



RUTGERS HEALTH

Center for Biomedical Informatics and Health Artificial Intelligence

Institute for Health, Health Care Policy and Aging Research

presents

2026 TRAINEE SYMPOSIUM

*celebrating Rutgers student successes in center initiatives
including the summer internship, summer bootcamp,
postdoctoral fellowship and pilot grant awards*

Friday, July 31, 2026

**Daniel L. Kessler Building, 675 Hoes Lane West,
Piscataway, NJ**

IFH.Rutgers.edu/BMIHAI

2026 Trainee Symposium

9:30 am – 10:00 am	Coffee, Cookies and Networking	
10:00 am – 10:15 am	Welcome	Dr. Leslie Lenert, Director, Rutgers Health Center for Biomedical Informatics and Health AI (introduced by Dr. Antonina Mitrofanova, Deputy Director, Rutgers Health Center for Biomedical Informatics and Health AI)
10:15 am – 12:00 pm	Presentations from Summer Interns	10:15 am – 10:30 am Dr. Tom Lin (Mentor), Khoi Minh (BS) – Computer Science and Math Undergraduate Research Assistant: <i>Developing a Computational Workflow for Arginylation Proteomics Data Analysis</i> 10:30 am – 10:45 am Dr. Evelyne Kalyoussef (Mentor), Swayam Mestry (MS) – Statistics / Data Science Graduate Research Assistant: <i>A Deep Learning Approach to Screening Inpatients for Dementia and Hearing Loss</i> 10:45 am – 11:00 am Dr. Rahul Mittal (Mentor), Shariq Abdul Aziz (BS) – Computer Science Undergraduate Research Assistant: <i>Risk Phenotyping and Prediction of Hypertension Complications with EHR Transformers</i> 11:00 am – 11:15 am Dr. Helen Chen (Mentor), Sai Raunak Bidesi (MS) – Data Science Graduate Research Assistant: <i>From Data to Decision: Designing Contextualized CGM Reports in Primary Care Diabetes Management</i> 11:15 am – 11:30 am Dr. Anat Kreimer (Mentor), Anjaneya Pant (MS) – Data Science Graduate Research Assistant:

		<i>Investigating Improvements in Identifying Transcription Factor Binding Site Disruptions</i> 11:30 am – 11:45 am Dr. Soha Saleh (Mentor), Risha Makhijani (BS) – Computer Science Undergraduate Research Assistant: <i>EEG-Based Biomarkers of Responsiveness to Neuromodulation</i> 11:45 am – 12:00 am Dr. Priyadarshini Kachroo (Mentor), Sritama Ghosh (MS) – Computer Science Graduate Student: <i>Machine Learning-Based Sub-Phenotyping of Hypertensive Patients for Heart Failure Risk Prediction</i>
12:00 pm – 1:00 pm	Lunch and Networking (Warm lunch will be provided)	
1:00 pm – 1:45 pm	Presentation from PostDoc + Pilot Grant Trainees	1:00 pm – 1:15 pm Dr. Avram Holmes (Mentor), Dr. Loic Labache – Postdoctoral Associate: <i>Toward Precision Mapping of Brain Lateralization Across Psychiatric Dimensions</i> 1:15 pm – 1:30 pm Dr. Jag Sunderram (Mentor), Dr. Khang Dang – Postdoctoral Associate: <i>EEG-based biomarkers of responsiveness to neuromodulation</i> 1:30 pm – 1:45 pm Dr. Priyadarshini Kachroo, Sajeev Singh – Research Teaching Specialist V, Department of Health Informatics: <i>Machine-Learning Driven Sub-Phenotyping of Heart Failure in Real-World Patients to Predict Mortality Risk</i>
1:45 pm – 2:15 pm	Bootcamp Trainee Presentation	1:45 pm – 2:00 pm Niki Travalli – Public Health Graduate Student and Piyaporn Puangprasert – Computer Science Graduate Student: <i>Mapping PFAS Detection Methods, Target Compounds, and Reported Health Outcomes in Drinking-Water Studies : An AI-Assisted Scoping Review</i> 2:00 pm – 2:15 pm Hana Ebrahim – Biomedical Science Graduate Student

		Zeynep Akovali – Biomedical Science Graduate Student Jorge Ponce Zea – Postdoctoral Associate Katherine De la Torre – Postdoctoral Associate Jemimah Meghai – Biomedical Science Graduate Student, Research Track Jemimah Meghai – Biomedical Science Graduate Student, Research Track Anirudh Koneru – MD Candidate Swapna Ambati – DHI Graduate Student: <i>Plant based Natural Products for Gastrointestinal Cancers : an AI-assisted scoping review</i>
2:15 pm – 3:00 pm	Panel Discussion "AI in Student health and wellness: Trainee Perspective" + Student Open Mic	Dr. Margaret Swarbrick – Director, ScarletWell (TBD) Dr. Paul Weber – Associate Dean for Continuing Medical Education, Rutgers Robert Wood Johnson Medical School and New Jersey Medical School Dr. Nadine Gut – Assistant Research Professor, Rutgers Center for Molecular and Behavioral Neuroscience Eric Marshall – Director of Advanced Computing Infrastructure, Rutgers Office of Advanced Research Computing Daniel Fu – Medical Student, Rutgers New Jersey Medical School, Rutgers Health Colin Giles – MIS Technician, Rutgers Newark Gbenga Dairo – PhD Candidate, Institute for Quantitative Biomedicine, Rutgers- New Brunswick Vahid Khalkhali – PhD candidate, Rutgers-Camden

MC: Leslie Lenert, Director, Rutgers Health Center for Biomedical Informatics and Health Artificial Intelligence