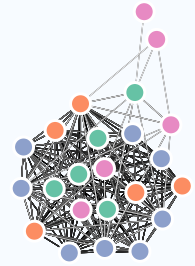


# DANIEL P. HALL RIGGINS, MD



## EDUCATION

- Current | 2021 • **Preventive Medicine Fellowship**  
Cook County Health  Chicago, IL
- Current | 2021 • **Master of Public Health**  
Northwestern University Feinberg School of Medicine  Chicago, IL
- 2021 | 2018 • **Categorical Pediatrics Residency**  
Indiana University School of Medicine  Indianapolis, IN
- 2018 | 2014 • **Medical Doctorate**  
Albert Einstein College of Medicine  Bronx, NY
- 2012 | 2008 • **Bachelor of Arts in Molecular Biology**  
Kenyon College  Gambier, OH

## HONORS AND AWARDS

- 2018 • **Edie Moore Student Travel Scholarship**  
Annual Meeting of the Society for Adolescent Health and Medicine
- 2018 • **Distinction in Research in Clinical Investigation**  
Albert Einstein College of Medicine
- 2016 • **Student Scholarship**  
Academic & Health Policy Conference on Correctional Health
- 2015 • **Robert Bowen Brown Jr. Prize for Excellence in Biological Research**  
New York Academy of Medicine
- 2014 • **Jeffrey Schulman Memorial Scholarship**  
Albert Einstein College of Medicine
- 2012 • **High Honors on Research Thesis**  
Kenyon College
- 2012 • **Robert Bowen Brown Jr. Prize for Excellence in Biological Research**  
Kenyon College
- 2011 • **Distinction on Senior Compositions**  
Kenyon College

## CONTACT



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[danielriggins.com](http://danielriggins.com)



[Twitter](#)



[Orcid](#)



[Github](#)



[LinkedIn](#)



[Keybase](#)

View this [CV online](#)

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

Source code available on [github](#)

Last updated on 2022-02-17



## PROJECT WORK

Present  
|  
2021



### **Cook County Recovery Home Coordinated Capacity Project**

Cook County Health

📍 Chicago, IL

- Mentor: [Juleigh Nowinski-Konchak](#)
- Description: Acting as 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: None (pilot of project still in progress)

Present  
|  
2021



### **Evaluation of the Oak Park Medical Respite Center**

Cook County Health

📍 Oak Park, IL

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

Present  
|  
2021



### **Project CHLD**

Cook County Health

📍 Chicago, IL

- Mentor: [Bill Trick](#)
- Description: Developing predictive models of the geographic distribution of Sudden Infant Death Syndrome-related deaths in Cook County, IL
- Output: None (analysis in progress)

2021  
|  
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](#)

2020  
|  
2018



### **Road Injury Safety in Indianapolis**

Indiana University School of Medicine

📍 Indianapolis, IN

- Mentors: [Randy Grout](#), [Sarah Wiehe](#)
- Description: Performed [geospatial visualization](#) and [hot-spot analysis](#) regarding pedestrian crashes around the Indianapolis Metropolitan area
- Output: Open access reports as above

2018  
|  
2017



### Adolescent Enuresis

Albert Einstein College of Medicine

📍 Bronx, NY

- Mentor: [Jessica Rieder, M.D., M.S.](#)
- Description: Coordinated recruiting and performed data analysis for a survey investigating the rate of enuresis in the Montefiore teen population and related factors
- Output: Research [poster](#)

2016  
|  
2015



### Incarceration and Buprenorphine Therapy

Albert Einstein College of Medicine

📍 Bronx, NY

- Mentor: [Aaron D. Fox, M.D.](#)
- Description: Directed a post-hoc analysis of a cohort of patients receiving integrated treatment for HIV and opioid use disorder; the study asked how recent incarceration affected outcomes for buprenorphine replacement therapy
- Outputs: [Two presentations](#), first authorship on [journal publication](#), and research award from my medical school

2014  
|  
2012



### *Staphylococcal* Genetics

Food and Drug Administration, Center for Biologics Evaluation and Research

📍 Bethesda, MD

- Mentors: Roger D. Plaut, Ph.D. and [Scott Stibitz, Ph.D.](#)
- Description: As in [employment section](#)
- Outputs: Authorship on [two papers](#)

2013  
|  
2008



### Acid Survival of *E. coli*

Kenyon College

📍 Gambier, OH

- Mentor: [Joan L. Slonczewski, Ph.D.](#)
- Description: Led a project investigating how anaerobic conditions affect the acid survival response in *E. coli*
- Outputs: [Honors thesis](#), [poster presentation](#), [two papers](#) with first authorship on the second one, and research award from my undergraduate college



## JOURNAL PUBLICATIONS

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<sup>7</sup>](#)

- 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<sup>2</sup>
- 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<sup>3</sup>
- 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<sup>4</sup>
- 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<sup>5</sup>



## PRESENTATIONS

- 2021 ● **Indiana Ave Community Survey ([slides](#))**  
Senior Presentation for Pediatrics Residency at Indiana University School of Medicine
- 📍 Indianapolis, IN
- Riggins, D.P.
- 2019 ● **Obesity in Urban Youth: Connection to Enuresis ([poster](#))**  
Pediatric Academic Societies Meeting
- 📍 Baltimore, MD
- Gross, M., Riggins, D.P., Sims, C., Foreman, O., Rieder, J.
- 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.

- 2015

● **The relationship between incarceration and opioid addiction treatment (slides)**

New York Academy of Medicine's Medical Student Forum

📍 New York City, NY

• 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.
- 2012

● **The Effects of Anoxic Conditions on the Extreme-Acid Survival of Escherichia coli (slides)**

Kenyon College Biology Honors Student Presentations

📍 Gambier, OH

• Riggins, Slonczewski, J.L.



## EMPLOYMENT

- 2017  
|  
2017

● **Cabin Counselor**

Zebra Crossings

📍 Tuftonboro, NH

  - Worked at Camp Spinnaker, a week-long overnight camp organized by Zebra Crossings for children ages 8-12 with asthma
  - Directly supervised eight boys in activities including hikes, boating, ropes courses, asthma education, and self-reflection
- 2014  
|  
2012

● **Postbaccalaureate Fellow**

Food and Drug Administration

📍 Bethesda, MD

  - Worked as research assistant in vaccine research laboratory
  - Designed, cloned, and expressed several markerless insertion/deletion mutations in Staphylococcus
  - Generated large pool of Staphylococcus mutants via transposon mutagenesis
  - Developed prospective in vitro model of Staphylococcus/influenza co-infection in human lung cells
- 2012  
|  
2010

● **Helpline Consultant**

Kenyon College, Library and Information Services

📍 Gambier, OH

  - Offered technical support for computer, software, audio/visual, and printing services
- 2010  
|  
2010

● **Quality Control Intern**

Cook Pharmica

📍 Bloomington, IN

  - Worked as lab intern in quality control at a private pharmaceutical contractor
  - Designed and implemented a verification study for measuring water content in pharmacological raw materials

2009  
|  
2009



### Summer Staff

TEAMeffort

📍 Eureka Springs, AR

- Worked as counselor and work site coordinator at rustic youth camp in Arkansas
- Guided visiting youth groups through basic home rehabilitation projects for low-income families



## EXTRACURRICULARS

2021  
|  
2020



### Volunteer

VOICES

📍 Indianapolis, IN

- Mentored Youth Leadership Fellows on an advocacy Project regarding housing/homelessness

2020  
|  
2018



### Wellness Chair

IUSM Pediatrics Resident Council

📍 Indianapolis, IN

- Coordinated improvements to resident workrooms like couches, lamps, mini-fridge, etc
- Coordinated wellness sessions during noon conference such as time with dogs on the front lawn and a curriculum on spiritual care in medicine

2016  
|  
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

2018  
|  
2014



### Clinical Volunteer

Einstein Community Health Outreach Clinic

📍 Bronx, NY

- Completed 15 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  
|  
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

2014  
|  
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

2015  
|  
2012



### Educator and Gardener

Bronx, Obesity, Diabetes, and You (BODY)

📍 Bronx, NY

- Taught local elementary students how to plant seeds and transplant them into BODY-run community garden
- Maintained the garden over summer months. Harvested produce and shared it with local community members

2014  
|  
2012



### Patient Ambassador

Clinical Center at the National Institutes of Health

📍 Bethesda, MD

- In the radiology department, I transported people to imaging and back
- In the surgery department, I stocked operating rooms with supplies and transported patients to/from their procedures
- See a [brief feature](#) about volunteers including myself in the Clinical Center's newsletter

2014  
|  
2012



### Dog Handler

People and Animals Cardio Klub (PACK) of the Humane Rescue Alliance

📍 Washington, DC

- Picked up dogs from area shelters every Saturday morning and drove them to a meeting spot in Rock Creek National Park for a three-mile run
- Sustained exercise helped the dogs with general health as well as temperament during subsequent adoption events



## CODING COURSES



### Coursera:

Python for Everybody Specialization:

- Programming for Everybody
- Python Data Structures
- Using Python to Access Web Data
- Using Databases with Python

- **DataCamp:**

R:

- Introduction to R
- Intermediate R
- Introduction to the Tidyverse
- Data Manipulation with dplyr
- Interactive Maps with leaflet in R

Python:

- Introduction to Python
- Intermediate Python
- Streamlined Data Ingestion with pandas

SQL:

- Introduction to SQL



## 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