RUTGERS HEALTH
Center for Biomedical Informatics and Health Artificial Intelligence
Institute for Health, Health Care Policy and Aging Research

2026 Request for Applications

Summer Internship Program in Biomedical Informatics and Health AI

Funding Opportunity Purpose:

This RFA solicits project applications for the Summer Internship initiative, designed to provide a platform for undergraduate and MS Rutgers students to participate in hands-on projects focused on Biomedical Data Science and Health AI, and introduce students to careers in Computational Biomedicine and AI in Healthcare.

Release Date: October 3rd, 2025

Information Webinar:
Webinar: **October 15th, 2025, at 3:00 pm EST**
Register here: https://rutgers.zoom.us/meeting/register/7t_n2sHaQRaArHTRFav3aQ

Host: **Antonina Mitrofanova, Deputy Director, BMIHAI**.
Webinar recording or additional webinars will be available upon request.

Faculty Proposal Deadline: November 10th, 2025
Submit here: https://shprutgers.jotform.com/252645551302148

Proposal Selection and Posting: December 15th, 2025

Student Applications Accepted: December 16th, 2025 – January 19th, 2026
Will be available on **December 16th**: https://shprutgers.jotform.com/252644701508152

Student Interviews: February 23rd – March 6th, 2026

Final Student Selection: March 23rd, 2026

Summer Internship: June 1st - July 31st, 2026

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I. Overview of the Program

The Rutgers Health (RH) Center for Biomedical Informatics & Health Artificial Intelligence (BMIHAI) https://ifh.rutgers.edu/center-for-biomedical-informatics-and-health-artificial-intelligence/ is established to serve as the catalyst for a transformative effort that establishes Rutgers as a national and international leader in computational medicine and health AI. The overarching goal of this initiative is to bring together substantial existing, but currently siloed, strengths in the broad area of biomedical informatics, including bioinformatics, clinical informatics, clinical research informatics, public health informatics, translational bioinformatics, etc., and substantially expand them, especially in the area of health AI, making them collectively much more than the sum of their parts.

The BMIHAI Summer Internships are supported by Rutgers Roadmaps for Collective Academic Excellence Initiative https://academicaffairs.rutgers.edu/roadmaps-collective-academic-excellence. This mechanism is designed to introduce undergraduate and MS Rutgers students to hands-on projects focused on Biomedical Informatics and Health AI and careers in Biomedical Data Science and AI in Biomedicine. Each internship is a nine-week summer program (**June 1st to July 31st, 2026**). Student participants will be hosted by Rutgers Health faculty, offering summer projects in Data Science, Biomedical Informatics, Machine Learning, Health AI, or related fields. Seven (7) summer projects will be selected each year. PIs of selected projects will identify the best BS and MS students to participate as summer interns. The final intern selection will be made by the Summer Internship Review Committee. The program will culminate in a Summer Internship Symposium on **July 31st, 2026**, where summer projects will be presented by the participating students.

II.   Requirements for 2026 RFA

Information Webinars:

- An information webinar will be hosted to explain proposal requirements, as well as the review and selection process.

Webinar: October 15ᵗʰ, 2025 at 3:00 pm EST

Register here: https://rutgers.zoom.us/meeting/register/7t_n2sHaQRaArHTRFav3aQ

Host: **Antonina Mitrofanova, Deputy Director, BMIHAI**
Webinar recording or additional webinars will be available upon request.

Faculty Project Proposals:

- PIs can submit up to one summer project proposal per cycle.
- Project proposals must include project description, overall objectives, deliverables, and the specific role that the summer intern will play in the proposed project, which must include hands-on experience in Biomedical Informatics and Health AI.

Student Applications:

- Once faculty project proposals are selected, faculty will interview interested students and select two best candidates for each position, which should include one best applicant for Bachelors-level intern and one best applicant for Masters-level intern. The Review Committee will make the final decision regarding which intern (out of two selected) will participate in each project and receive the stipend.

Funding Amounts and Duration:

- Seven intern awardees will be chosen. Awardees will receive a $3,000 stipend for the 9-week internship in two installments: first payment of $2,000 at the beginning of the program and second payment of $1,000 upon successful completion of the program and Symposium presentation on **July 31ˢᵗ, 2026.**
- Each hosting faculty member will receive $1,000 in discretionary funds per intern to support related internship activities at the beginning of the project.

III. Application Process

Eligibility:

- All Rutgers Health faculty (PIs) are eligible to submit a research project proposal.
- PIs are limited to one application per cycle.
- Intern applicants can be Bachelors or Masters-level students from any school or Chancellor Led Unit within Rutgers University.
- Only Rutgers students who will remain **active students** through the end of the internship period are eligible to apply (former or prospective students are not eligible).
- Students must indicate their current academic status, expected graduation date, and affiliation (and campus) on their application.

Application Submission:

By **November 10th, 2025**, interested faculty must submit their proposal online here: https://shprutgers.jotform.com/252645551302148. Seven (7) projects will be selected and posted for student applications by **December 15th, 2025**. Students will apply for proposed projects **December 16th – January 19th** via online application here: https://shprutgers.jotform.com/252644701508152 (available on **December 16th**), and selected students will be interviewed by faculty **February 23rd – March 6th, 2026**. Faculty will propose one undergraduate and one graduate-level student for each selected project. The review committee will make final decisions on student-mentor pairs.

Institutional Review Requirements:

This is an internal application and **does not** require review by the Rutgers Office of Research and Sponsored Programs (ORSP). The application may require approval of the Dean/Chair of the Co-PIs based on school/departmental policy or if the project involves in-kind support.

Application Requirements:

To be considered complete, a **research proposal from faculty** (due **November 10th, 2025**) must contain the following elements:

	Page Limits
Biomedical Informatics and Health AI Summer Internship Application Form	Form online
Project Proposal	1 page total
• Description of summer hands-on project directly related to Biomedical Informatics and Health AI field	
• Preferred skillset for the intern	
• Intern responsibilities and project deliverables	
References	

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PDFs of two (2) recent publications related to the proposed research project	As needed
PI's Biosketch/CV	Up to 5 pages
Facilities and Resources	1 page
Description of how $1,000 in discretionary funds will be used for the proposed project needs	Up to 150 words

When applying for a specific project (link to be provided on **December 16th, 2025**), <u>**students**</u> must provide the following documents:

	Page Limits
Student Summer Internship Application Form	Form online
Anticipated graduation date	Form online
Unofficial transcript	As needed
Short essay describing interests in the project and qualifications	Up to 1 page
CV/Resume	Up to 5 pages
Recommender Email	One required

Font and Margin Requirements: 0.5" margins and Arial 11 Font, single-spaced.

Budget Guidelines:

- $3,000 stipend is for intern salary only. The first payment of $2,000 will be provided at the beginning of the program, and the second payment of $1,000 will be issued upon successful completion of the program and Symposium presentation on **July 31st, 2026**.
- $1,000 faculty discretionary funds can be utilized to support expenses for any internship-related activities that will benefit the intern and the project, and will be administered at the beginning of the program.
- Facilities and Administration costs are not permissible.

Regulatory Approvals:

- If needed, awardees must obtain all regulatory approvals (e.g., IRB, IACUC, or Radiation Safety) and meet all compliance requirements before the internship starts and maintain approvals during the entire length of the award, as necessary.
- The team must keep its IRB approval current and active for the duration of the internship period.

Proposal Review Process:

- Projects will be screened for eligibility and selected for participation by the Review Committee.
- Seven (7) projects will be selected each year and will be confirmed by **December 15th, 2026**.
- Student applications for each project will be open **December 16th, 2025 – January 19th, 2026.**
- Final student selection is due from PIs to the Review Committee on **March 6th, 2026**.
- Final student selection from the Review Committee will be completed by **March 23rd, 2026.**

Questions/Inquiries:

For Inquiries, please email: BMIHAI_Internship@ifh.rutgers.edu