

# Christopher C Rodgers, PhD

Assistant Professor  
Department of Neurosurgery  
Emory University School of Medicine

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## POSITIONS

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### **Assistant Professor** **2022 - present**

Rodgers Perception and Action Lab, Emory University  
Department of Neurosurgery, Emory University School of Medicine  
Department of Cell Biology, Emory University School of Medicine (secondary appointment)  
Department of Biology, Emory College of Arts and Sciences (courtesy appointment)  
Program Faculty, Neuroscience Graduate Program, Emory University  
Program Faculty and Adjunct, Biomed. Engineering Graduate Program, Emory & Georgia Tech  
Program Faculty, Bioengineering Graduate Program, Georgia Tech  
Program Faculty, Neuroscience and Behavioral Biology Undergraduate Program, Emory

*Selected Presentation:* [GTNeuro seminar series](#), Georgia Tech

#### *Selected Publication*

Mai J, Gargiullo R, Zheng M, Esho V, Hussein OE, Pollay E, Bowe C, Williamson LM, McElroy AF, Goolsby WN, Brooks KA, **Rodgers CC** (2024). Sound-seeking before and after hearing loss in mice. [bioRxiv](#) (2024), and submitted.

### **Postdoctoral Fellow & Associate Research Scientist** **2014 - 2021**

Columbia University, Zuckerman Mind Brain Behavior Institute

## EDUCATION

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### **University of California, Berkeley** **2007 - 2013**

#### **PhD, Neuroscience**

Designated Emphasis in Computational Science and Engineering

*Thesis:* Rule-encoding neurons in prefrontal and auditory cortex of rats performing a task similar to the cocktail party problem

### **McGill University** **2004 - 2007**

#### **BEng, Electrical Engineering**, with Great Distinction

*Honors Thesis:* The neuron modeled as a delta-sigma analog-to-digital converter

James McGill Award

British Association Medal

### **Purdue University** **2002 - 2004**

Major: Electrical Engineering. Course credit transferred to McGill University in 2004.

## PUBLICATIONS

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### Preprints and manuscripts

Mai J, Gargiullo R, Zheng M, Esho V, Hussein OE, Pollay E, Bowe C, Williamson LM, McElroy AF, Goolsby WN, Brooks KA, **Rodgers CC** (2024). Sound-seeking before and after hearing loss in mice. [bioRxiv](#) (2024), and submitted.

Li C, Kim SH, **Rodgers C**, Choi H, Wu A. One-hot generalized linear model for switching brain state discovery. [arXiv](#) (2023).

Park JM, Hong YK\*, **Rodgers CC\***, Dahan JB, Schmidt ERE, Bruno RM. Deep and superficial layers of the primary somatosensory cortex are critical for whisker-based texture discrimination in mice. [bioRxiv](#) (2020), and submitted.

\* equal contribution

### Peer-reviewed papers

Barbosa J, Proville R, **Rodgers CC**, DeWeese MR, Ostojic S, Boubenec Y. Flexible selection of task-relevant features through population gating. [Nature Communications](#) (2023). Original preprint: [bioRxiv](#) (2022).

Nogueira R, **Rodgers CC**, Bruno RM, Fusi S. The geometry of cortical representations of touch in rodents. Available online ahead of print at [Nature Neuroscience](#) (2023). Original preprint: [bioRxiv](#) (2021).

A “Research Highlight” article highlighted this work:

Rogers J. Flexible and generalizable representations of touch. [Nature Reviews Neuroscience](#) 24:132 (2023).

**Rodgers CC**. A detailed behavioral, videographic, and neural dataset on object recognition in mice. [Scientific Data](#) 9:620 (2022). Original preprint: [bioRxiv](#) (2021).

Schmidt ERE, Zhao HT, Park JM, Dipoppa M, Monsalve-Mercado MM, Dahan JB, **Rodgers CC**, Lejeune A, Hillman EMC, Miller KD, Bruno RM, Polleux F. A human-specific modifier of cortical connectivity and circuit function. [Nature](#) 599:7886 (2021). Original preprint: [bioRxiv](#) (2020).

**Rodgers CC**<sup>†</sup>, Nogueira R, Pil BC, Greeman EA, Park JM, Hong YK, Fusi S, Bruno RM<sup>†</sup>. Sensorimotor strategies and neuronal representations for shape discrimination. [Neuron](#) 109 (2021). Original preprint: [bioRxiv](#) (2020).

<sup>†</sup> corresponding author

Jas M, Achakulvisut T, Idrizović A, Acuna D, Antalek M, Marques V, Odland T, Garg RP, Agrawal M, Umegaki Y, Foley P, Fernandes H, Harris D, Li B, Pieters O, Otterson S, De Toni G, **Rodgers C**, Dyer E, Hamalainen M, Kording K, Ramkumar P. Pyglmnet: Python implementation of elastic-net regularized generalized linear models. [J Open Source Software](#) 5:47 (2020).

Insanally M, Carcea I, Field R, **Rodgers CC**, DePasquale B, Rajan K, DeWeese M, Albanna B, Froemke RC. Spike-timing-dependent ensemble encoding by non-classically responsive cortical neurons. [eLife](#) 8:e42409 (2019). Original preprint: [bioRxiv](#) (2018).

Hong YK, Lacefield CO, **Rodgers CC**, Bruno RM. Sensation, movement and learning in the absence of barrel cortex. [Nature](#) 561:7724 (2018).

Sohl-Dickstein J, Teng S, Gaub BM, **Rodgers CC**, Li C, DeWeese MR, Harper NS. A device for human ultrasonic echolocation. [IEEE Transactions on Biomedical Engineering](#) 62:6 (2015). Featured in *Popular Science* (February 9<sup>th</sup>, 2015).

**Rodgers CC**<sup>†</sup> and DeWeese MR. Neural correlates of task switching in prefrontal cortex and primary auditory cortex in a novel stimulus selection task for rodents. [Neuron](#) 82:5 (2014).

<sup>†</sup> **corresponding author**

*A "Preview" article highlighted this work:*

Odoemene O and Churchland AK. Listening for the right sounds. [Neuron](#) 82:5 (2014).

Garcia S, Guarino D, Jaillet F, Jennings T, Propper R, Rautenberg PL, **Rodgers CC**, Sobolev A, Wachtler T, Yger P, Davison AP. Neo: an object model for handling electrophysiology data in multiple formats. [Frontiers in Neuroinformatics](#) 8:10 (2014).

#### Invited articles

**Rodgers CC**, Albanna BF, Insanally MN. Decisions, decisions: Making sense of non-sensory neurons. [Current Biology](#) 31 (2021).

#### Conference proceedings

Nogueira R\*, **Rodgers CC**\*, Fusi S, Bruno RM. Sensorimotor strategies and neuronal representations of whisker-based object recognition in mouse barrel cortex. *Conference on Cognitive Computational Neuroscience*, [CCN](#) (2019).

\* **equal contribution**

Park J, **Rodgers C**, Hong YK, Dahan J, Bruno R. Primary somatosensory cortex is essential for texture discrimination but not object detection in mice. [IBRO Reports](#) 6:S550 (2019).

Teng S, Sohl-Dickstein J, **Rodgers CC**, DeWeese MR, Harper N. A device for human ultrasonic echolocation. [IEEE Workshop Multi. Alt. Percept. for Vis. Impaired People](#), ICME (2013).

## COMPETITIVE GRANT SUPPORT

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- Current: McCamish Foundation Blue Sky Seed Grant** 07/2023 - 07/2024  
Multi-PI: Dyer and Rodgers. McCamish Parkinson's Disease Innovation Program.  
Modeling the effects of Parkinson's Disease on free behavior and sensorimotor integration.
- Current: NIDCD Early Career Researcher R21 (DC019711)** 04/2023 - 04/2026  
PI: Rodgers. National Institute of Deafness and Communication Disorders (NIDCD)  
Central auditory pathways for integrating auditory input with head position during active sound localization in mice.
- Current: Whitehall Foundation Research Grant** 02/2023 - 02/2026  
PI: Rodgers. Whitehall Foundation.  
Neural circuitry of sensorimotor integration
- Completed: Kavli Institute Seed Grant** 01/2022 - 12/2022  
PI: Rodgers. Kavli Institute.  
Public release of a behavioral and neurophysiological object recognition dataset in the NWB format.
- Completed: NARSAD Young Investigator Award** 01/2020 - 01/2022  
PI: Rodgers. Brain & Behavior Research Foundation (BBRF)  
Sensorimotor strategies and neuronal representations in a mouse model of object recognition.
- Completed: NRSA Postdoctoral Fellowship** 04/2016 - 04/2019  
PI: Rodgers. NIH/NINDS F32NS096819.  
The role of the superficial cortical layers in whisker-based shape discrimination.
- Completed: Kavli Postdoctoral Fellowship** 07/2014 - 07/2015  
Kavli Institute for Brain Science

## ACADEMIC HONORS

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- British Association Medal** 2007  
Presented upon graduation from McGill University  
For highest performance on Engineering final exams
- James McGill Award, McGill University** 2005, 2006
- Scholarship, CMC Electronics Corporation, McGill University** 2006
- Dean's List, Semester Honors, Purdue University** 2002, 2003, 2004

## SEMINAR TALKS

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<b>Invited Speaker</b> , <a href="#">EARS</a> seminar series (virtual; upcoming)	2024
<b>Invited Speaker</b> , <a href="#">Georgia State University Neuroscience Institute</a> seminar series	2023
<b>Invited Speaker</b> , <a href="#">GTNeuro seminar series</a> , Georgia Tech	2023
<b>Speaker</b> , Seminar in Integrative Neuroscience, Emory University	2022
<b>Invited Speaker</b> , Psychology Department, Emory University	2022
<b>Invited Speaker</b> , Open Neurodata Showcase, Allen Institute (virtual)	2022
<b>Discussion Panelist</b> , Computational Neuroscience Journal Club (student-run), Emory	2022
<b>Invited Speaker</b> , Neurosurgery Grand Rounds, Emory University (virtual)	2022
<b>Invited Speaker</b> , <a href="#">Frontiers in Neuroscience</a> series, Emory University (virtual)	2022
<b>Invited Speaker</b> , <a href="#">Emory University Department of Cell Biology series</a> (virtual)	2022
<b>Selected Speaker</b> , <a href="#">Open House for Simons-Emory Consortium on Motor Control</a> (virtual)	2021
<b>Invited Speaker</b> , University of Toronto (virtual)	2021
<b>Discussion Panelist</b> , <a href="#">Future of Foraging</a> seminar series	2021
<b>Invited Speaker</b> , University of South Dakota (virtual)	2021
<b>Selected Speaker</b> , <a href="#">mEPSC</a> external seminar series Max Planck Institute for Brain Research, Frankfurt, Germany (virtual)	2021
<b>Invited Speaker</b> , Pennsylvania State University (virtual)	2021
<b>Invited Speaker</b> , University of Cincinnati College of Medicine (virtual)	2021
<b>Invited Speaker</b> , University of Texas-Dallas (virtual)	2021
<b>Invited Speaker</b> , George Mason University (virtual)	2021
<b>Invited Speaker</b> , University of Nebraska Medical Center (virtual)	2021
<b>Invited Speaker</b> , University of Texas Southwestern Medical Center (virtual)	2021
<b>Selected Speaker</b> , NeuroLaunchpad (virtual; <a href="#">watch online</a> )	2021
<b>Invited Speaker</b> , Fralin Institute at Virginia Tech Carilion School of Medicine (virtual)	2021
<b>Invited Speaker</b> , Christopher Moore's lab Brown University (virtual)	2020
<b>Invited Speaker</b> , University of Alabama-Birmingham School of Medicine	2020
<b>Speaker</b> , <a href="#">Neuromatch</a> 2.0 and 3.0 (virtual; <a href="#">watch online</a> )	2020
<b>Selected Speaker</b> , Zuckerman Institute Postdoctoral Seminars ( <a href="#">ZIPS</a> ) Zuckerman Institute, New York, NY (virtual)	2020

<b>Invited Speaker</b> , Michael Long's lab New York University, New York, NY	2020
<b>Invited Speaker</b> , Karel Svoboda's lab Janelia Research Campus, Ashburn, VA	2020
<b>Selected Speaker</b> , " <a href="#">Barrels</a> " SFN satellite meeting Northwestern Medical School, Chicago, IL	2019
<b>Selected Speaker</b> , " <a href="#">Sense to Synapse</a> " conference New York University, New York, NY	2019
<b>Invited Speaker</b> , "Motor Club" seminar series bridging labs under U19 NS104649-01 Columbia University, New York, NY	2019
<b>Invited Speaker</b> , Inter-Kavli Institute mini-symposium Rockefeller University, New York, NY	2018
<b>Invited Speaker</b> , <a href="#">Simons Foundation Postdoc Meeting</a> Simons Foundation, New York, NY	2018
<b>Selected Speaker</b> , Statistical Analysis of Neural Data ( <a href="#">SAND</a> ) conference Carnegie Mellon University, Pittsburgh, PA	2017
<b>Speaker</b> , <a href="#">Junior Scientist Workshop</a> on Neural Circuits and Behavior Janelia Research Campus, Ashburn, VA	2016
<b>Invited Speaker</b> , Michael Long's and Dmitry Rinberg's labs New York University, New York, NY	2013
<b>Invited Speaker</b> , Matthew Shapiro's lab Mt Sinai School of Medicine, New York, NY	2013
<b>Speaker</b> , "Cal Cortex Club" Helen Wills Neuroscience Institute, University of California, Berkeley	2013
<b>Speaker</b> , Graduate Student Recruitment Data Blitz Helen Wills Neuroscience Institute, University of California, Berkeley	2012

## POSTER PRESENTATIONS

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\* indicates presenting author

Li C, Kim SH, Rodgers C, Choi H, Wu A. One-hot generalized linear model for switching brain state discovery. International Conference on Learning Representations (ICLR). Vienna, Austria (2024; upcoming).

Li C, Kim SH, Rodgers C, Choi H, Wu A. One-hot generalized linear model for switching brain state discovery. Computational and Systems Neuroscience (Cosyne). Lisbon, Portugal (2024; upcoming).

Walker NJ\*, Williamson L, Gargiullo R, Rodgers C. Monitoring free and natural behavior of mice in 3D. Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS). Phoenix, AZ (2023; upcoming).

Mai J, Esho V, Gargiullo R, Pollay E, Zheng M, Bowe C, McElroy A\*, Williamson L, Hussein O, Morgan C, Walker N, Brooks KA, Rodgers C. Active sound-seeking in freely moving mice before and after hearing loss. Advances and Perspectives in Auditory Neuroscience and Barrels, satellite conferences of the Society for Neuroscience. Washington, DC (2023; upcoming).

Walker NJ\*, Williamson L, Gargiullo R, Rodgers C. Monitoring free and natural behavior of mice in 3D. Emory College Undergraduate Research Symposium. Atlanta, GA (2023).

Gargiullo R, Zheng M, Hussein O, Bowe C, Morgan C, Brooks KA, Rodgers CC\*. Active auditory localization in freely moving mice. Sensation and Action conference, Thun, Switzerland (2023).

Bowe C\*, Gargiullo R, Mai J, Williamson L, Zheng M, Pollay E, Hussein O, Esho V, Morgan C, Brooks KA, Rodgers CC. Active sound-seeking in mice as a model of Alzheimer's Disease. Emory Neurosurgery Research and Innovation Symposium. Also gave a talk on the same topic. Atlanta, GA (2023).

Hussein O\*, Pollay E, Bowe C, Gargiullo R, Rodgers C. Identifying brain regions that enable auditory localization in freely moving mice. Emory Undergraduate Research Symposium. Atlanta, GA (2023).

Gargiullo R, Zheng M, Hussein O, Bowe C, Morgan C, Brooks KA, Rodgers CC\*. Active auditory localization in freely moving mice. Advanced and Perspectives in Auditory Neuroscience (APAN), a satellite meeting of the Society for Neuroscience conference. San Diego, CA (2022).

Morgan C\*, Hussein O, Bowe C, Gargiullo R, Rodgers CC. Localizing damaged tissue in a mouse model of brain injury. Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS). Anaheim, CA (2022).

Gargiullo R, Hussein O, Zheng M, Mai J, Pollay E, Bowe C, Morgan C, Brooks KA, Rodgers CC\*. Active motor strategies for auditory and somatosensory decision-making. Simons-Emory International Consortium on Motor Control. Atlanta, GA (2022).

Kim SH\*, Rodgers C, Choi H. Active sensing and functional connectivity in mouse barrel cortex. Simons-Emory International Consortium on Motor Control. Atlanta, GA (2022).

Nogueira R\*, Fusi S, Rodgers CC, Bruno RM. The geometry of cortical representations of touch in rodents. Computational and Systems Neuroscience (COSYNE). Lisbon, Portugal (2022).

Morgan C\*, Hussein O, Bowe C, Gargiullo R, Rodgers CC. Localizing damaged tissue in a mouse model of brain injury. Laney Graduate School Summer Opportunity for Academic Research (LGS-SOAR). Atlanta, GA (2022).

*Selected posters that I presented as a graduate student or postdoc:*

Animal Behavior Society annual meeting (virtual)	2021
<a href="#">Innovators in Neuroscience</a> : From Molecules to Mind (virtual) Jointly held by Zuckerman Inst (Columbia Univ) and Friedman Brain Inst (Mt Sinai)	2021
COSYNE (Computational and Systems Neuroscience) conference, virtual ( <a href="#">watch online</a> )	2021
Barrels, Society for Neuroscience satellite meeting, virtual	2020
COSYNE (Computational and Systems Neuroscience) conference, Denver, CO	2020
Society for Neuroscience annual meeting, Chicago, IL	2019
COSYNE (Computational and Systems Neuroscience) conference, Portugal	2019
AREADNE (Research in Encoding and Decoding of Neural Ensembles), Greece	2018
Society for Neuroscience annual meeting, Washington, DC	2017
Society for Neuroscience annual meeting, San Diego, CA	2016
Society for Neuroscience annual meeting, Chicago, IL	2015
Society for Neuroscience annual meeting, Washington, DC	2014
Society for Neuroscience annual meeting, New Orleans, LA	2012
COSYNE (Computational and Systems Neuroscience) conference, Salt Lake City, UT	2011
APAN (Advances and Perspectives in Auditory Neurophysiology), Chicago, IL	2009



## PROFESSIONAL DEVELOPMENT AND SERVICE

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<b>Member of the Program Committee</b> <i>Advances and Perspectives in Auditory Neuroscience (APAN)</i>	2024 - 2026
<b>Peer reviewer</b> <i>Computational and Systems Neuroscience (Cosyne) abstracts</i>	2024
<b>Peer reviewer</b> <i>Nature Neuroscience (2021, 2023)</i> <i>Nature Methods (2023)</i> <i>Cell Reports (2022, 2023)</i> <i>Current Biology (2021)</i> <i>Progress in Neurobiology (2021)</i> <i>Science Advances (2022)</i>	ongoing
<b>Reviewer</b> , Neuronal Communications study section, NIH ECR Program	2023
<b>Moderator</b> , Neurobiology and Behavior Undergraduate Research Symposium, Emory	2023
<b>Member of graduate student committees</b> Robert Pritchard (Bioengineering, Hang Lu lab), quals (observer only) Hymavathy Balasubramanian (Neuroscience, Murugan lab), quals and thesis Kofi Vordzorgbe (Neuroscience, Sober lab), quals Viviana Valentin Valentin (Neuroscience, Gourley lab), quals Grace Jang (Neuroscience, Kragel lab), quals Michael Hess (Neuroscience, Berman lab), quals Ben Dykstra (Neuroscience, Murugan and Berman labs), quals Sean O'Connell (Biomed. Engineering, Sober and Pandarinath labs), thesis	2024 2023 - present 2023 2023 2023 2023 2023 2023 2022 – present
<b>Member of undergraduate honors thesis committees</b> Washington Huang (NBB), Pete Wenner's lab Yuna Lee (NBB), Alan Emanuel's lab Chris Feng (NBB), Malu Murugan's lab James Song (QTM), Liang Zhao's lab	2024 2024 2024 2024
<b>Member</b> , Admissions Committee, Neuroscience Graduate Program, Emory Also serving as liaison to the Diversity, Equity, and Inclusion Committee Currently slated to co-chair this committee in 2024 - 2027	2021 - present
<b>Participant, Unconscious Bias Reduction training</b> Training in recognizing and reducing unconscious bias for members of admissions committees, provided by Emory University.	2021, 2023
<b>Invited Speaker</b> , Academic Application Boot Camp, Columbia University Lecture on obtaining a faculty position	2021
<b>Invited Speaker</b> , Neuroscience Graduate Program, Columbia University Roundtable on obtaining a postdoctoral position	2021
<b>Member, Kavli Neuro Futures Group</b> , Kavli Institute for Brain Science	2021

Invited by the Kavli Institute to represent Columbia University  
Helped develop an online multi-institute meeting for science and professional development

**Participant, Zuckerman Institute-wide anti-bias training** 2021

A series of group sessions for the entire Zuckerman Institute, led by Dr. Dana Crawford  
[Crawford Bias Reduction Theory](#): “Awareness, investigation, and reduction of bias”

**Member, Zuckerman Institute Trainee Advisory Committee** 2019 - 2021

Worked with Institute leadership to develop a mentorship plan for postdoctoral training  
Developed new procedures with HR to support international trainees  
Advocated for accommodations for postdoc parents

**Co-chairman and co-founder, Zuckerman Institute Postdoctoral Seminars** 2018

Co-created a postdoctoral seminar series at Columbia University  
Personally worked to ensure diversity in speakers

**Professional society memberships**

Society for Neuroscience (lapsed)  
Animal Behavior Society (lapsed)  
Biomedical Engineering Society (lapsed)

## **PRE-GRADUATE RESEARCH EXPERIENCE**

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Hardware engineering internship Summer 2005  
*National Instruments Corporation*

Undergraduate researcher Summer 2004  
Research Experience for Undergraduates program, National Science Foundation  
*Department of Electrical and Computer Engineering, University of Maryland, College Park*

Undergraduate researcher Summer 2003  
Research Experience for Undergraduates program, National Science Foundation  
*Department of Physics, Princeton University*

## TEACHING

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- Guest Lecture**, Emory University Spring 2024  
“Regression and Decoding” for BIOL 450 “Computational Neuroscience”.
- Guest Lecture**, Emory University Fall 2022, Fall 2023  
“Modulation of cortical sensory processing” for IBS 526 “Neuroanatomy and Systems Neuroscience”. Student evaluations: 4.53 / 5.  
“Auditory Neuroscience” lecture in 2023
- Guest Lecture**, University of Tennessee-Knoxville Fall 2021  
Neurobiology Journal Club, taught by Professor Keerthi Krishnan.
- Course Co-Creator**, Helen Wills Neuroscience Institute, Berkeley 2013  
Co-developed a new “*Applied statistics for neuroscience*” course for PhD students  
Created syllabus, curated reading material, outlined lectures, and designed problem sets
- Graduate Student Instructor**, Helen Wills Neuroscience Institute, Berkeley Fall 2009  
“*Physiological and genetic basis of behavior*”  
An upper division neurobiology course, with Kristin Scott and Daniel Feldman  
Led weekly discussion sections and taught students to read primary research articles  
Helped prepare and grade exams
- Graduate Student Instructor**, Helen Wills Neuroscience Institute, Berkeley Spring 2009  
“*Mind, brain, and behavior*”  
A general science course, with David Presti  
Led weekly discussion sections and taught study skills such as self-assessment  
Moderated activities such as formal debates among students on course material  
Helped prepare and grade exams
- Teaching Assistant**, middle school summer camp Summer 2006  
Robinson Center for Young Scholars, University of Washington, Seattle, WA  
Helped teach a course about “Energy”, including field trips

## MENTORING

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**Participant, HHMI Mentorship Skills Development Course** 2023-2024

A year-long course of monthly meetings organized by the Howard Hughes Medical Institute, both virtual and in-person in Bethesda, MD.

**Participant, “Culturally Aware Mentoring” training** 2022

A series of interactive group sessions for mentors at Emory University, led by a team of researchers from the Center for the Improvement of Mentored Experience in Research ([CIMER](#)) at the University of Wisconsin.

**Mentor, [Intersections Science Fellows](#)** 2021

Mentored academia-track postdocs from historically under-represented backgrounds

**[Certified Mentor, Atlanta Society of Mentors](#)** 2021

Completed interactive faculty workshop on building skills for academic mentorship

**Participant, “Mentoring Up” workshop series, Columbia University** 2021

Learned professional development skills for scientific leadership and inclusivity

### People who I mentored as a PI

Sukrith Sriram Vedapuram, Master’s Student, Biomedical Engineering 2024 - present

Kai Park, undergraduate researcher 2024 - present

Joseph Chung, undergraduate researcher 2024 - present

Lucas Williamson, PhD student, Neuroscience Graduate Program 2023 - present

Selected for funding by the T32 training grant in Integrative Biology (T32NS096050)

Scholar in the Computational Neuroengineering Training Program (T32EB025816)

Abigail McElroy, PhD student, Neuroscience Graduate Program 2023 - present

Selected for a T32 training grant in Integrative Biology (T32NS096050)

Jason Song, undergraduate researcher 2023 - present

QTM Research Fellow

Nia Walker, undergraduate researcher Summer 2023

LGS-SOAR scholar

Cedric Bowe, MD/PhD student, Neuroscience Graduate Program (MD/PhD) 2022 - present

Eden Zhu, rotation student, Neuroscience Graduate Program 2022

Co-mentored with Peter Wenner

Rowan Gargiullo, research specialist 2022 - present

Carrissa Morgan, undergraduate researcher Summer 2022

LGS-SOAR scholar

Valentina Esho, undergraduate researcher 2023 - present

Eliana Pollay, undergraduate researcher 2022 - present

Rahil Vasa, undergraduate researcher	2022
Jessica Mai, undergraduate researcher FYRE scholar, and funded by an Undergraduate Research Fellowship	2022 - present
Megan Zheng, undergraduate researcher SIRE scholar	2022 - 2023
Osama Hussein, undergraduate researcher Completed thesis with highest honors. Funded by an Undergraduate Research Fellowship.	2022 - 2023

*People who I mentored as a postdoc*

Esther Greeman, technician Esther is now a member of the Dumitriu lab at Columbia University.	2019 - 2021
Jason Patterson, undergraduate researcher Jason is now in the Bioinformatics Master's program at Columbia University.	2017
B Christina Pil, technician Christina is now in the MD program at Albert Einstein College of Medicine.	2016 - 2018
Philip Calafati, undergraduate thesis researcher and technician Philip is now a scientist at Regeneron, Inc.	2015 - 2016
Dr Akash Khanna, researcher and technician Dr Khanna received a PhD in neuroscience from Johns Hopkins University in 2021.	2014 - 2015

*People who I mentored as a graduate student*

Ambika (Rustagi) Chou, undergraduate thesis researcher Ambika is now a Senior Human Factors Specialist at UL.	2012
Daniel Resnick, undergraduate thesis researcher Daniel received an Outstanding Poster Award for this work at the Molecular and Cellular Biology Undergraduate Research Conference. He is now an engineer at Caffeine Inc.	2011
Dr Sarah Kochik, undergraduate researcher Dr Kochik later received her OD from Berkeley and is presently Assistant Clinical Professor and a PhD candidate at Berkeley.	2010
Dr Trevor Gonzalinajec, undergraduate thesis researcher Dr Gonzalinajec later received his PhD in Biophysics from Berkeley and is now Adjunct Professor of Physics at College of Marin.	2009