

## NLM Training Program in Biomedical Informatics and Data Science

### Current Trainees – as of June 1, 2026

#### Predoctoral Trainees (PhD students)

Trainee	Mentors	Project Title	Training Period
Lindsay Altidor, Baylor College of Medicine (BCM)	Miriana Maletic-Savatic, BCM Jay Hennig, BCM	Decoding Neural Network Dynamics in Brain Organoids: Intelligence-on-a-dish for Precision Medicine and High-Throughput Drug Development	06/30/25 - 06/29/27
Isha Chakraborty, Rice University (Rice)	Ashutosh Sabharwal, Rice Sameer Sheth, BCM Nicole Provenza, BCM	Automated Visual Assessments in Healthcare: Using Explainable Computer Vision to Disentangle Motion Behavior Representations for Improving Clinical Outcomes	01/01/25 - 12/31/27
Ana Guadalupe Chavez, BCM	Benjamin Hayden, BCM Krešo Josic, University of Houston	Neural Mechanisms of Language: Bridging Speech Encoding and Decoding for Restorative Communication	05/01/25 - 04/30/27
Ryan Doughty, Rice	Todd Treangen, Rice Michael Tisza, BCM	Understanding Population Level intra-host Viral Diversity and Evolution Via Petabase-scale DNA Sequence Analyses	12/01/24 - 11/30/27
Justin Nguyen, UT Medical Branch at Galveston (UTMB)	George Golovko, UTMB Slobodan Paessler, UTMB	Unraveling Natural and Vaccine-Elicited Immunity to Lassa Fever (UNVEIL)	01/01/25 - 12/31/26
Loksha (Kesha) Pugalenthi, Rice	Tatiana Schnur, UT Health Science Center at Houston (UTH) Guha Balakrishnan, Rice	Multimodal Machine Learning Classification of Language Impairment in Acute Stroke	01/11/26 - 01/10/27
Christina van Hal, UTH	Todd Johnson, UTH Elmer Bernstam, UTH	Robust Assessment of Health Care Data Quality for Estimating Causal Effects	01/01/24 - 12/31/26
Ethan Woods, Rice	Meng Li, Rice Gabriel Loor, BCM	Integer Regression for Medical Risk Scoring	06/01/25 - 05/31/27

#### Postdoctoral Trainees

Trainee	Mentors	Project Title	Training Period
Tyler Lovelace, UT Health Science Center at Houston (UTH)	Zhongming Zhao, UTH Vicky Yao, Rice University (Rice)	Mapping Cellular and Tissue Dysregulation in Alzheimer's Disease with Self-Supervised Causal Modeling of Single-Cell Multi-Omic and Spatial Data	01/01/26 - 12/31/26

Meher Niger, UT MD Anderson Cancer Center (MDA)	Ken Chen, MDA Ziyi Li, MDA Linghua Wang, MDA	1) Combining H&E Images and Single-slide ST Data for 3D ST Reconstruction, and 2) Micro-MRI- assisted Multi-modality 3D Reconstruction	05/01/26 - 04/30/27
Saleh Ramezani, MDA	C. Dave Fuller, MDA Cristian Coarfa, Baylor College of Medicine (BCM)	Development of a Probabilistic Deep Learning Model for Regional Lymph Node Assessment in Invasive Breast Cancer Using Multi- Modal Imaging	01/01/25 - 12/31/26
Bahram Yaghooti, Rice	Ashok Veeraraghavan, Rice Sadeer Al-Kindi, Houston Methodist Research Institute Guha Balakrishnan, Rice	Multimodal Self-Supervised Learning and Uncertainty-Aware Risk Prediction for CKM Disease	06/10/26 - 06/09/27

*Last updated 06/18/2026*