Public Health Leadership Training at Kennedy Krieger





Public Health Leadership Programs



RISE

MCHC RISE-UP

- □ Educational opportunities are funded by the Centers for Disease Control and Prevention, Office of Minority Health and Health Equity (CDC), Health Resources and Services Administration (HRSA), and the Department of Health and Human Services (DHHS), Office of Minority Health.
 - 1. <u>Dr. James A. Ferguson Emerging Infectious Diseases Research Initiatives</u> for Student Enhancement (Ferguson RISE) Fellowship Program
 - 2. <u>Excellence in Mentorship of UnderRepresented Groups (EMURG) for</u>
 <u>Health Equity Leaders Fellowship</u>
 - 3. <u>Maternal Child Health Careers/Research Initiatives for Student Enhancement Undergraduate Program (MCHC/RISE-UP)</u>
 - 4. <u>Maternal Child Health-Leadership Education, Advocacy, and Research Network (MCH-LEARN)</u>





MCH-LEARN



Educational Topics and Priorities

- ☐ Public health experiences focus on public health challenges and the elimination of health disparities
 - Disabilities
 - ☐ CDC Optimal Opportunities for Prevention to Promote Health
 - ☐ Political and Social Determinants of Health
 - ☐ Infectious Diseases
 - ☐ Advanced Molecular Detection
 - ☐ Waste Water Surveillance
 - ☐ Maternal and Child Health
 - ☐ LGBTQI+ Health
 - ☐ Mental Health and Drug Dependence
 - ☐ Men's Health
 - ☐ Health Policy





What we do!

- ☐ Recruit students annually from underrepresented populations in public health leadership to participate in activities to address ongoing and emerging health challenges and areas of health disparities.
- ☐ Provide didactic interdisciplinary core curricula, externships, and fellowships that incorporate public health competencies to prepare scholars to be leaders in the Public Health field.





What we do!

- ☐ Disseminate information that connects scholars and other professionals to evidence-based practices and new knowledge in the fields of public health.
- ☐ Increase the number of scholars from underrepresented populations in public health leadership who select maternal and child health and public health careers.

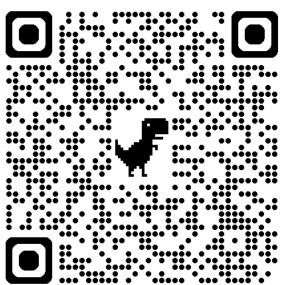




Applications are due January 31st 2025!

**Ferguson 6-Month Fellowship Applications are due *Monday, December 2, 2024*

www.KennedyKrieger.org/CenterforDiversity





Graduate Programs















Dr. James A. Ferguson EID RISE Fellowship

- □ Instituted in 1989 at the CDC/NCID as an eight-week Summer Research Fellowship Program.
- Originally designed for scholars from underrepresented populations in the medical and veterinary fields to explore the broad range of public health career opportunities. Served on NCID's Board of Scientific Counselors.
- □ First partners: Morehouse School of Medicine and Tuskegee University School of Veterinary Medicine
- □ Fourth dean of Tuskegee University's School of Veterinary Medicine and first Tuskegee alumnus to serve in that capacity in 1991. The program was renamed in his honor in 1999.

Ferguson RISE Fellowship Goals

- Promote knowledge of and commitment to careers in public health.
- Focus on graduate students who are underrepresented in medical, dental, veterinary medicine, pharmacy, social science, and public health professions.
- Provide research and clinical experiences to develop critical thinking, leadership skills, scientific presentations and publications.
- Mentor and introduce students to public health fellowships and career opportunities at CDC.





Ferguson RISE Fellowship Dates

- Virtual Mini-Orientation for Ferguson 6-Month Fellows: Saturday, February 1, 2025
- Orientation: Monday, May 26 Friday, May 30, 2025
 - 6-Month Ferguson Fellows presentations will be integrated into the May 2025 Orientation
- RESEARCH Experience:
 - February 3 July 25, 2025 (6-Month)
 - Monday, June 2 Friday, July 25, 2025 (Summer)
 - June 9, 2025 May 22, 2026 (12-Month)
- CDC Showcase and Expo Monday
 - Monday, July 28 Wednesday, July 30, 2025
- Closing Ferguson RISE Summer Research Symposium
 - Thursday, July 31, 2025





Ferguson RISE-6 Month

- Ferguson RISE 6-Month Fellowship: February 3, 2025 July 31, 2025
 Virtual Orientation: Saturday, February 1, 2025
- ☐ In-person Orientation May 26 June 6, 2025
 - □ *Ferguson RISE 6-Month will present preliminary findings during Week 1 Orientation
- Part-time (up to 19 hours/week) or Full-time
- Institutions
 - Centers for Disease Control and Prevention
 - Howard University
 - ☐ Kennedy Krieger Institute/Johns Hopkins University Medical Institutions
 - ☐ Maryland State Health Department
 - Morehouse School of Medicine
 - Rollins School of Public Health at Emory
 - ☐ City University of New York School of Public Health
 - Additional Institutions, Agencies, and Universities are planned
- Peer-reviewed publication

Kennedy Krieger

Ferguson RISE Summer

- ☐ In-person Orientation: Monday May 26, 2025 Friday May 30th, 2025
- □ Research Experiences: Monday, June 2, 2025 Friday, July 25, 2025
- Institutions
 - ☐ Centers for Disease Control and Prevention
 - Kennedy Krieger Institute
 - ☐ Johns Hopkins University Medical Institutions
 - ☐ Maryland State Health Department
 - Morehouse School of Medicine
 - Howard University
 - ☐ Rollins School of Public Health at Emory
 - ☐ City University of New York School of Public Health
 - ☐ Additional Institutions, Agencies, and Universities are planned
- ☐ Research presentation on **July 31** at the CDC
- ☐ Submit research to a national scientific meeting (e.g., American Public Health Association)
- Peer-reviewed publication



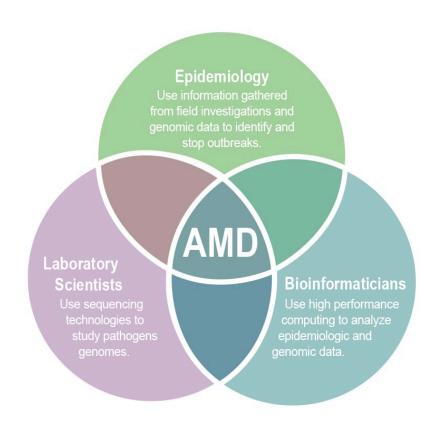
Ferguson RISE-12 Months

- ☐ In-person Orientation May 26, 2025 –June 6, 2025
- ☐ Full-time 12-month Ferguson RISE Fellowship: June 9, 2025-May 23, 2026
- Institutions
 - ☐ Centers for Disease Control and Prevention
 - ☐ Howard University
 - Kennedy Krieger Institute
 - ☐ Johns Hopkins University Medical Institutions
 - ☐ Maryland State Health Department
 - Morehouse School of Medicine
 - ☐ Rollins School of Public Health at Emory
 - ☐ City University of New York School of Public Health
 - ☐ Additional Institutions, Agencies, and Universities are planned
- Peer-reviewed publication



Advanced Molecular Detection and Wastewater Surveillance

- Newly CDC funded focus research areas with the Ferguson Fellowships
- Advanced molecular detection (AMD) integrates traditional epidemiology with next-generation sequencing and bioinformatics to provide detailed information on diseasecausing organisms.
- AMD allows public health agencies across the United States to identify and solve outbreaks that, in the past, would not have been detectable.
- AMD is now central to the U.S. public health system's efforts to identify, track, and stop infectious disease.
- Wastewater surveillance is a method to monitor for pathogens within a community. It involves the systematic sampling, processing, and analysis of wastewater to detect the genetic material of targeted pathogens.







Ferguson RISE Fellowship

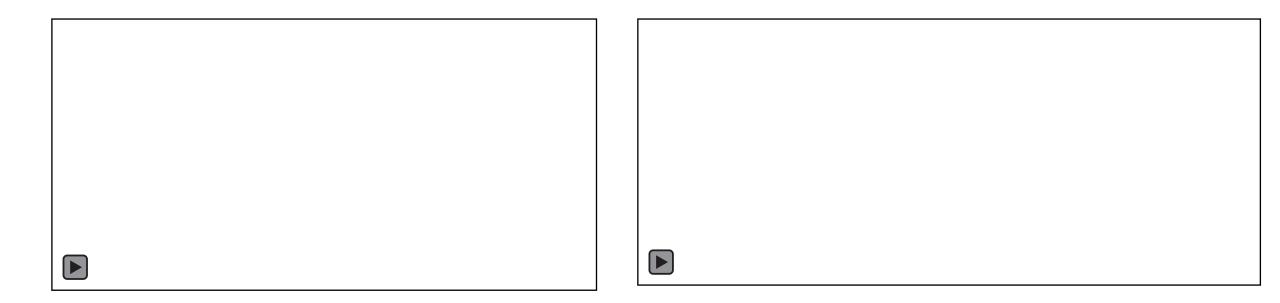
Public Health Training and Career Exploration

- Core Public Health Knowledge
 - Focus on Elimination of Health Disparities
- Infectious Diseases Research Experience
- Research Accountability Groups (RAGS)-
 - Wednesdays- 7:30 AM-11:00 AM (Summer)
 - Thursdays- 8:00 AM-10:00 AM (12-month)
- Weekly Public Health Leaders
- Professional and Research Development through Mentoring
- Abstract Writing
- Presentation Experience
- Peer Reviewed Publications
- Leadership Experience (Near-Peer Mentoring)
- Networking/Employment Opportunities





This is what success looks like...





EMURG for Health Equity Fellowship

- ☐ Funded by the DHHS, Office of Minority Health
- □12-month full time graduate fellowship
- □ 2-week Orientation beginning Monday, May 26, 2025 Friday, June 6, 2025
- ☐ Placement at U.S. Department of Health and Human Services Agencies

Administration for Children and Families	Health Resources and Services Administration
Agency for Healthcare Research and Quality	Indian Health Services
Centers for Disease Control and Prevention	National Institutes of Health
Centers for Medicare and Medicaid Services	Office of Minority Health
Food and Drug Administration	Substance Abuse and Mental Health Services Administration



EMURG for Health Equity Fellowship

□Program Goals:

- 1. Recruit and support up to 10 graduate fellows per year
- 2. Implement a 2-week Orientation and ongoing Public Health and Leadership Seminars
- 3. Disseminate information through DHHS, academic, and national health policy presentations, and peer-reviewed publications
- 4. Increase the number of individuals from underrepresented populations in DHHS who enter the federal public health workforce





EMURG for Health Equity Fellowship

- ☐ Student Criteria
 - ☐ Student in a Master's Degree or Doctoral Program
 - ☐ Grade point average \geq 3.0/4.0 scale
 - ☐ Commitment to reducing health disparities
 - ☐ Interest in leadership career in the federal government
- ☐ EMURG Fellowship Application Opens:
 October 7th, 2024
- ☐ EMURG Fellowship Application Deadline: January 31st, 2025 (11:59 PM EST)

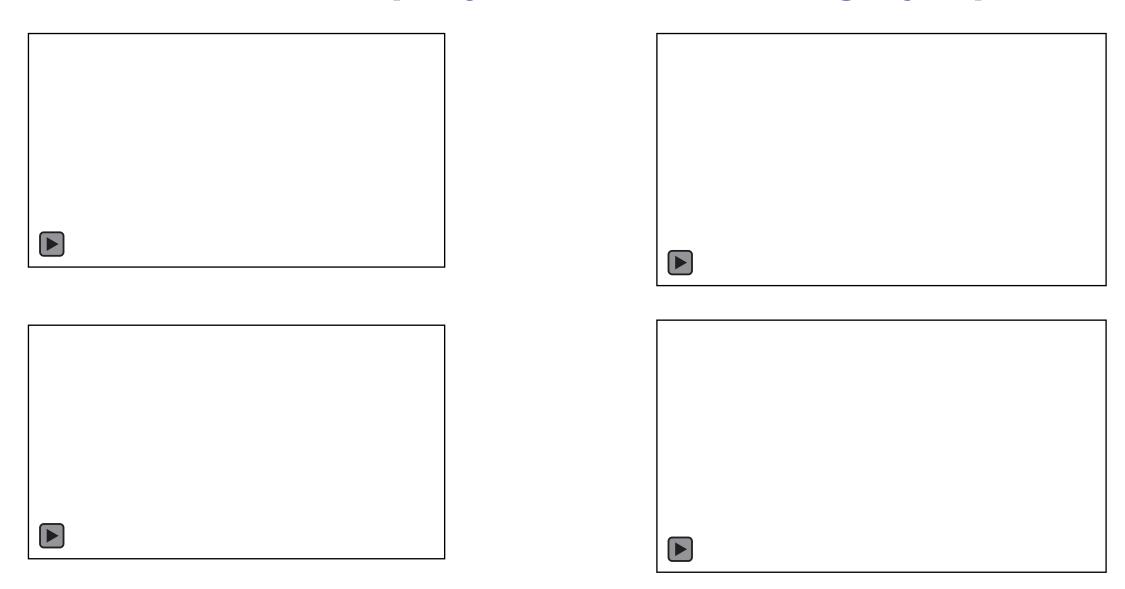
□ Benefits

- ☐ Academic foundation in political and social determinants of health
- ☐ Experience working in the federal government
- ☐ Multi-level culturally congruent mentorship
- ☐ Stipend based on federal rates for academic level
- ☐ Paid housing and transportation expenses
- ☐ Sponsorship to public health conference

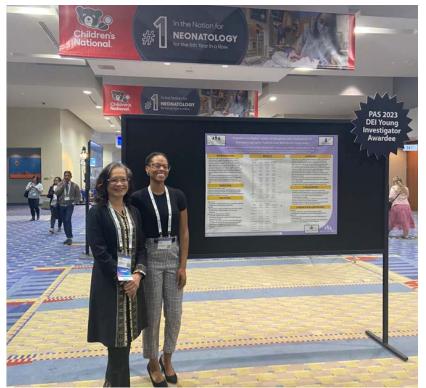




EMURG Health Equity Fellows' Closing Symposium



Undergraduate Programs











Maternal and Child Health Careers/Research Initiatives for Student Enhancement Undergraduate Program (MCHC/RISE-UP)





MCHC-RISE-UP

- Be currently enrolled as a rising junior or senior or received their baccalaureate degree within 12 calendar months of the MCHC/RISE-UP program orientation.
- ☐ Have a cumulative GPA of 2.7 or better on a 4.0 scale.
- ☐ Be a US citizen, US National, Permanent Resident.
- Be able to commit to participate in program activities for the length of the MCHC/RISE-UP.
- ☐ MCHC/RISE-UP Application Opens: October 7th, 2024
- ☐ MCHC/RISE-UP Application Deadline: January 31st, 2025 (11:59 PM EST)





MCHC-RISE-UP

- ☐ Centers for Disease Control and Prevention (CDC) John R. Lewis Undergraduate Public Health Scholars Program
- ☐ Undergraduate juniors and seniors, and baccalaureate degree scholars
- MCHC/RISE-UP Public Health Leadership Experiences:
 - □ Clinical
 - ☐ Community Engagement & Advocacy
 - Research

Four sites:

- ☐ Aaniiih Nakoda College/Fort Belknap, Montana Community/Tribal Colleges and Universities (TCU)
- ☐ Kennedy Krieger Institute Maryland
- ☐ University of California Davis
- University of South Dakota

Campus Housing:

- ☐ Kennedy Krieger Institute
- ☐ University of California Davis
- University of South Dakota













MCHC-RISE-UP

- ■National Consortium of AUCD Member Institutions
 - □Kennedy Krieger Institute/Johns Hopkins Medical Institutions
 - ☐ Historically Black Colleges and Universities
 - ☐ University of South Dakota
 - ☐Tribal Serving Institutions
 - **□**University of California-Davis
 - ■MIND Institute
- □ Aaniiih Nakoda College/Fort Belknap Community



MCHC-RISE-UP Summer 2025

- ☐ All MCHC-RISE-UP Scholars
 - ☐ Orientation In-Person: Monday, May 26, 2025 Friday, May 30, 2025
- □ Public Health Experiences: Monday, June 2, 2025 Friday, July 25, 2025
 - ☐ Aaniiih Nakoda College, Kennedy Krieger Institute, & University of South Dakota
- □ Public Health Experiences: Monday, June 17, 2025 Friday, July 25, 2025
 - ☐ University of California Davis program
- ☐ All scholars participate in the CDC Showcase and Expo on July 28-31, 2025







Maternal and Child Health Leadership Education Advocacy Research Network (MCH-LEARN)







MCH-LEARN

- ☐ Local Baltimore-Washington, DC Undergraduate Freshman and Sophomores
 - No campus housing provided
- ☐ Interested in MCH professions (pediatric medicine, nutrition, social work, nursing, pediatric dentistry, psychology, health education, pediatric occupational/physical therapy, speech language pathology, public health)
- ☐ Grade Point Average: ≥ 3.0 on a 4.0 scale
- ☐ MCH-LEARN Program Application Opens: October 7th, 2024
- ☐ MCH-LEARN Program Application Deadline: Wednesday, January 31st, 2025 (11:59 PM EST)



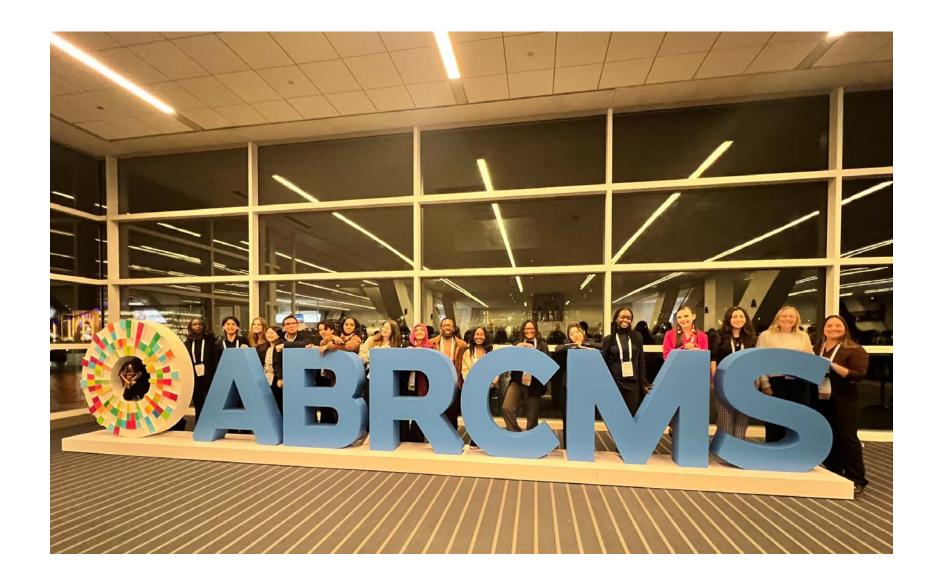


MCH-LEARN Activities

- ☐ Research + Clinical/Community
- ☐ Program Learning Seminars
 - ☐ Health Disparities across the Life Course
 - ☐ Professional Development and Advocacy
 - CDC Optimal Opportunities for Prevention to Promote Health
 - ☐ Public Health Leaders
- ☐ Family as Faculty Program
- Research presentation sponsored at the ABRCMS national conference



Center for Diversity ABRCMS Research Presenters





Mentor Readiness

Enhancing Mentoring





Mentors' Wheel





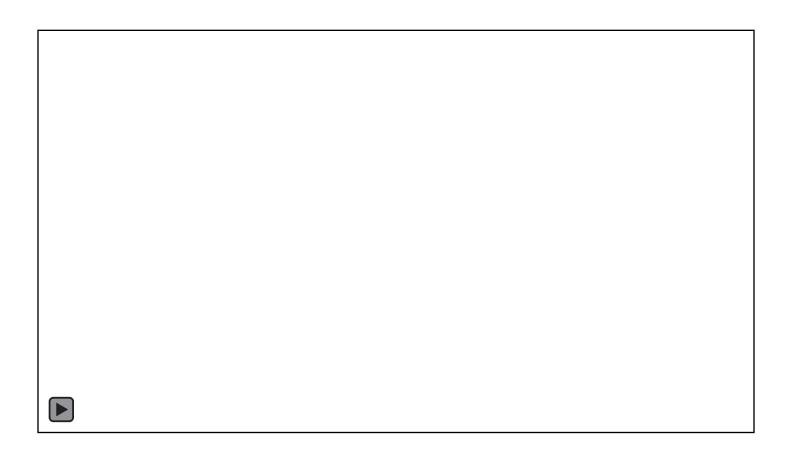
Public Health and Social Sciences-Individual Development Plan (PHaSS-IDP)

https://www.careersinpublichealth.org/





This is what success looks like...







Any Questions?

Center for Diversity in Public Health Leadership Training

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Kennedy Krieger Institute

www.kennedykrieger.org/centerfordiversity

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Center for Diversity





MCHC/RISE-UP, MCH-LEARN, Dr. James A. Ferguson EID RISE Fellowship and EMURG for Health Equity Fellowship @ Kennedy Krieger Institute