SUMMER RESEARCH INTERNSHIP PROGRAM

RUTGERS
Institute for Health, Health Care
Policy and Aging Research

OVERVIEW

The Rutgers Institute for Health, Health Care Policy, and Aging Research (IFH) Summer Research Internship Program is designed for undergraduate/graduate students interested in public health, biomedical or social science research. This program is a **10-week internship opportunity** for qualified students who would like to gain hands-on, guided and practical experience on a project related to the interdisciplinary areas of research at IFH. While IFH represents a variety of research focuses, candidates interested in health disparities in diverse racial/ethnic populations are encouraged to apply.

Over the course of 10 weeks, you will:
- Gain hands-on research experience working on a research project led by a faculty mentor, meeting with mentors at least once per week
- Receive general mentorship and guidance from your faculty mentor about your research career
- Attend 1-2 in-person gatherings to network with peers and faculty at the Institute for Health in New Brunswick, NJ (TBD)

Participation in this summer internship will begin the week of June 12 and culminate in a final presentation the week of August 21 based on the individual's research project. Participants are welcome to take additional summer classes and/or hold other employment during the program period. The expected time commitment is a <u>minimum of 20 hours per week</u>. A stipend will be provided.

ELIGIBILITY

To be eligible for this summer internship, you must:

1. Be a graduate or undergraduate student in public health, biomedical, social sciences, social work, public policy, health economics, or a related field;
2. Be able to commit to 20+ hours per week

TO APPLY

Please send the following materials to internship@ifh.rutgers.edu by **April 21, 2023**
- Resume or CV
- 1-page cover letter outlining why you are interested in research and which research project you would be the most interested in pursuing during the program *(see 2nd page for options)*

Rutgers Institute for Health, Health Care Policy and Aging Research advances health and well-being through meaningful, rigorous and impactful research in the critical areas of behavioral health, health services, health disparities, health policy, health economics, pharmacoepidemiology, and aging research.

Since its 1985 founding, the Institute has become nationally renowned for interdisciplinary and translational research. The Institute is home to 150 members representing over 30 schools, institutes, and units with adjunct members from 29 national and international universities.

SUMMER RESEARCH INTERNSHIP PROGRAM

RUTGERS
Institute for Health, Health Care
Policy and Aging Research

MENTOR LED RESEARCH EXPERIENCE

Through this program's 10 weeks, all interns will be working alongside an assigned mentor on one their mentor's current projects. Types of responsibilities will vary across projects, depending on intern's previous experience and what is needed to advance the mentor's research. Examples of some of these potential projects are included below. **Applicants should indicate their preferred project in their cover letter.**

1. **Artificial intelligence and machine learning approaches using integrated clinical and multi-omics data to predict cardiovascular disease.**

2. **Students with experience in standard statistical programs will work on secondary data analysis and support manuscript preparation for a large-scale study of cultural and environmental influences on substance use in Black, Latinx, and White youth.**

3. **Focus on the effect of Urban Heat Islands (UHI) on mental and physical health outcomes, as well as racial disparities in the impact of urban heat islands by occupation in New Brunswick and impact of urban heat islands among those with obesity.**

4. **Interns with an interest in aging, end-of-life, and dementia research will collect and analyze data from hospice clinicians and family caregivers of persons living with dementia and develop reports to present algorithm data in formats that are accessible to palliative care clinicians.**

5. **Data analysis and literature review for studies in digital health and neuropsychology, with opportunity to continue after the summer ends. Students with prior statistics and programming skills preferred.**

6. **Support various population health research projects that aim to address health disparities and improve health outcomes. Example projects include conducting a literature review of best practices to improve HPV vaccination rates across the University and participating as study personnel in an IRB-approved research study to improve breast cancer screening adherence among low-acuity emergency department patients. The intern is also invited to attend our Office of Population Health Meetings.**

7. **Examine the differences in NJ's communities with respect to how they responded to the twin crises of the COVID-19 pandemic and opioid use disorder. The project uses an innovative linked dataset from the Institute for Health's Integrated Population Health Database (iPHD), and will combine that with a group of publicly-available datasets describing community-level characteristics within NJ. The student can help collect, organize, and work with those datasets and contribute to researchers' efforts to develop a comprehensive understanding of community-level drivers of health outcomes and health care disparities.**

8. **Assist in conducting NIH-funded and related research studies with a focus on older adults with cognitive impairment, community members, care partners, government officials, and experts. Learn about recruitment, enrollment, data collection and entry, management and preparation for analysis with a focus on older adults with cognitive impairments.**