

DANIEL P. HALL RIGGINS, MD, MPH



EMPLOYMENT

Current
|
2023

- **Post-Doctoral Fellow in Public Health Informatics**
Regenstrief Institute 📍 Indianapolis, IN
 - Conduct informatics research on topics related to maternal child health

2023
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2021

- **Preventive Medicine Fellowship**
Cook County Health 📍 Chicago, IL
 - Board Eligible, Exam Date TBD

2021
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2018

- **Categorical Pediatrics Residency**
Indiana University School of Medicine 📍 Indianapolis, IN
 - Certified by the American Board of Pediatrics as of Oct 2023

2014
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2012

- **ORISE Post-Baccalaureate Fellow**
Food and Drug Administration 📍 Bethesda, MD
 - Worked as research assistant in bacterial genetics laboratory



EDUCATION

2023
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2021

- **Master of Public Health**
Northwestern University Feinberg School of Medicine 📍 Chicago, IL

2018
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2014

- **Medical Doctorate**
Albert Einstein College of Medicine 📍 Bronx, NY

2012
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2008

- **Bachelor of Arts in Molecular Biology**
Kenyon College 📍 Gambier, OH



HONORS AND AWARDS

2022

- **First Place Oral Presentation for Institutional Research Day**
Cook County Health

2018

- **Distinction in Research in Clinical Investigation**
Albert Einstein College of Medicine

CONTACT

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🐦 [Twitter](#)

🏛️ [Orcid](#)

🐙 [Github](#)

in [LinkedIn](#)

Made with the R packages
[{pagedown}](#) and [{datadrivencv}](#)

Source code available on [github](#)

Last updated on 2024-01-19

- 2016 • **Student Scholarship**
Academic & Health Policy Conference on Correctional Health
- 2015 • **David E. Rogers Student Fellowship Award**
New York Academy of Medicine
- 2014 • **Jeffrey Schulman Memorial Scholarship**
Albert Einstein College of Medicine
- 2012 • **Robert Bowen Brown Jr. Prize for Excellence in Biological Research**
Kenyon College



JOURNAL PUBLICATIONS

- 2023 • **Using Social Vulnerability Indices to Predict Priority Areas for Prevention of Sudden Unexpected Infant Death in Cook County, IL: Cross-Sectional Study**
Manuscript in Review at JMIR Public Health and Surveillance
• Riggins, D.P., Zhang, H., & Trick, W.E.
• Preprint: [23/05/2023:48825](#)
- 2019 • **Corynebacterium pseudodiphtheriticum Exploits Staphylococcus aureus Virulence Components in a Novel Polymicrobial Defense Strategy**
mBio
• Hardy, B.L., Dickey, S.W., Plaut, R.D., Riggins, D.P., Stibitz, S., Otto, M., Merrell, D.S.
• DOI: [10.1128/mbio.02491-18](#)
- 2017 • **Staphylococcus aureus Epicutaneous Exposure Drives Skin Inflammation via IL-36-Mediated T Cell Responses**
Cell Host & Microbe
• Liu, H., Archer, N.K., Dillen, C.A., Wang, Y., Ashbaugh, A.G., Ortines, R.V., Kao, T., Lee, S.K., Cai, S.S., Miller, R.J., Marchitto, M.C., Zhang, E., Riggins, D.P., Plaut, R.D., Stibitz, S., Geha, R.S., Miller, L.S.
• DOI: [10.1016/j.chom.2017.10.006](#)
- 2017 • **Recent incarceration and buprenorphine maintenance treatment outcomes among human immunodeficiency virus-positive patients**
Substance Abuse
• Riggins, D.P., Cunningham, C.O., Ning, Y., & Fox, A.D.
• DOI: [10.1080/08897077.2016.1220443](#)

2013 • **Escherichia coli K-12 Survives Anaerobic Exposure at pH 2 without RpoS, Gad, or Hydrogenases, but Shows Sensitivity to Autoclaved Broth Products**

PLoS ONE

- Riggins, D.P., Narvaez, M.J., Martinez, K.A., Harden, M.M., & Slonczewski J.L.
- DOI: [10.1371/journal.pone.0056796](https://doi.org/10.1371/journal.pone.0056796)

2010 • **Hydrogenase-3 Contributes to Anaerobic Acid Resistance of Escherichia coli**

PLoS ONE

- Noguchi, K., Riggins, D.P., Eldahan, K.C., Kitko, R.D., & Slonczewski, J.L.
- DOI: [10.1371/journal.pone.0010132](https://doi.org/10.1371/journal.pone.0010132)

Q SELECTED PROJECTS

Current
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2023 • **Improving Health Communication for Early Childhood Educators**
Indiana University School of Medicine  Indianapolis, IN

- Mentor: [Jack Turman](#)
- Description: Developing preventive and reactive communication strategies for early childhood educators to ease communication with parents when their children are ill and need to stay home
- Output: None, currently in early implementation phase

Current
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2023 • **Research Impact of Regenstrief Data Repositories**
Regenstrief Institute  Indianapolis, IN

- Mentor: [Brian Dixon](#)
- Description: Led literature review assessing all research utilizing data derived from the institute's electronic health record repositories like the Indiana Network for Patient Care
- Output: Preliminary internal report, currently in data collection phase

Current
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2023 • **Longitudinal Health Surveillance of Mother-Infant Pairs**
Regenstrief Institute  Indianapolis, IN

- Mentor: [Brian Dixon](#)
- Description: Provided pediatric expertise to the Indiana team collaborating with the CDC on electronic health surveillance for Mother-Infant pairs affected by opioid use, stillbirth, or syphilis
- Output: None, currently in early implementation phase

2023
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2021 • **Mapping and Predicting Sudden Infant Death**
Cook County Health  Chicago, IL

- Mentor: [Bill Trick](#)
- Description: Developing models of the geographic distribution of Sudden Infant Death Syndrome-related deaths in Cook County, IL
- Output: Manuscript under review; Oral presentations to Cook County Health, Chicago Dept of Public Health, and Northwestern University

2023
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2022

● Wastewater Surveillance of SARS-CoV-2

Cook County Department of Public Health

📍 Chicago, IL

- Mentor: [Kelley Bemis](#)
- Description: Modeling early warning for surges in COVID-19 hospitalization from viral particle burden in local wastewater samples
- Output: Poster presentation for MPH thesis and internal reports

2023
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2022

● Isolation/Quarantine for People Experiencing Homelessness

Cook County Department of Public Health

📍 Chicago, IL

- Supervisor: [Kiran Joshi](#)
- Description: Developing protocols for provision of housing for people needing infectious isolation who do not have preexisting options
- Output: Internal protocols

2022
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2021

● Recovery Home Coordinated Capacity Project

Cook County Health

📍 Chicago, IL

- Mentor: [Juleigh Nowinski-Konchak](#)
- Description: Acted as interim program manager for an intervention using navigators and capacity management software to improve the experience for clients seeking placement at substance use recovery homes
- Output: [Abstract](#) submitted to [54th ASAM Annual Conference](#)

2022
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2021

● Evaluation of the RISE Center

Cook County Health

📍 Oak Park, IL

- Mentor: [Keiki Hinami](#)
- Description: Generated descriptive statistics and an analysis of healthcare utilization for patients at CCH's medical respite center serving people experiencing homelessness
- Output: [White paper](#)

2022

● Geospatial Network Analysis of Homicide Data

Northwestern University Feinberg School of Medicine

📍 Chicago, IL

- Instructor: [Denise M. Scholtens](#)
- Description: Visualized how zip codes of residence and incidence relate to each other in cases of homicide
- Output: [Report](#)

2022


● Grant Review for "Building Healthy Communities"

Cook County Department of Public Health


📍 Chicago, IL

- Supervisor: [Jennifer Brothers](#)
- Description: Reviewed and scored grant applications from community-based organizations for funding to support positive youth development
- Output: Internal score forms, my three top-scoring reviews all received funding of \$250k - \$1M

2021
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2020

- **Community Survey of the Indiana Avenue Cultural District**
Indiana University School of Medicine  Indianapolis, IN
 - Mentor: [Tracey Wilkinson](#)
 - Description: Developed a survey that investigated local residents' vision for the central historic neighborhood of the Black community in Indianapolis
 - Output: [IRB Protocol](#) and the [survey itself](#)


2016
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2015

- **Incarceration and Buprenorphine Therapy**
Albert Einstein College of Medicine  Bronx, NY
 - Mentor: [Aaron D. Fox, M.D.](#)
 - Description: Analyzed how recent incarceration affected outcomes of buprenorphine replacement therapy for a cohort of patients receiving integrated treatment for HIV and opioid use disorder
 - Outputs: [Two presentations](#), first authorship on [journal publication](#), and research award from my medical school




SELECTED PRESENTATIONS

2016

- **The relationship between incarceration and retention in opioid maintenance treatment ([slides](#))**
9th Academic and Health Policy Conference on Correctional Health  Baltimore, MD
 - Riggins, D.P., Fox, A.D.


2012

- **pH Regulation Differs Under Low Oxygen Conditions in E. Coli ([poster](#))**
112th General Meeting of the American Society for Microbiology  San Francisco, CA
 - Riggins, D.P., Martinez, K, Slonczewski, J.L.




SELECTED EXTRACURRICULARS

Current
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2023

- **Reviewer**
Fetal/Infant Mortality Review Team  Indianapolis, IN
 - Collaboratively review cases of fetal/infant death and validate case abstraction data
 - Collaboratively formulate recommendations for system improvement to support pregnant people, caregivers, and infants

Current
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2024

- **Committee Member**
Perinatal Genetics and Genomics Advisory Committee, Indiana Department of Health  Indianapolis, IN
 - Provide expertise to guide activities of the IDOH Genomics and Newborn Screening Program

2022
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2020

Volunteer

VOICES

📍 Indianapolis, IN

- Chaperoned systems-involved youth on a college visit
- Mentored youth leadership fellows on an advocacy project regarding housing/homelessness

2018
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2014

Clinical Volunteer

Einstein Community Health Outreach Clinic

📍 Bronx, NY

- Completed 15 clinical sessions at Einstein's student-run free clinic for uninsured/undocumented patients
- During clinical years (3-4), provided primary care encounters for patients, ran back-of-house operations like laboratory/consult follow-up, and coordinated clinical flow
- During pre-clinical years (1-2), performed chart review for information on quality measures as well as initial patient intake and triage

2018
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2014

Board Member

Einstein NICU Cuddling Club

📍 Bronx, NY

- Acted as board member for 2015-2016 academic year, coordinating training and scheduling for program volunteers
- Personally provided 16 hours of supportive human touch for neonates in the Montefiore neonatal intensive care unit

2016
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2014

Board Member

Einstein Social Medicine Lecture Series

📍 Bronx, NY

- Coordinated lectures delivered by invited speakers on the following topics: healthcare for refugees, ethics of lethal injection, correctional health, and social implications of antimicrobial resistance

2014
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2012

Board Member

Health Education Outreach Program

📍 Bethesda, MD

- Personally taught 10 health lessons at homeless shelters in the Maryland suburbs of Washington D.C.
- As board member, helped with recruiting, training, and development of [organization web site](#)
- As head teacher, coordinated scheduling, [wrote/edited content](#), and assigned responsibilities for a group of 5 teachers



PERSONAL INTERESTS

Bicycling

For my commute, recreationally, and as an avenue for advocacy

Citizen Science

Like the iNaturalist project

Gardening

I have a rain garden that serves as pollinator habitat



Mapping

Especially with the free OpenStreetMap project



Open Source

Especially projects in the R language