



**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](https://IFH.Rutgers.edu/BMIHAI)**

## 2026 Trainee Symposium

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| 9:30 am – 10:00 am  | Coffee, Cookies and Networking    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 10:00 am – 10:15 am | Welcome                           | <p>Dr. Leslie Lenert, Director, Rutgers Health Center for Biomedical Informatics and Health AI</p> <p>(introduced by Dr. Antonina Mitrofanova, Deputy Director, Rutgers Health Center for Biomedical Informatics and Health AI)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 10:15 am – 12:00 pm | Presentations from Summer Interns | <p><b>10:15 am – 10:30 am</b><br/> 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></p> <p><b>10:30 am – 10:45 am</b><br/> 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></p> <p><b>10:45 am – 11:00 am</b><br/> 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></p> <p><b>11:00 am – 11:15 am</b><br/> 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></p> |

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|                           |                                                           | <p><b>11:15 am – 11:30 am</b><br/> Dr. Anat Kreimer (Mentor), Anjaneya Pant (MS) – Data Science Graduate Research Assistant: <i>Investigating Improvements in Identifying Transcription Factor Binding Site Disruptions</i></p> <p><b>11:30 am – 11:45 am</b><br/> Dr. Soha Saleh (Mentor), Risha Makhijani (BS) – Computer Science Undergraduate Research Assistant: <i>EEG-Based Biomarkers of Responsiveness to Neuromodulation</i></p> <p><b>11:45 am – 12:00 am</b><br/> 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></p> |
| <b>12:00 pm – 1:00 pm</b> | <b>Lunch and Networking (Warm lunch will be provided)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>1:00 pm – 1:45 pm</b>  | <b>Presentation from PostDoc + Pilot Grant Trainees</b>   | <p><b>1:00 pm – 1:15 pm</b><br/> Dr. Avram Holmes (Mentor), Dr. Loic Labache – Postdoctoral Associate: <i>Toward Precision Mapping of Brain Lateralization Across Psychiatric Dimensions</i></p> <p><b>1:15 pm – 1:30 pm</b><br/> Dr. Jag Sunderram (Mentor), Dr. Khang Dang – Postdoctoral Associate: <i>AID-TWIN: Toward Intervention-Aware Digital Twins for ICU Risk Forecasting and Decision Support</i></p> <p><b>1:30 pm – 1:45 pm</b><br/> Dr. Priyadarshini Kachroo, Sajeew 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></p>    |
| <b>1:45 pm – 2:15 pm</b>  | <b>Bootcamp Trainee Presentation</b>                      | <p><b>1:45 pm – 2:00 pm</b><br/> Niki Travalli – Public Health Graduate Student and Piyaporn Puangprasert – Computer Science Graduate Student: <i>Mapping PFAS Detection Methods, Target Compounds, and Reported</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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|                          |                                                                                                                                        | <p><i>Health Outcomes in Drinking-Water Studies : An AI-Assisted Scoping Review</i></p> <p><b>2:00 pm – 2:15 pm</b></p> <p>Hana Ebrahim – Biomedical Science Graduate Student</p> <p>Zeynep Akovali – Biomedical Science Graduate Student</p> <p>Jorge Ponce Zea – Postdoctoral Associate</p> <p>Katherine De la Torre – Postdoctoral Associate</p> <p>Jemimah Meghai – Biomedical Science Graduate Student, Research Track</p> <p>Jemimah Meghai – Biomedical Science Graduate Student, Research Track</p> <p>Anirudh Koneru – MD Candidate:</p> <p><i>Plant based Natural Products for Gastrointestinal Cancers: an AI-assisted scoping review</i></p>                         |
| <b>2:15 pm – 3:00 pm</b> | <p><b>Panel Discussion</b></p> <p><b>"AI in Student health and wellness: Trainee Perspective"</b></p> <p><b>+ Student Open Mic</b></p> | <p>Dr. Paul Weber – Associate Dean for Continuing Medical Education, Rutgers Robert Wood Johnson Medical School and New Jersey Medical School</p> <p>Dr. Nadine Gut – Assistant Research Professor, Rutgers Center for Molecular and Behavioral Neuroscience</p> <p>Eric Marshall – Director of Advanced Computing Infrastructure, Rutgers Office of Advanced Research Computing</p> <p>Likhita Sree Thiriveedi – Medical Student, New Jersey Medical School.</p> <p>Colin Giles – MIS Technician, Rutgers Newark</p> <p>Gbenga Dairo – PhD Candidate, Institute for Quantitative Biomedicine, Rutgers- New Brunswick</p> <p>Vahid Khalkhali – PhD candidate, Rutgers-Camden</p> |
| <b>3:00 pm – 3:30 pm</b> | <b>Coffee, Cookies and Networking</b>                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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