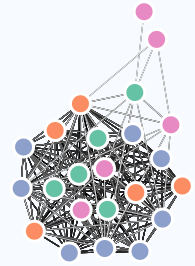


DANIEL P. HALL RIGGINS, MD



EDUCATION

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

HONORS AND AWARDS

- 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
2018
- Student Scholarship**
Academic & Health Policy Conference on Correctional Health
2016
- David E. Rogers Student Fellowship Award**
New York Academy of Medicine
2015
- Jeffrey Schulman Memorial Scholarship**
Albert Einstein College of Medicine
2014
- High Honors on Research Thesis**
Kenyon College
2012
- Robert Bowen Brown Jr. Prize for Excellence in Biological Research**
Kenyon College
2012
- Distinction on Senior Compositions**
Kenyon College
2011

CONTACT



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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 2022-02-22



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.02491-18⁷](#)

- 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.2017.10.006²
- 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: 10.1080/08897077.2016.1220443³
- 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.0056796⁴
- 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.0010132⁵



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