

Odia Kane

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PROFESSIONAL PROFILE

Emerging bioethicist studying the development and deployment of digital health technologies with a focus on mitigating health disparities and regulatory policy. Excellent oral, written, and research skills with experience conducting human subjects research, writing and editing research papers, and communicating to diverse stakeholder groups.

TECHNICAL SKILLS

Research: Data collection and analysis, IRB CITI Training for Human Subjects Research, qualitative interviews, media content analysis,

Coding: G-Suite, STATA, R, Qualtrics, ATLAS.ti, and MS Office Suite

Leadership and organization: Experienced lead project manager, skilled strategic planning and project implementation, adept at establishing new task forces, skilled at

Communication and Writing: Diverse writing experience for academic research, press releases for digital newspaper, newsletter creation, interviews, and policy writing.

EDUCATION

PhD in Health Policy and Management, Bioethics concentration May 2025

Johns Hopkins University, Baltimore, MD
Agency for Healthcare Research and Quality Trainee
Hastings Center Sadler Scholar (2024-25)

Master of Public Health May 2020

University of Connecticut, Farmington, Conn.
Kane, Odia, "The Denial of Black Victimhood: Examining Attitudes of Sexual Assault and Victim-Blaming on a College Campus, A Continued Analysis" (2020). Master's Theses. 1507.
https://opencommons.uconn.edu/gs_theses/1507

Bachelor of Arts in Cognitive Science and Political Science May 2019

University of Connecticut, Storrs, Conn.
Valedictorian, Phi Beta Kappa

CERTIFICATIONS

Graduate Certificate in Public Health Informatics Dec. 2023

Johns Hopkins University, Baltimore, MD

RESEARCH PROJECTS

"A Case Study of the Reykjavik Better City for Children Initiative" March 2023- Present

Bloomberg Center for Innovation

Role: Research Assistant

This case study focuses on the development of the School Support Services Program, a new digitized social service organization tool for primary school students in the Reykjavik, Iceland.

"Advancing Health Equity in AI/ML in Health Regulation and Policy" Nov. 2021- Sept. 2022

The Pew Charitable Trusts

Role: Research Assistant

This study examines how Federal Drug Administration (FDA)-authorized artificial intelligence (AI) tools might (re)produce racial disparities and limit health equity, researches the landscape of national activities on AI and health equity, and identifies how input from organizations that focus on racial and ethnic minority disparities could inform policy development and regulatory guidance for AI tools in medicine.

PUBLICATIONS

1. **Kane, O., & Ferryman, K. (2023).** Applying the Ethical Data Practices Framework to Digital Therapeutics. *The American Journal of Bioethics*, 23(11), 53-56.

RESEARCH EXPERIENCE

Research Assistant| Johns Hopkins University, Baltimore, MD March 2023- Present
Bloomberg Center for Public Innovation

Center for Digital Health and Artificial Intelligence

- Produce literature reviews, conduct interviews and written materials for case study on new digital social service implementation in Reykjavik, Iceland.

Research Assistant| Johns Hopkins University, Baltimore, MD Dec. 2021- Present
“Advancing Health Equity in AI/ML in Health Regulation and Policy” Study

- Assists in writing and revising of IRB for human-subjects research on digital health technologies.
- Conducts semi-structured interviews with up to 30 research participants from national health organizations.
- Manage and code text from interviews on ATLAS.ti for qualitative analysis.

Business Lead, 1st Place Pitch| Johns Hopkins University, Baltimore, MD Jan. 2023-May 2023
Johns Hopkins Medicine Technology Innovation Center/Johns Hopkins Technology Ventures

Excited for Healthcare (HEXCITE) Pre-Accelerator Program and Pitch Competition

- Directed team of four in the development business canvas model, coordination stakeholder research, and ensuring timely progress for a digital health solution.

Graduate Assistant| Johns Hopkins University, Baltimore, MD Dec. 2022- May 2023
Center for Digital Health and Artificial Intelligence

- Produce literature reviews, surveys, and necessary materials for research projects.
- Manage the repository of federal policies and regulations related to digital health technologies.
- Develop and present project materials to grant funders.

POLICY EXPERIENCE

Policy Research Fellow| Ovarian Cancer Research Alliance Washington, DC July 2020- July 2021

- Managed and facilitated establishment of the Health Equities Task Force.
- Represented interests of over 50 ovarian cancer survivors through coalition collaborations and direct correspondence with over 40 Congress-member offices.
- Created and disseminated a Qualtrics survey to capture telehealth care experience during COVID-19 pandemic of over 40 ovarian cancer patients.

WORK EXPERIENCE

Independent Consultant| Sage Bionetworks, Seattle, WA June 2023-Present

- Facilitated Community Engagement Studios with seven community members to discuss how biorepository research processes could better meet the needs of the Black community as part of a research project funded by the Robert Wood Johnson Foundation.
- Collaborated with academic researchers to synthesize findings from Community Engagement Studios to develop toolkits, guides, and other resources for adequate community engagement for Institutional Review Boards.

Writing Tutor | Johns Hopkins University, Baltimore, MD Sept. 2023- Aug 2024
Bloomberg School of Public Health Writing Center

- Conducted 50-minute tutoring sessions to 4-6 students per week across all disciplines and language acquisition status to support personal and academic writing.

Author | **American Association for the Advancement of Science** March 2023- Dec. 2023

- Worked with six other subject matter experts and the American Association for the Advancement of Science’s Center for Scientific Responsibility and Justice (SRJ) to curate two online training modules on human rights, scientific responsibility, and algorithmic discrimination for artificial intelligence (AI) developers at mid-sized companies.

Program Assistant | New Haven Promise, New Haven, CT June 2015- June 2020

- Coordinated three Internship Fairs for 400 attendees and facilitated over 100 internship placements.
- Instructed over 100 students in 10+ professional development workshops.
- Fulfilled daily administrative tasks managing correspondence between students, potential partners, and media.

Writing Tutor | University of Connecticut, Storrs, CT Aug. 2016- May 2020
Writing Center

- Conducted 45-minute tutoring sessions to 8-12 students per week across all disciplines and language acquisition status in regard to their personal and academic writing.

Graduate Assistant | University of Connecticut, Storrs, CT Aug. 2019-May 2020
African American Cultural Center

- Led and facilitated bi-monthly book club meetings conducted through the cultural center.
- Serviced over 100 students enrolled in Preparing African American Students for Success course through advisory meetings, a weekly class, and mentorship.
- Assisted in the instruction and grading of Introduction to Diversity Studies in American Culture and adapted class materials to online software upon campus closure due to the COVID-19 pandemic.

Research Assistant | **Yale University**, New Haven, CT May 2018-May 2019
Yale Center for Emotional Intelligence

- Constructed the data collection process for a Media Content Analysis of newspapers over a 20-year span, analyzed data for a nationally conducted epidemiological study of teacher wellness, and continued work on three research projects.

TEACHING ASSISTANT EXPERIENCE

Johns Hopkins Bloomberg School of Public Health

Introduction to the U.S. Healthcare System, Spring 2024

Social Policy for Vulnerable Populations in the U.S., Spring 2024

Health Impact Assessment, Spring 2024
Race and Bioethics, Spring 2024
Research Ethics and Integrity, Spring 2024
Effective Writing for Public Health Change, Winter 2023
Ethical Issues in Public Health, Fall 2023
Population Health Informatics, Fall 2023
Seminar in Health Disparities, Fall 2023
Introduction to the U.S. Healthcare System, Fall 2023
Public Health Policy, Summer 2023
Effective Writing for Public Health Change, Summer Institute 2023
Research Ethics and Integrity, Spring 2023
Health Impact Assessment, Spring 2023
The Media and the Message: What Public Health Needs to Know About the News, Fall 2022
Ethical Issues in Public Health, Fall 2022
Public Health Policy, Summer 2022
Introduction to U.S. Pharmaceutical Policy, Spring 2022
Bioethics and the Law, Spring 2022
Professional Development: Writing for Results, Spring 2022
Housing Insecurity and Health, Spring 2022

University of Connecticut

Introduction to Diversity Studies in American Culture, Spring 2020
Preparing African American Students to Sustain Success, Fall 2019
Introduction to Public Health, Fall 2019
Introduction to Academic Writing, Fall 2018
Introduction to Academic Writing, Fall 2017

INVITED SEMINARS

Harris, T., **Kane, O** (Co-Facilitator), Anthony, A., Turner Lee, N., Mohan, N. (2024, July 12)
“Algorithmic Justice, Bias & Inclusive Participation,” American Association for the Advancement of
Science (AAAS) Science & Technology Policy Forum, Washington, DC

Kane, O. (2024, July 9) “Messages and Manipulation: The Ethics of Public Health Media,” Pre-College
Summer Program, Brown University, Virtual

Ferryman, K. & **Kane, O.** (2023, March 31) “Data (Re)Makes the World,” Information Society Project,
Yale Law School, New Haven, CT

Ferryman, K. & **Kane, O.** (2023, March 23) “Spilling The Tea/Stilling the Ocean,” THiCC Lab @ Penn
State, The Digital Interests Lab @ NYU and Logic(s) Magazine/Columbia University, State College, PA

CONFERENCE PAPERS AND PRESENTATIONS

Doerr, M., **Kane, O.**, Meeder, S. (2024, November 18-20) *Group Harm: A Toolkit for Researchers, IRBs,
and Data Access Committees*, Seattle, Washington, United States

- Kane, O. (2024, September 17-21) *Ethical Frameworks and Digital Therapeutics* American Society for Bioethics and Humanities, St. Louis, Missouri, United States
- Kane O., Fernando N., Payne, M. (2024, March 22) *Our Local is Global: The Development of a Public Health Graduate Writing Center*, Mid-Atlantic Writing Center Association, George Mason University, Virginia, United States
- Kane, O. (2023, November 8-11) *For Fear of the Period Police: Femtech Use in Post-Roe United States* Society for Social Studies of Science (4S), Honolulu, Hawai'i United States
- Kane, O. (2023, April 11-14) *For Fear of the Period Police: Femtech Use in Post-Roe United States* 29th Annual Agency for Healthcare Research and Quality (AHRQ) NRSA Trainees Research Conference, Virtual, United States
- Petroj, V. & Kane O. (2023, March 3-4) *Crosslinguistic Influence (CLI) in Multilingual Writing*, Mid-Atlantic Writing Centers Association, Bryn Mawr, Pennsylvania
- Kane, O. (2020, April 16-19) *The Denial of Black Victimhood: Examining Attitudes of Sexual Assault and Victim-Blaming on a College Campus, A Continued Analysis [Groups and Identities]*, Midwestern Political Science Association, Chicago, Illinois United States.
<https://convention2.allacademic.com/one/mpsa/mpsa20/>. (Conference Cancelled Due to COVID-19)
- Grant, K., Kane, O., O'Hara, E. (2020, April 4-5) *Writing Through Discomfort: Effective Tutoring of Complaints and Grievances [Workshop]*, New England Writing Center Association, Durham, New Hampshire, United States. <https://convention2.allacademic.com/one/mpsa/mpsa20/>. (Conference Cancelled Due to COVID-19)
- Kane, O. (2020, January 9-12) *The Denial of Black Victimhood: Examining Attitudes of Sexual Assault and Victim-Blaming on a College Campus [Reexamining the Role of Violence in Politics]*, Southern Political Science Association, San Juan, Puerto Rico, United States. <https://spsa.net/wp-content/uploads/2020/01/SPSA-2020-Preliminary-Program-6.0.pdf>
- Kane, O. (2019, October 21) *The Denial of Black Victimhood: Examining Attitudes of Sexual Assault and Victim-Blaming on a College Campus*, Connecticut Public Health Association, Plainville, Connecticut, United States.
- Kane, O. (2019, September 27) *Tutoring Across Differences*, 12th Annual Secondary School Writing Centers Conference, Storrs, Connecticut, United States. <https://writingcenter.uconn.edu/wp-content/uploads/sites/593/2019/09/2019-Conference-breakout-session-descriptions.pdf>
- Kane, O. (2019, March 13-17) *The Denial of Black Victimhood: Examining Attitudes of Sexual Assault and Victim-Blaming on a College Campus*, National Conference of Black Political Scientists, Baton Rouge, Louisiana, United States.
- Kane, O. & Reynado K. (2018, March 24-25) *Assessing Our Practice: A Writing Center Fellow-To-Fellow Support System*, New England Writing Center Association, College of Holy Cross, Worcester, Massachusetts, United States. <https://newcasite.files.wordpress.com/2018/03/newca-2018-conference-program.pdf>

Awards

- *Victor P. Raymond Memorial Endowment Award* (2024), Department of Health Policy and Management, \$7,500
- *Excellence in U.S. Public Health Practice* (2024), Johns Hopkins Bloomberg School of Public Health
- *Outstanding Achiever Award* (2024), Johns Hopkins University Experiential Learning
- *BSPH Student and Trainee Impact Award* (2023), Johns Hopkins Institute for Health and Social Policy, \$7,950
- *National Research Service Award* (2021), United States Agency for Healthcare Research and Quality
- *Wood-Raith Research Fellowship*, (2019), University of Connecticut, \$4,000
- *100 Years of Women Scholarship* (2019), University of Connecticut Women Center, \$2000
- *Student Organization Advocacy Award* (2017), University of Connecticut, \$250 Scholarship
- *Leadership Legacy* (2017 Cohort); University of Connecticut
- *Women of Innovation Award* (2015); Connecticut Technology Council
- *40 Women for the Next 40 Years* (2014); Connecticut Women's Education and Legal Fund

LEADERSHIP

Co-Chair| Johns Hopkins University, Baltimore, MD Aug. 2021-May 2022

Student Coordinating Committee, Department of Health Policy and Management

- Coordinates meetings with the Department Chair to advocate the needs of 40 PhD students.
- Led and organized seven officers to plan eight social activities, academic enrichment, and professional development events

VOLUNTEER RESEARCH EXPERIENCES

Public Health Researcher| Bridgeport, CT July 2019- April 2020

Level Up Fitness

Used critical research and writing skills to develop a health index of two communities (Bridgeport and Stratford) the gym services used to create community health-centered programs that cater to the residents.

The research experience concluded with three program proposals that are expected to be implemented once the gym reaches 501(c)(3) status.

Graduate Fellow| New York, NY December 2019-March 2020

ATOP Meaningful World at the United Nations

Developed weekly presentation materials and represent the organization's principles and issue stances to ambassadors and delegates at the United Nations.

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

Hastings Center Sadler Scholar (2024-25), Delta Omega (2020), Phi Beta Kappa Honor Society (2019), Pi Sigma Alpha Honor Society (2019), Connecticut Public Health Association (2019), Alpha Lambda Delta Honor Society (2016)