

Senegal Alfred Mabry
Curriculum Vitae
Sam469@cornell.edu • 347-698-5451

Education

- Cornell University • Psychology Doctoral Student 2021-2025 (expected graduation) • GPA: 4.0
 - Community Neuroscience Initiative at Cornell
 - Deans Excellence Fellow
 - Affect and Cognition Lab
- Binghamton University • Master of Public Administration 2020 • GPA: 4.0
 - Alpha Award: Selected by faculty as the Best student in Service and Scholarship • May 2020
 - Chancellors Award for Student Excellence Nomination (December 2019)
 - Thurgood Marshal Leadership Award Legacy Pathways
 - Study Abroad: Scholarship Reeves Ellington Study Abroad: Maximo Nivel • Cusco, Peru Service-Learning Experience • 2019
- Binghamton University • Bachelor of Arts 2019 • Political Science • GPA: 3.91 • Dean's List
 - Nathan Hackman Award • Graduating Senior Best Student in Constitutional Law • May 2019
 - Humanitarian Award National Association for the Advancement of Color People Binghamton University Chapter
 - Study Abroad: The College at Brockport • Da Nang, Vietnam Service-Learning Experience • 2018
 - Study Abroad: University of Minnesota • Rusinga Island, Kenya Paleanthropological Field School • 2016

Awards and Honors

- NIH Blueprint for Neuroscience Interoception Research Initiative Early-Stage Investigator Travel Awardee
 - Won a competitive NIH-funded opportunity to present a flash talk on changes in interoception in Parkinson's disease for the 2nd annual NIH Annual Investigator Meeting on Interoception Research. Funded by the NIH Blueprint for Neuroscience Research and the National Center for Complementary and Integrative Health.
- University of Wisconsin Healthy Minds Institute • Plasticity of well-being summer training (June 2023)
 - Won a competitive NIH-funded training opportunity to engage with faculty on conceptualizations of emotional well-being, methods for investigating emotional well-being, and intervention approaches to improving emotional well-being.
- University of Chicago Marine Biological Laboratory at Woods Hole • Alumni ROCS (Regional Outreach & Communications in STEM) (October 2022)
 - Won a \$1900 award to democratize neuroscience by introducing future educators at SUNY Oswego to neuroscience content and helping them develop a neuroscience lesson for K-5 students in the Syracuse public school system.
- Society for Neuroscience (SfN) • Associate (May 2022)

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- Selected for a neuroscience affinity group of SfN mentors with research resources and guidance. Given an invitation to present at the Diversity Research Poster Session and Diversity Reception at the annual convening.
- University of Chicago Marine Biological Laboratory at Woods Hole • Summer Program in Neuroscience, Excellence and Success (SPINES) Winner (May 2022)
 - Selected for a competitive three-week summer neuroscience methods and career development immersion at the Woods Hole Oceanographic Institution in Massachusetts. Attending June 2022.
- Cornell University • Buttrick Crippen Fellowship Winner (March 2022)
 - One-year competitive fellowship award for the advancement of teaching at Cornell beginning in the Fall of 2022. Designed a first-year writing course, ‘Science as the Greatest Good.’ Instructing the class in the Spring of 2023.
- Cornell University • Deans Excellence Fellow (August 2021)
 - One-year competitive fellowship award for research doctoral students at Cornell, which began in the Fall of 2021.

Academic Papers

- Mabry, S. A & Ravreby I (**Abstract Accepted for July**). Integration of internal and external chemical senses in the heart, *Frontiers of Molecular Neuroscience*
- Mabry, S.A & Arinel M (**Abstract Accepted for July**). Circuits and reward concomitants of the heart and gut, *Frontiers of Psychiatry*
- Mabry S.A & Riley E (**Under Review**). The Black Stuff and the Blue Spot: two special brain regions and the story they tell about neurodegeneration, *Frontiers for Young Minds*
- Mabry, S. A., & Pavon, N. (2024). Exploring the prospects, advancements, and challenges of in vitro modeling of the heart-brain axis. *Frontiers in Cellular Neuroscience*, 18, 1386355. <https://doi.org/10.3389/fncel.2024.1386355>
- Mabry, S. A. (2024). Enough with “the shakes”: Fighting Parkinson’s as a Black researcher and a community organizer. *Cell*, 187(4), 806–808. <https://doi.org/10.1016/j.cell.2024.01.025>

Academic Presentations and Posters

- Mabry, S. A. (November 2023) Differences in VTA-SN Anticipatory Brain Responses and Positive Emotions in Parkinson's Disease, Poster Session, Society for Neuroscience,
- Mabry, S. A (November 2023) Flash Talk: Heart-based interoceptive awareness is impaired for people living with Parkinson’s disease during stress and exercise, 2nd annual NIH Annual Investigator Meeting on Interoception Research, <https://videocast.nih.gov/watch=52541>
- Mabry, S. A (July 2023) Characterizing Parkinson's clinical features in Black Americans and measuring the effect of non-impact lower body exercise on neuroimaging biomarkers and motor and gait function, *Cure Parkinson’s Clinical*
- Mabry, S. A (July 2023) The effect of nonimpact eccentric lower body exercise on Parkinson's symptoms and substantia nigra structure and function, Poster Session, 2023 World Parkinson’s Congress Barcelona

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- Mabry, S. A (July 2023) The effect of the social evaluative threat on substantia nigra functional connections to stress processing system regions of interest, Poster Session, 2023 World Parkinson's Congress Barcelona
- Mabry, S.A (November 2022) Parkinson's Disease connections to the autonomic nervous system and cardiovascular disease risk factors, Diversity Poster Session, Society for Neuroscience.
- Mabry, S.A (July 2022) Ecological Perceptions that may Moderate Parkinson's Disease Biomarkers and Comorbidity, Research Talk, Marine Biological Laboratory Summer Program in Neuroscience Excellence and Success Symposium.
- Mabry, S.A (July 2022) Psychosocial risk in Parkinson's Disease Research Talk, Marine Biological Laboratory Neuroscience Data Blitz.
- Mabry, S.A. (November 2018) The Next Generation Leader: Transformational Student Leadership on voluntary organizations, Poster Presentation Association for Research on Nonprofit Organizations and Voluntary Action.

Invited Professional Presentation and Keynotes

- Mabry, S.A (November 2021) National Conference of Social Studies Teachers Keynote.
- Mabry, S.A (May 2021) My Brother's Keeper Leadership Forum Public Moment with President Obama Retrieved from https://www.youtube.com/watch?time_continue=1&v=y0bjqFj2oxU&feature=emb_logo
- Mabry, S.A. (August 2019) Richmond Public Schools New Teacher Orientation Keynote Speaker.
- Mabry, S.A. (August 2019) Virginia Commonwealth University School of Education Richmond Teacher Residency Program Launch Keynote Speaker.
- Mabry, S.A. (July 2019) Education Commission of the States National Forum on Education Policy Keynote Presenter.
Retrieved from https://www.youtube.com/watch?v=_VpYneq6xyI&t=460s
- Mabry, S.A. (February 2019) New Teacher Center 21st Annual Symposium Morning Keynote Presentation.
- Mabry, S.A. (December 2018) Aspen Institute Changing of the Guard Education Presentation (December 2018).
Retrieved from <https://www.youtube.com/watch?v=6sFhmqaMmDI&t=2323s>
- Mabry, S.A. (November 2018) Charles and Lynn Schusterman Family Foundation Fireside Chat.
- Mabry, S.A. (February 2018) Passion to Action Democratic Access Panel Member.

Selected Publications

- Mabry, S.A (October 2022) Time to stop weeding out first- and second-year STEM students and ending careers before they begin Retrieved from <https://hechingerreport.org/opinion-time-to-stop-weeding-out-first-and-second-year-stem-students-and-ending-careers-before-they-begin/>

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- Mabry, S.A, McCray, C.R (February 2021) No Child Left Behind Showed How Education Policy Can Lead the Way to Bipartisanship. Biden Should Follow That Model Retrieved from <https://www.the74million.org/article/mabry-mccray-no-child-left-behind-showed-how-education-policy-can-lead-the-way-to-bipartisanship-biden-should-follow-that-model/>
- Mabry, S.A (June 2020). Learning Communities Can Save Colleges and Engage Remote Students. Retrieved from <https://www.edsurge.com/news/2020-06-29-learning-communities-can-save-colleges-and-engage-remote-students>
- Mabry, S. A. (April 2020). What the Pandemic Teaches About the Need to Redesign Education. Retrieved from <https://www.governing.com/now/What-the-Pandemic-Teaches-About-the-Need-to-Redesign-Education.html>
- Mabry, S. A. (May 9, 2019). MBK Rising! Inspires Young People of Color to Be More Effective Leaders. Retrieved from <https://youthtoday.org/2019/05/mbk-rising-inspires-young-people-of-color-to-be-more-effective-leaders/>.
- Mabry, S. A. (December 2018). Finding the Way to Equity in Education. Retrieved from <https://www.governing.com/gov-institute/voices/col-roadmap-equity-education.html>
- Mabry, S. A. (December 2018). Student Engagement: A Rubric for Education Policymaking. Retrieved from https://assets.aspeninstitute.org/content/uploads/2018/12/Student_Engagement_Rubric.pdf

Teaching Experiences

Cornell University • Butrick Crippen Fellow and First-Year Writing Seminar Instructor • August 2022 – Present

- One-year competitive fellowship award for the advancement of teaching at Cornell beginning in the Fall of 2022. Designed a first-year writing course, ‘Science as the Greatest Good.’ Instructing the class in the Spring and Fall of 2023.

Binghamton University • Graduate Assistant and Instructor • Public Service-Learning Community • July 2019- May 2020

- Design and teach Binghamton University Independent Study course (HDEV 395) to inspire students to pursue public service in the local Binghamton community.
- Book local policymakers and public administrators as guests to present to the students in the public service-learning community.
- Promote the PSLC’s work and goals to Binghamton students and a national community of educators.

Professional Experiences

Obama Foundation • Advisory Council Member • February 2018- Present

- Research and investigate best practices from 200+ MBK communities across the United States to help inform programmatic and grantmaking strategies.
- Track the programmatic and fundraising teams’ key performance indicators to update the executive director and advisory board on the overall organization's health.

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- Anchor the My Brother's Keeper digital and in-person events, including monthly town halls, national convenings, and network television appearances (the audience has reached over one million).

James B. Hunt Institute (Duke University Sanford School Affiliate) • Senior Policy Analyst • June 2020 - June 2021

- Manage a national coalition to increase the recruitment and retention of teachers of color, coordinating with partner organizations, including TNTP, New Leaders, Teach Plus, and Education Trust to plan meetings, write research briefs, and identify funding opportunities that were funded \$1 million by the Chan Zuckerberg Initiative.
- Ghostwrite opinion pieces for current and former State Governors on education policy. Opinion pieces have appeared in national media outlets, including the Washington Examiner, Fox News, NBC News, and The Hill.
- Serve as 'Czar' for the Institute's seven national webinar series, track metrics, ensuring high registration, and maintaining standards for each event. Reported to the President directly on the success of each event.

New York State Education Department (NYSED) • Assistant to the Chancellor of the New York State Education Department (NYSED) • August 2015- June 2020

- Build strategic partnerships between the NYS Assembly, NYC Borough Presidents' Offices and staff, and community that enabled the passage of a \$20 million annual fund that the NYSED receives to run the state My Brother's Keeper Program.
- Engage in strategic planning, designing educational policy, data analysis, and writing comprehensive research reports for the NYS Board of Regents.
- Lead weekly meetings on the status of key initiatives and policies prioritized by the NYSED Chancellor and Regent at Large.

Network of Schools of Public Policy, Affairs, and Administration (NASPAA) • NASPAA Batten Simulation Fellow • February 2020 - June 2021

- Host immersive online simulations across the United States for public policy and administration graduate students to measure their leadership and decision-making skills.
- Collaborate with software engineers to improve simulation design mechanics and solve technical issues.
- Appear on local news outlets discussing the importance of simulation learning for graduate students.