

DANIEL P. HALL RIGGINS, MD, MPH



EMPLOYMENT

Current
|
2023

- **Post-Doctoral Fellow in Public Health Informatics**
Regenstrief Institute 📍 Indianapolis, IN
 - Conducted informatics research on topics related to infant mortality and early childhood education

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
 - Board Eligible, Exam Date 10/12/23

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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🌐 danielriggins.com

🐦 [Twitter](#)

🏛️ [Orcid](#)

🐙 [Github](#)

in [LinkedIn](#)

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

Source code available on [github](#)

Last updated on 2023-07-25

- 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

● **Data and Curricular Support for Indiana-Based Early Childhood Educators**

Indiana University School of Medicine

📍 Indianapolis, IN

- Mentor: [Jack Turman](#)
- Description: In early stages of helping the Grassroots Maternal and Child Health Initiative identify developmental outcome disparities in high-need zip codes of Fort Wayne, IN
- Output: None, early in project cycle

2023
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2021

● **Child Safety Forward**

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 Oak Park Medical Respite 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
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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

- 2021
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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
- 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 over 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