

## **Two Staff Scientist/Facility Head Positions Available**

The National Institute on Drug Abuse (NIDA), National Institutes of Health (NIH), Department of Health and Human Services (DHHS), is recruiting for two Staff Scientist/Facility Heads within the Intramural Research Program (IRP). The selected candidates will receive resources from NIDA IRP for on-going program operations and will be responsible for managing budget, personnel, equipment, and space within these Cores. NIDA IRP will provide adequate laboratory and office space for advancement of the Core. These facilities support research within the NIDA IRP, located within the Biomedical Research Center on the campus of Johns Hopkins Bayview Medical Center in Baltimore, MD. The broader NIH campus and the NIDA IRP in Baltimore provide a rich and highly interactive translational neuroscience environment. Full federal benefits are included. Salary will be commensurate with experience.

Appointees may be U.S. citizens, resident aliens, or non-resident aliens with, or eligible to obtain, a valid employment authorization visa. Applicants must submit a Curriculum Vitae (including bibliography), a two-page (single spaced) summary of research interests, and contact information for three scientific references, as well as an Equity, Diversity, and Inclusion Statement (not to exceed 2 pages, single spaced) that describe mentoring, teaching, or other experiences, successes, and challenges in working with a diverse population of women, individuals from racial/ethnic minorities, and other groups who are underrepresented in biomedical research.

### **Staff Scientist/Facility Head of the Confocal and Electron Microscopy (CEM) Core**

The Facility Head will directly manage the CEM, which focuses on fundamental brain mechanisms of drug addiction using confocal and electron microscopy technologies and other emerging microscopy techniques to characterize cellular and ultrastructural properties of organelles, tissue culture and brain tissue. The successful candidate must be committed to scientific excellence and highly collaborative research. Applicants must hold an MD or PhD or equivalent degree(s) in neuroscience, molecular biology, or a related area. Specific criteria for selection include experience in immuno-transmission microscopy including pre-embedding and post-embedding immunolabeling using brain tissue and tissue culture, ultrastructural analysis of isolated vesicles by immunolabeling and negative staining, serial block-face scanning EM for 3D reconstruction of neurons using brain tissue, volume scanning EM and electron tomography using brain tissue, immunofluorescence, confocal microscopy, super-resolution microscopy using brain tissue and tissue culture, correlative light, and EM neuronal imaging for 3D reconstruction of axon terminals with immunolabeling, and imaging data analysis using Imaris, Amira and Dragonfly software for 3D reconstruction with confocal and/or EM images. Experience with statistics is preferred, as is experience in managing a core facility. The successful candidate will be expected to collaborate with other research groups within the NIDA IRP and to provide state-of-the-art microscopy support for studies aimed at understanding mechanisms of drug addiction. Thus, a proven ability to establish and sustain collaborative work is highly desirable.

### **Staff Scientist/Facility Head of the Genetic Engineering and Viral Vector Core (GEVVC)**

The Facility Head will director manage the GEVVC, which focuses on developing genetic tools capable of modulating and monitoring molecules, cells, and circuits in the nervous system, and on providing general molecular biology support for NIDA IRP. The successful candidate must be committed to scientific excellence and highly collaborative research. Applicants must hold an MD or PhD or equivalent degree(s). Criteria for selection include experience in one or more of the following: CRISPR gene editing, RNA silencing tools, optogenetics/chemogenetics/genetic-encoded biosensors, transcriptomics, and transgenic animal generation. The successful candidate will be expected to collaborate with other research groups within the NIDA-IRP and to provide state-of-the-art genetic and molecular biology tools to support studies aimed at understanding mechanisms of drug addiction. Thus, a proven ability to establish and sustain collaborative work is highly desirable.



# Intramural Research Program

*Our Research Changes Lives*



National Institute  
on Drug Abuse

Please email application materials with the specific position to which you are applying in the subject line to Crystal Kosko, MS, Management Analyst, NIDA IRP at [NIDAIRPManagementAnalysts@nida.nih.gov](mailto:NIDAIRPManagementAnalysts@nida.nih.gov).

***Applications will be accepted through May 31, 2024.***

*The NIH encourages the application and nomination of qualified women, minorities, and individuals with disabilities.*



**The HHS and NIH are Equal Opportunity Employers**