

Daya Stevens

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Portfolio: <https://dayastevens.github.io/webdayastevens/index.html>

Science journalist and clinical research coordinator with a B.A. in Neuroscience from the University of Colorado Boulder. Experienced reporting on neuroscience, biomedical research, environmental science, and public health for regional and nonprofit publications. Skilled at analyzing primary literature, interviewing experts, and translating complex scientific findings into accurate, engaging stories for broad audiences.

EDUCATION

University of Pennsylvania, College of Liberal and Professional Studies

BAAS- Certificate in Professional Writing | *Expected Completion July 2026*

Relevant Coursework: Fundamentals of Professional Writing, Writing for Social Media, Composing a Professional Identity, The Elements of Style

ROOTED Science Journalism Mentorship Program | June 2026– Present

Mentor: Freelance Science Journalist [Avery Nunn](#) | *Expected Completion Aug 2026*

- Selected participant in a competitive mentorship program in science journalism and communication
- Receiving mentorship, editorial training, and professional development in science reporting

University of Colorado-Boulder, College of Arts and Sciences

B.A. Neuroscience (Honors), Minor in Writing & Public Engagement | Aug 2021 – May 2025

- GPA: 3.74 | Summa Cum Laude
- Honors Thesis: Comparative cryo-electron microscopy structural characterization of N410M-modified tau fibrils
- Awards: Chancellor's Achievement Scholarship (4-year award); Dean's List (4 semesters)
- Organizations: Hiking Club (2021-2025); Club Lacrosse (2022-2023)

JOURNALISM EXPERIENCE

Freelance Science Journalist | 2024 – Present

- Report on biomedical research, environmental science, and public health for regional and digital publications
- Interview researchers, clinicians, and subject-matter experts to contextualize emerging scientific findings
- Pitch, report, and write science stories translating peer-reviewed research into accessible journalism for general audiences
- Conduct literature review and synthesize primary scientific sources to develop accurate news and feature reporting
- Write across formats including explanatory features, environmental reporting, and service journalism

Selected Publications:

- “*Bioresorbable RFID Capsule for Assessing Medication Adherence*” — **Science in Boston**, March 9, 2026.
(Reported explainer on emerging biomedical technology for monitoring medication adherence)
<https://scienceinboston.com/2026/03/09/bioresorbable-rfid-capsule-for-assessing-medication-adherence-2/>
- “*PA Pollutes More Than Some Countries. Without RGGI, Frontline Communities Face the Worst Impacts*” — **Green Philly**, December 3, 2025.
(Environmental reporting on emissions policy and climate justice impacts in Pennsylvania)
<https://greenphl.com/news/pa-pollutes-more-than-some-countries-without-rggi-frontline-communities-face-the-worse-impacts/>
- “*A Visual Guide: How to Recycle Mailers & Amazon Packaging*” — **Green Philly**, January 13, 2026.
(Service journalism piece translating recycling guidance into public-facing visual instructions)
<https://greenphl.com/recycle/a-visual-guide-how-to-recycle-mailers-amazon-packaging/>

- “Autumn’s Arrival Turns Colorado Aspens Yellow — Catch Them While You Can” — **Colorado Green News**, October 28, 2025.
(Environmental feature reporting on seasonal change and climate context in Colorado ecosystems)
<https://coloradogreennews.com/2025/10/28/autumns-arrival-turns-colorado-aspens-yellow-catch-them-while-you-can/>
- “The Citizen Recommends: Where Science Meets Art” — **The Philadelphia Citizen**, October 13, 2025.
(Culture and science feature highlighting intersections of scientific research and public engagement)
<https://thephiladelphiacitizen.org/the-citizen-recommends-arx-science-meets-art/>
- “From Scent to Strategy: Ant Pheromones” — **New York Times Topics**, December 11, 2024.
(Science explainer on animal communication and chemical signaling in social insects)
<https://newyorktimetopics.wixsite.com/new-york-times/from-scent-to-strategy-ant-pheromones>

RESEARCH & CLINICAL EXPERIENCE

Clinical Research Coordinator- *University of Pennsylvania-Perelman School of Medicine* | Philadelphia, PA | Aug 2025– Present

- Promoted into coordinator role based on performance and expanded research responsibilities
- Work across neuromuscular disease clinical trials (Charcot-Marie-Tooth, Pompe Disease, Amyloid Transthyretin Amyloidosis), supporting study execution and participant coordination
- Synthesize and communicate complex biomedical research findings into clear summaries for clinicians and research teams
- Contribute to literature review, data collection, and research documentation within clinical trial workflows
- Support study operations including participant coordination, data quality review, and regulatory compliance

Undergraduate Research Assistant- *University of Colorado-Boulder* | Boulder, CO | June 2024 – May 2025

- Conducted independent research on tau protein aggregation and neurodegenerative disease mechanisms using cryo-electron microscopy datasets
- Analyzed 1,000+ cryo-EM micrographs using CryoSPARC and RELION to evaluate fibril structure and reproducibility
- Interpreted structural biology data in context of primary neuroscience and biochemistry literature
- Synthesized findings into an honors thesis combining computational analysis and molecular neuroscience

Operational Analyst- *GoldenTech Systems* | Charlotte, NC (Remote) | July 2023 – Oct 2023

- Translated technical datasets and proposals into accessible summaries for non-specialist stakeholders
- Improved clarity and usability of internal technical documentation

RESEARCH

Stevens, D. *Structural Characterization of Tau Fibrils with N410M Modification: Comparative Analysis of CryoSPARC and RELION in Neurodegenerative Disease Research.*

HONORS & AWARDS

- Summa Cum Laude, Neuroscience – 2025
- Dean’s List (4 semesters) – 2021-2025
- Chancellor’s Achievement – 2021-2025

SKILLS

- **Science Communication:** Science writing, public-facing reporting, synthesizing primary literature and translating technical research, interviewing sources, fact-checking
- **Technical:** R, CryoSPARC, RELION, Epic EHR, REDCap
- **Research & Clinical:** Clinical trial coordination, regulatory documentation, data analysis; Certifications in HIPAA, CITI Human Research, Good Clinical Practice (GCP), Phlebotomy, IATA

VOLUNTEER EXPERIENCE

Elder Net | Lower Merion, PA | April 2021 – May 2021

- Supported elderly community with grocery and medical equipment deliveries

YMCA Camp Tockwogh | Worton, MA | June 2019 – Aug 2019

- Participated in L.I.T. (leader in training) program supporting counselors and leading daily activities for children