2025 Rutgers Brain Health Institute (BHI) Postdoc Recruitment Event

APRIL 21 - 23

Advance your career with exceptional postdoc training in neuroscience at Rutgers



Post-doc training opportunities in basic, translational, and clinical neuroscience research.



Candidates selected to attend the all-expenses-paid event at Rutgers.



Applications from talented and motivated PhD or MD/PhD students and current postdocs.

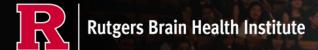


Highly competitive salary and benefits plus excellent mentoring and career development support.

	Agenda		
Mon, April 21 (Rutgers University Inn)			
4 PM	Arrive at Rutgers Inn, New Brunswick	Room check-in starts at 4 PM	
6 - 8 PM	Dinner social at Rutgers Inn Conference Room B & the B/C Landing	Meet organizing committee and other candidates	
Tues, April 22 (Shuttle from Inn at ~7.45 AM to Busch Student Center in Piscataway)			
8.00 - 8.30 AM	Continental Breakfast		
8.45 - 8.55 AM	Welcome and Introduction: Dr. Gary Aston-Jones, Director of BHI		
9.00 - 9.10 AM	Rutgers Health Postdoc Affairs Resources: Dr. Janet Alder, Assistant Vice Chancellor, Rutgers Health		
9.15 - 9.25 AM	Annie Ly, University of Colorado-Boulder Bed nucleus of the stria terminalis (BNST) neurons in feeding behavior		
9.30 - 9.40 AM	Chary Batista, University of Washington-Seattle Strategies for Sensorimotor Recovery in Chronic Spinal Cord Injury		

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	Dairing Jung Albert Finstein College of Medicine Brony	
9.45 - 9.55 AM	Dajung Jung , Albert Einstein College of Medicine, Bronx Dentate granule and mossy cells exhibit distinct spatiotemporal responses to local change	
10.00 - 10.15 AM	Coffee/Tea break	
10.15 - 10.25 AM	Elizabeth Wright, University of Arizona, Tucson Unraveling the role of endosomal protein TMEM184B in neural development	
10.30 - 10.40 AM	Gagana Karkada , Drexel University Finding the Sweet Spot: Optimizing Non-Thermal Plasma Dosage for Safe and Effective Medical Applications	
10.45 - 10.55 AM	Jay English, University of Massachusetts- Amherst The Impact of Excitatory/Inhibitory Signaling Imbalance in Neurodevelopmental Disorders	
11.00 - 11.10 AM	Lauren Carrica, University of Illinois- Urbana Champaign The effects of methamphetamine exposure in adolescence on later drug-taking behaviors	
11.15 - 11.25 AM	Mofida Abdelmageed, Penn State- College of Medicine Mapping Cell-Type Specific Alterations of DNA Polymerase Kappa in Brain Aging and Neurodegeneration	
11.30 - 11.40 AM	Molly Pruitt , University of Maryland, Baltimore The Effects of Delta-9 Tetrahydrocannabinol (THC) and Alcohol in the Primary Visual Cortex of Ferrets.	
12.00 - 1.00 PM	Lunch	
1.00 - 1.15 PM	Jaclyn Eisdorfer, PhD Chair of BHI Post-doc Alliance Working Group (PAWG)	
1.20 - 1.40 PM	Morteza Abyadeh, University of Virginia Fingolimod: An FDA-Approved Drug Repurposed for Niemann-Pick Disease Type C and Aging	



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1.45 - 1.55 PM	Nadav Amir , Princeton University States as goal directed concepts: an information theoretic approach to state representation learning	
2.00 - 2.10 PM	Olivia Cox, Vanderbilt University Impact of the environment on neuroplasticity: Studies in stress signaling and circadian rhythms	
2.15 - 2.25 PM	Samuel Vielee , University of Louisville From Whales to Worms: Environmental Neurotoxicology on the High Seas and at the Bench	
2.30 - 2.40 PM	Shirelle Liu, University of Minnesota Resilience and Relapse: Gene Expression and Its Regulation in Rat Models of Three Stages of Opioid Use Disorder	
2.45 - 2.55 PM	Sung-Mu Lee, Purdue University fMRI Studies on Visual Repetition and Attention	
3.00 - 3.10 PM	Usman Ali , Boston University <i>Emerging Paradigms in Alzheimer's Disease Research</i>	
3.15 - 3.25 PM	Victoria Vernail , Penn State- College of Medicine Angiotensin-(1-7) engages hypothalamic inhibitory pathways to lower blood pressure	
3.30 - 3.40 PM	Wendy Aquino Nunez, University of Kansas Microtubule Dynamics in a C. elegans model of Tauopathies	
3.45 - 3.55 PM	Yaohui Ding, Duke University Dimensionality of Fifteen Emotional States Decoded from Task fMRI Data	
4.00 - 5.00 PM	Refreshment and Networking	
5.00 - 6.00 PM	Shuttle to the Rutgers Inn and then to dinner	



