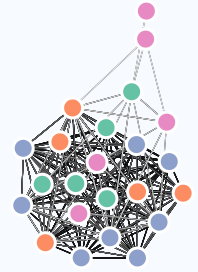


DANIEL P RIGGINS, MD



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
- Current | 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



[Twitter](#)



[Orcid](#)



[Github](#)



[LinkedIn](#)



[Keybase](#)

View this [CV online](#)


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

Source code available on [github](#)

Last updated on 2021-07-13

RESEARCH PROJECTS


Present
|
2020

- **Community Survey of the Indiana Avenue Cultural District**
Indiana University School of Medicine  Indianapolis, IN
 - Mentor: [Tracey Wilkinson](#), Assistant Professor in Department of Pediatrics
 - Role: Primary survey developer
 - Output: [IRB Protocol](#) and the [survey itself](#)


Present
|
2018

- **Road Injury Safety in Indianapolis**
Indiana University School of Medicine  Indianapolis, IN
 - Mentors: [Randy Grout](#), [Sarah Wiehe](#)
 - Role: Exploratory analyses
 - Output: [Blog posts](#)


2018
|
2017

- **Adolescent Enuresis**
Albert Einstein College of Medicine  Bronx, NY
 - Mentor: [Jessica Rieder, M.D., M.S.](#), Associate Professor in Department of Pediatrics, who directs a weight management clinic for teens
 - Role: Coordinated recruiting and performed data analysis for a survey investigating the rate of enuresis in the Montefiore teen population and related factors
 - Output: Authorship on [poster](#)

2016
|
2015

- **Incarceration and Buprenorphine Therapy**
Albert Einstein College of Medicine  Bronx, NY
 - Mentor: [Aaron D. Fox, M.D.](#), Associate Professor in Department of General Internal Medicine, who directs a primary care clinic for people transitioning out of incarceration
 - Role: Took lead on post-hoc analysis of a cohort of patients receiving integrated treatment for HIV and opioid use disorder. Our study asked how recent incarceration affects 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.](#), who directs a lab studying disease-causing bacteria for new vaccines and novel therapeutic approaches
 - Role: 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.](#), Professor of Biology, who directs a lab researching bacterial genetics and physiology
- Role: Took lead on 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 school



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](#)¹

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](#)²

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](#)³

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](#)⁴

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](#)⁵



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

Present
|
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
- Advocated with hospital admin for a change in location of the resident workroom to a space with windows
- Coordinated wellness sessions during noon conference such as time with our 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



PROFESSIONAL SOCIETIES

2018
|
Present



American Academy of Pediatrics

With sub-memberships in:

- Indiana Chapter of the AAP
- Council on Clinical Information Technology



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