



RUTGERS HEALTH

**Center for Biomedical Informatics
and Health Artificial Intelligence**

Institute for Health, Health Care Policy and Aging Research

presents

*Advancing Rutgers Health AI through Research,
Discovery, and Collaboration*

ANNUAL SYMPOSIUM

Monday, March 23, 2026

Rutgers Student Center, College Ave Campus | 126 College Avenue, New Brunswick, NJ

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Rutgers Cancer Institute

**Scholars and Early-Stage Investigator
Advancement (SEA) Initiative**
3P30 CA072720-25S2

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2026 Annual Symposium

Advancing Rutgers Health AI through research, discovery, and collaboration

8:30 - 9:00	Coffee and continental breakfast		
9:00-9:10	Roadmaps Leadership addresses	Keena Arbuthnot Henry Turner	
9:10-9:15	Rutgers Health Leadership address	Kathleen Scotto	
9:15-9:30	BMIHAI Center updates	Leslie Lenert	
9:30-10:10 (40 mins)	Panel Discussion Lead: Fay Cobb Payton	Fay Cobb Payton (R-N) Leslie Lenert (RH) Joshua Langberg (ScarletWell, RNB) Noa'a Shimoni (Student Health and Wellness, RU) Sandra Richtermeyer (R-C)	“Cross-Roadmaps initiative in AI for Student Health and Wellness”
10:10-10:30	Student and trainee feedback		
10:30-10:50		Vicente Gracias	Advances in AI at Rutgers Health
10:50-11:10	Coffee break and networking		
11:10-12:20	“Precision Medicine & Investigative Biomedical Informatics in Oncology” Sponsored by: The Scholar and Early-Stage Investigator Advancement Initiative, Rutgers Cancer Institute. Grant # 3P30 CA072720-25S2. Lead: David Foran & Chang Chan		
	11:10-11:22	Chang Chan (Rutgers, RCI)	Identifying and Validating RNA Biomarkers for Precision Oncology
	11:22-11:34	Michelle Chan (Princeton)	Spatial Transcriptomics with Targeted Genotyping
	11:34-11:46	Subhajyoti De (Rutgers, RCI)	Leveraging Big Data for Cancer Genomics and Precision Medicine
	11:46-11:58	Yi Chen (NJIT)	Explainable AI for Outcome Prediction from Clinical Notes

	11:58-12:10	Greg Riedlinger (RWJMS)	Precision Medicine Oncology at Rutgers
	12:10-12:22	Ilker Hacihalilogu (UBC)	Reimagining Ultrasound AI: Image Enhancement and Compact Architectures for Point-of-care Deployment
12:20-1:10 Lunch and networking (50 mins)			
1:10-1:40	Keynote	Casimir Kulikowski (R-NB)	Rutgers - Pioneering AI in BioMedicine and Healthcare from 1971 to the present
1:40-2:20 (40 mins)	Panel Discussion Lead: Rey Panettieri	Rey Panettieri (NJ-ACTS) Mike Hogarth (UCSD/ENACT) Thomas Campion (Cornell/PCORnet) Gowtham Rao (OHDSI)	“National Data Sources for AI Development and Validation”
2:20-2:50	Health AI Highlights: success stories of BMIHAI funded Pilot projects		
	2:20-2:35	Jason Yang and Rohan Maddamsetti	How do costly antibiotic resistance genes persist in the clinic?
	2:35-2:50	Zeeshan Ahmed	MIND-Core: Multidimensional, Intelligent, Next-generation Data Core
2:50-3:10 Coffee break and networking (20 mins)			
3:10-3:40 Health AI Highlights: success stories of BMIHAI PAIR-funded projects			
	3:10-3:25	Mayur Narayan and Divya Kewalramani	Decoding Surgical Site Infection Susceptibility: A Multimodal Approach
	3:25-3:40	Jag Sunderram and Khang Dang	AID-TWIN: Advancing ICU Care with Real-Time, AI/ML-Driven, Patient-Specific Digital Twins
3:40-3:50 Industry talk 1 - Kenny He - Google			
3:50-4:00 Industry talk 2 - SHI			
4:00-4:40	Panel Discussion Lead: Evan Johnson	Evan Johnson (RWJMS) Patrick Goldsmith (SHI) Kenny He (Google Health) Shamina Merchant (AWS) James Barrood (Innovation+) Jared Saul (AWS)	“Applied General Intelligence - Will it Take the Scientists Out of Science?”
4:40-4:50	Closing remarks	BMIHAI leadership	Leslie Lenert
4:50-6:00	Poster session: Wine and cheese reception	Poster session and reception	Poster chair: Priya Kachroo (Rutgers, SHP)
	5:50-6:00	Best Poster Awards	Poster chair: Priya Kachroo (Rutgers, SHP)
		Best Oncology Poster Award	Sponsored by: The Scholar and Early-Stage Investigator Advancement Initiative, Rutgers Cancer Institute. Grant # 3P30 CA072720-25S2.

Master of Ceremonies: Antonina Mitrofanova