Tacoma, WA.

Speaker: K. S. Singleton;
Interdisciplinary Program in Neuroscience, Georgetown University, Washington, DC.

PDW03. Why and How to Account for Sex and Gender in Brain and Behavioral Research

Location: SDCC 31ABC

Time: Sunday, November 13, 2022, 9:00 AM - 11:00 AM

Long overlooked in research, sex and gender are now recognized as key variables that impact all levels of neurobehavioral analysis. But many neuroscientists do not understand the difference between sex and gender, the complexity of each variable, or how to best analyze their influence on data. Given recent NIH mandates to equally include males and females in both animal and human studies, this session will deepen neuroscientists' understanding of why and how to most rigorously do this.

Organizer/Moderator: *L. ELIOT;
Rosalind Franklin Univ. of Med. & Sci., North Chicago, IL

Speaker: M. M. McCarthy;
University of Maryland School of Medicine, Baltimore, MD.

Speaker: A. Beery;
UC Berkeley, Berkeley, CA.

Speaker: D. L. Maney;
Emory University, Atlanta, GA.

Speaker: E. G. Jacobs;
Psychological & Brain Sciences, University of California, Santa Barbara, Santa Barbara, CA.

Speaker: H. LeBlanc;
California Institute of Technology, Pasadena, CA.

PDW04. Integrating Life and Work in Neuroscience: Strategies for Success

Location: SDCC 31ABC

Time: Sunday, November 13, 2022, 12:00 PM - 2:00 PM

Participants from diverse backgrounds/family structures provide perspectives on strategies they use to navigate their lives/careers before and during the pandemic. Intended for trainees to mid-career researchers, we will discuss how we cope with issues experienced by many scientists. Topics include having/raising children, the "two body problem", caring for aging parents from

afar, travel, choosing between soft or hard money positions, and how to prioritize professional and personal success.

Organizer/Moderator: *G. E. HODES;
Neurosci., Virginia Tech., Blacksburg, VA

Speaker: D. A. Bangasser;
Department of Psychology and Neuroscience Program, Temple University, Philadelphia, PA.

Speaker: S. Russo;
Fishberg Department of Neuroscience, Mount Sinai School of Medicine, New York, NY.

Speaker: J. R. Turner;
University of Kentucky, Lexington, KY.

Speaker: Y. Kozorovitskiy;
Northwestern University, Evanston, IL.

Speaker: K. Y. Salas-Ramirez;
Physiology, Pharmacology and Neuroscience, CUNY School of Medicine, New York, NY.

PDW05. Culturally Validated Pedagogy and Inclusion in Neuroscience

Location: SDCC 31ABC

Time: Monday, November 14, 2022, 9:00 AM - 11:00 AM

The proposed session will focus on culturally validating pedagogy in Neuroscience courses to increase inclusion and retention and graduation rates in students from underrepresented and marginalized backgrounds. Together we will workshop with instructors how to validate their assignments and syllabi in Neuroscience courses as well as mentorship programs to include culturally relevant content and practices.

Organizer/Moderator: *K. D'ANNA-HERNANDEZ;
Marquette Univ., Milwaukee, WI

Speaker: A. R. Zavala;
Psychology, California State University, Long Beach, CA.

Speaker: N. Gordon;
Marquette University, Milwaukee, WI.

PDW06. Brain Data Science: A World of New Neuroscience Career Opportunities

Location: SDCC 31ABC

Time: Monday, November 14, 2022, 12:00 PM - 2:00 PM

Open collaborative brain research is generating huge piles of data that must be managed and analyzed. The explosion of brain big data, machine learning and AI has created a demand for "data competent" neuroscientists working in multiple sectors who will shape the future of

neuroscience. But how do we get into brain data science? This workshop features individuals with a variety of positions in brain data science to present how they do what they do, how they got there, and where they are going.

Organizer/Moderator: *W. GRISHAM;
UCLA Chapter, Los Angeles, CA

Speaker: A. S. Rokem;
The University of Washington, Seattle, WA.

Speaker: S. E. de Vries;
Allen Institute For Brain Science, Seattle, WA.

Speaker: E. Thiels;
National Science Foundation, Alexandria, VA.

Speaker: D. Yatsenko;
Department of Neuroscience, Baylor College of Medicine, Houston, TX.

Speaker: M. Abrams;
INCF, Stockholm, SWEDEN.

Speaker: O. Armitage;
Bios Health Ltd, Cambridge, UNITED KINGDOM.

PDW07. Neuroscience Departments and Programs Workshop: From Design to Analysis: Improving Research Skills for an Evolving Field

Location: SDCC 31ABC

Time: Monday, November 14, 2022, 3:00 PM - 5:00 PM

Every neuroscientist has a list of "methodological resolutions" — things we've been meaning to learn or teach about more, but haven't had time to delve in to. This workshop will help you get started with four common "gaps" in your training or your graduate training program: Experimental design, math, coding, and statistical thinking. For each, we'll explain why these gaps matter, highlight what's especially useful to know, and provide resources to help you and your trainees get up to speed.

Organizer/Moderator: *R. CALIN-JAGEMAN;
Dominican Univ., River Forest, IL

Speaker: M. E. Harrington;
Neurosci Prog, Smith College, Northampton, MA.

Speaker: A. L. Juavinett;
University of California, San Diego, La Jolla, CA.

Speaker: E. Batty;
MA.