Danielle S. Whisnant

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EDUCATION

Brown University, The College; School of Public Health | Providence, RI — **January 2023 – May 2026**
Applied Mathematics-Biology (ScB), Computer Science (AB)
Master of Public Health (Concentration: Digital Rights)

Georgetown University, School of Health | Washington, DC — **August 2021 – December 2022**
Global Health (ScB), Justice and Peace Studies (Minor)

EXPERIENCE

Brown University Watson Institute, Center for Human Rights and Humanitarian Studies — **May 2024 – Present**
Humanitarian Research Analyst & Teaching Fellow for Professor David Polatty — Providence, RI

- Organized a team of 12 fellow students to investigate policies and practices governing the use of armed escorts for humanitarian convoys; Coordinated interviews with OCHA officers, organized literature reviews, and consolidated insights for the report
- Develop and co-teach IAPA 0310 ("Reimagining Human Security"), a new course on human, national, and international security policy and practice; Lectured to and mentored 55+ students on topics such as migration, gender security, and tech justice

Brown University Data in Society Collective (DISCO Lab), Department of Computer Science — **October 2024 – Present**
Graduate Researcher for Dr. Harini Suresh — Providence, RI

- Master's Thesis: "Algorithmic Shadows: Deciphering Social Media Takedowns of Public Health Documentation in Conflict Zones"
- Conduct algorithmic auditing and apply interpretability methods to analyze takedown patterns in platform content moderation

Epic Systems Corporation — **June 2025 – August 2025**
Software Developer Intern — Madison, WI

- Designed and programmed a full-stack, cloud-based computer vision hardware test (C#, React) for deployment in MyChart in 2026
- Used OpenCV, MediaPipe, ResNet18, and fine-tuned YOLOv5 model
- Conducted user research with providers to understand common technical barriers to video visits and most-at-risk populations
- Identified state-level training and funding grants and programs to support FHIR integration into public health agencies
- Drafted model state legislation that builds training programs to equip clinics with tools for post-deployment monitoring of AI systems

Physicians for Human Rights — **June 2024 – May 2025**
Programs Intern — New York, NY

- Built Istanbul Protocol training for Ukrainian clinicians documenting torture (taught on-site in Lviv in July 2025)
- Conducted and co-authored research on the effects of Florida's six-week abortion policy on practicing clinicians
- Led all-staff briefing with 60 colleagues on AI/ML models and their application to human rights and public health work

Brown University School of Public Health, Center for Alcohol and Addiction Studies (CAAS) — **June 2023 – October 2024**
Research Assistant for Dr. Lauren Micalizzi — Providence, RI

- Conducted laboratory assessments with mother and teen dyads, including semi-structured interviews of participant substance use, computerized behavioral task administration, and teen anthropometrics
- Executed data analysis using R and SPSS; program research surveys through Qualtrics and Metricwire
- Presented posters at three conferences; won Overall Excellence at CAAS Research Day; presented to Brown CAAS

Warren Alpert Medical School of Brown University — **January 2024 – June 2024**
Global Emergency Medicine Intern — Providence, RI

- Performed literature reviews for a systematic analysis of ED-based substance use interventions
- Assisted in methodological development of a mixed methods study focused on ED-based interventions of alcohol use disorder in HIV-positive patients in Rwanda

Mama Glow — **January 2024**
Research Intern – "Winternship" — New York, NY

- Coded interactive map and performed a mixed methods research study on the state of US doulas, resulting in a written report

Georgetown University Lombardi Cancer Center — **November 2021 – December 2022**
Laboratory Research Assistant in Dr. Eric Glasgow's Lab — Washington, DC

- Analyzed genetically-modified fish embryo samples in experiments investigating embryonic tumorigenesis and hormone regulation
- Executed laboratory experiments and techniques, such as gel electrophoresis and cell counting flow cytometry

The Access Challenge — **June 2022 – August 2022**

African Political Campaign Intern   New York, NY
- Planned and executed media dissemination for the Africa CDC's and African Union's Bingwa Initative, a Pan-African digital political campaign combating COVID-19 vaccine hesitancy within communities
- Supported development of short- and long-term universal health coverage and vaccination campaign goals through communications, outreach, and research with high-level political partners and influencers

UC Berkeley Human Rights Center   **April 2019 – August 2020, May 2022 – August 2022**
Research & Communications Intern   Berkeley, CA

- Conducted legal research for Berkeley Protocol on international sexual violence cases citing digital evidence
- Conducted the preliminary research for PBS documentary, *Tulsa: The Fire and the Forgotten*
- Interviewed alumni spearheading LGBTQ+ rights and published the first annual pride newsletter highlighting their work
- Assisted with social media content creation and digital advocacy across Twitter and Instagram

EXTRACURRICULARS AND VOLUNTEER WORK

Crisis Text Line   **June 2022 – Present**
Bilingual Crisis Counselor   USA
- Provide mental health crisis intervention for English- and Spanish-speaking texters in emotional crisis
- Direct suicide, self-harm, and domestic violence prevention support

Fashion @ Brown   **January 2023 – Present**
Director of Hair and Makeup Team & Fashion Designer   Providence, RI
- Utilize advanced construction and design skills, conceptualizing apparel sketches into wearable art
- Design, sew, and style two couture collections for runway showcases and multiple pieces for photoshoots
- Coordinated team of 30+ hair and makeup artists during photoshoots and runway shows; led workshops and trainings for artists

Sexual Health Advocacy & Peer Education (SHAPE)   **January 2023 – May 2025**
Teacher / Facilitator   Providence, RI
- Taught sexual and reproductive health curricula to Providence high schoolers

Brown Emergency Medical Services   **June 2023 – January 2025**
Primary EMT & Ambulance Training Officer   Providence, RI
- Administered life support services and patient care to Providence community during medical emergencies
- Trained 100+ onboarding first responders and EMTs, and led Summer 2023 EMT Certification course

Georgetown Emergency Response Medical Service (GERMS)   **May 2022 –December 2022**
Emergency Medical Technician   Washington, DC
- Administered life support services during medical emergencies on scene and en route to hospital

Hoyas For Choice   **August 2021 – December 2022**
Advocacy Board Member   Washington, DC
- Instituted campus-wide Narcan trainings for resident assistants in conjunction with GERMS
- Launched No Donation Pledge, attaining more than 1000 signatures, in response to university's continued support of Pro-Life campus organizations following Dobbs decision

GU Maker Hub   **January 2021 – December 2022**
Staff Member & Advisor   Washington, DC
- Advised and empowered visitors in the use of 3D and laser printers, woodworking tools, sewing machines, and more

EMPLOYMENT

Brown Transfer and Resumed Undergraduate Education   **August 2024 – May 2025**
Transfer Peer Advisor & Orientation Leader   Providence, RI
- Mentored and oriented a cohort of ten new transfer students each semester to life and academics at Brown
- Co-led panels about academics and extracurriculars at Brown University for new students

Brown University   **May 2023 – May 2024**
Campus Tour Guide   Providence, RI
- Led tours of 35-45 students and parents
- Answered questions pertaining to Brown University academic curriculum, extracurriculars, and campus opportunities

Students of Georgetown, Inc.   **August 2022 – January 2023**
Barista   Washington, DC
- Built and implemented program to retrain employees and improve practices for quality control

Peet's Coffee & Tea   **December 2019 – August 2021**
Barista   Berkeley, CA
- Sold most coffee bean orders in Bay Area stores in 2020

Pinkie's Nail Salons   **November 2015 – March 2018**
Front Desk Receptionist, Payroll Administrator   Lafayette, CA

- Responsible for customer interface and troubleshooting
- Accurately processed biweekly payroll for a company with over 50 employees

PUBLICATIONS AND SELECTED PRESENTATIONS

- "A Review of the Current Use of Armed Escorts for Humanitarian Convoys in Complex Emergencies". Brown University. Jun 2025.
- "Delayed and Denied: How Florida's Six-Week Abortion Ban Criminalizes Medical Care". Physicians for Human Rights. Sept 2024.
    - Cited in US Senate Committee on Finance, CNN, CBS, Politico, NBC
- "SES May Moderate the Association between Cognitive Reappraisal and Stress in Teens". Brown University. Oct 2024.
- "SES Moderates the Association between Cognitive Reappraisal and Stress in Teens". Brown University. Mar 2024.
    - First-Place poster at Center for Alcohol and Addiction Studies Staff Research Day
- "State of the Doulas: A Mixed Methods Analysis". Mama Glow. Jan 2024.
- "Associations Between Perceived Harms of Cannabis Use and Demographic Characteristics". Brown University. Aug 2023.
- "An appeal to the US Secretary of Education in support of peace education". Global Campaign for Peace Education. Dec 2022.
- "HRC Pride: Spotlighting our alumni". UC Berkeley Human Rights Center. Jul 2022.

AWARDS

- Brown University Center for Alcohol and Addiction Studies Staff Research Day: First Place Poster, Overall Excellence Award
- Hack@Brown: Best Use of Generative AI
    - Over 24 hours, coded an LLM-powered academic tool that creates an educational animated video given any topic
- Innovation Dojo Entrepreneurship Cohort: First Place, Winner of Explore Grant
    - Built a recipe modifier and social media platform targeted towards those with dietary restrictions
- Brown Pitch Competition: Third Place
- Brown SPRINT LINK Award (May 2024 – August 2024)
- Brown Undergraduate Teaching and Research Award (May 2023 – August 2023)
- Georgetown Undergraduate Research Fellowship (January 2022 – May 2022)
- Dean's List First Honors, Georgetown University (December 2021, May 2022)

PROGRAMMING AND DATA SCIENCE

- **Languages**: R, Python, JavaScript/TypeScript, C#, SQL, Java, Pyret, SPSS, HTML, CSS | **DevOps**: Docker, Unix, Bash
- **Frameworks**: Web: React, FastAPI, Next.js | ML: PyTorch, TensorFlow, scikit-learn | **Data**: pandas, Numpy, ggplot, dplyr, REDCap
- **Fields**: Computer Vision, Interpretability, Statistical Analysis, Regression Modeling

SKILLS AND CERTIFICATIONS

- Mixed methods research, policy research and advocacy, public speaking, written communication, full-stack development, public health and patient care, teaching/mentorship
- **Certifications**: Emergency Medical Technician – B, Emergency Crisis Counseling, OSHA, HIPAA