BRIANNA WIMER

PH.D. STUDENT, UNIVERSITY OF NOTRE DAME

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RESEARCH INTERESTS

My research area is Human-Computer Interaction and Accessibility. My interests include understanding, designing, and developing technologies that support people with cognitive disabilities. My current projects involve making information visualizations more accessible to a wide variety of disabilities and designing self-support technology for adults with ADHD.

EDUCATION

University of Notre Dame, South Bend, IN   2021 - Present
        Ph.D. in Computer Science and Engineering
        Research Advisor: Ronald Metoyer

University of Alabama, Tuscaloosa, AL   2018 - 2021
        B.S in Computer Science

AWARDS & ACHIEVEMENTS

SIGACCESS Travel Scholarship, ACM SIGACCESS | 2022
Graduate Cohort for IDEALS Travel Grant, Computing Research Association | 2022
Jack and Mary Ann Remick Fellowship, University of Notre Dame | 2021
Louis Stokes Alliance for Minority Participation Scholar, University of Alabama | 2018 -2021
Dean's List, The University of Alabama | 2021, 2020
Tapia Travel Grant, AccessComputing | 2020
Grace Hopper Travel Grant, AccessComputing | 2020

POSTER PRESENTATIONS

Wimer, B. *Understanding How Information Visualization Can Support Diverse Cognitive Abilities.* Poster to be Presented At: ACM Conference on Computers and Accessibility. 2022 Oct 24-26. Athens, Greece. (Not peer-reviewed, poster presentation for SIGACCESS Travel Scholarship).

Wimer, B., Szymanski, A. *Food Information Networks (FINs): The Visual Representation of Food Information for Healthy Dietary Choices.* Poster Presented At: Lucy Institute Fall Symposium. 2021 Oct 27. University of Notre Dame.

Wimer, B. *Improving Self-Efficacy in Emotion Regulation Through a Biofeedback Video Game.* Poster Presented At: Virtual Grace Hopper Celebration. 2020 Sept 29-Oct 3. Remote

OTHER RESEARCH EXPERIENCE

CRA-WP Distributed Research for Undergraduates (DREU)   Summer 2021
       Research Intern, University of Notre Dame; Advised by Ronald Metoyer

CRA-WP Distributed Research for Undergraduates (DREU)   Summer 2020
       Research Intern, Tufts University; Advised by Elaine Short

Undergraduate Research Assistant, The University of Alabama   2019 to 2021
       Advisor: Chris Crawford

TEACHING EXPERIENCE

University of Notre Dame
    2022   Spr.   **Fundamentals of Computing (CSE20311)**

		61 Undergraduate students enrolled. Role: Graduate Teaching Assistant
2021	Fall	**Academic Services for Student Athletes**
		2 Undergraduate students assigned to me. Role: Strategy Tutor
2021	Fall	**Academic Services for Student Athletes**
		12 Undergraduate students assigned to me. Role: Calculus Tutor

INVITED TALKS

2021	**Panelist,** Code.Org x CareerVillage
	Panelist, Explore STEM@UTSA
2020	**Guest Speaker,** Louis Stokes Alliance for Minority Participation
	Guest Speaker, Bridge to Engineering Success at Tufts Webinar

ACADEMIC SERVICE

Professional Service

2022	**ACM Conference on Human Factors in Computing (CHI),** Student Volunteer
	ACM Conference on Designing Interactive Systems (DIS), Student Volunteer
	ACM Conference on Computers and Accessibility (ASSETS), Student Volunteer

University and Community Service

2022	**Graduate Research Mentor,** ND's Center for Civic Innovation Interns
	Graduate Research Mentor, ND's iTREDS Program
2020	**Research Mentor,** UA's Louis Stokes Alliance for Minority Participation
2019	**Counselor/Mentor,** UA's LEGACY Project
	Counselor, UA's NeuroCamp

NEWS MEDIA COVERAGE

2021   **AccessComputing STEM For All Video Showcase.**

2020   **AccessComputing Newsletter Profile.** "Distributed Research Experience for Undergraduates (DREU): Firsthand Benefits"
https://www.washington.edu/accesscomputing/resources/accesscomputing-news-july-2020/distributed-research-experience-undergraduates-dreu-firsthand-benefits

2019   **UA Engineering News.** "LEGACY program prepares young women of color with computer science education"
https://news.eng.ua.edu/2019/05/legacy-program-prepares-young-women-color-computer-science-education/