

SIDNI A. (VAUGHN) JUSTUS

(706)-676-1546 • sidnijustus@gatech.edu
www.sidnijustus.com

EDUCATION

- Expected May, 2019** **Ph.D., Cognition & Brain Science Psychology**
Georgia Institute of Technology
Minor: Industrial/Organizational Psychology
Dissertation: “Early Predictors of Autism: Exploring Variable-Centered and Person-Centered Analysis Approaches”
Committee: Dr. Jenny L. Singleton (Chair), Dr. Christopher Hertzog, Dr. Lizanne DeStefano, Dr. Agata Rozga, and Dr. Christopher Stanzione
- May, 2017** **M.S., Cognition & Brain Science Psychology**
Georgia Institute of Technology
Thesis: “Understanding Developmental and Risk Status Effects on Visual Engagement: Evaluation of Infant Play Behavior”
Committee: Dr. Jenny L. Singleton (Chair), Dr. Eric Schumacher, and Dr. Agata Rozga
- May, 2014** **B.S., Psychology**
Georgia Institute of Technology
Summa Cum Laude
Thesis: “The transmission of unique information in work teams: A social network perspective”
Committee: Dr. Leslie A. DeChurch (Chair), Dr. Francis T. Durso
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TEACHING EXPERIENCE

UNIVERSITY LEVEL

- 2017-Present** **School of Psychology, Georgia Institute of Technology**
Instructor of Record
- General Psychology: Spring 2019 (anticipated enrollment: 100)
 - Human Development: Spring 2018 (enrollment 69; effectiveness rating 4.6/5.0)
 - General Psychology: Fall 2017 (enrollment 105; effectiveness rating 4.8/5.0)
- 2017-2018** **Center for Teaching and Learning, Georgia Institute of Technology**
Graduate Teaching Fellow
Activities:
- Developed & facilitated workshops for Teaching Assistant Orientation (300+ students impacted, including both graduate and undergrad teaching)

assistants) on topics including: effective communication and presentation skills, teaching assistant policies and procedures (e.g., FERPA, Disability Services, Academic Integrity), and research driven methodologies that aid student learning

- Consults with individual teaching assistants and future faculty about teaching and conducts teaching observations for fellow graduate students and postdocs
- Leading a self-created project which includes creating and administering a survey to current Psychology department instructors about instructor-required TA responsibilities across different course sections and faculty opinions on current vs. desired TA roles within the classroom and the quality of resources/training offered to our TAs. Findings from this survey will be used to evaluate the consistency of department-provided teaching-related experiences in preparing students for academic jobs and create resources for both incoming and current TAs that detail the role/responsibilities to be expected across different courses (e.g., General Psychology vs. Research Methods lab)
- <http://ctl.gatech.edu/content/2018-graduate-teaching-fellows-cohort>
Stipend: \$3500

Tech to Teaching Certificate

Description:

- This program provides students with additional training and development who want to pursue future faculty positions. I will have completed both the foundational level and capstone project by end of Spring 2019 semester.
- <http://www.cctl.gatech.edu/content/tech-teaching-0>

2016 School of Psychology, Georgia Institute of Technology

Co-Instructor

- General Psychology: Fall 2016 (enrollment 72)

2015-2018 Guest Lectures, Georgia Institute of Technology

Course: Topic(s) covered (Date(s)):

- General Psychology: Psychological Disorders (11/28/18)
- General Psychology: Social Psychology (11/12/18-11/16/18)
- General Psychology: Personality (11/5/18-11/9/18)
- Human Development: Plagiarism, APA Style & Writing (11/1/18)
- Introduction to Cognitive Psychology: Reasoning, Intelligence (04/13/18)
- General Psychology: Operant Conditioning, Consciousness (10/12/17)
- Developmental Psychology: Intelligence and Academic Achievement (06/16/16)
- General Psychology: Health Psychology (02/19/16)
- Georgia Tech Undergraduate First Year Seminar: Undergraduate Experience at Georgia Tech & Current Research Projects (11/02/15)

2014-2018 School of Psychology, Georgia Institute of Technology

Graduate Teaching Assistant

- Human Development: Fall 2018 (enrollment 79)
- General Psychology: Fall 2014, Spring 2016 (avg. enrollment 140)
- Research Methods: Fall 2015, 2016; Spring 2015 (avg. enrollment 71)

OTHER NON-UNIVERSITY LEVEL TEACHING

2016, 2018 School of Psychology Summer Camp, Georgia Institute of Technology

Camp Instructor, Center for Education Integrating Science, Mathematics, and Computing (CEISMC)

Activities:

- Developed curriculum and schedule for a one-week summer camp for high school students
- Taught lectures educating students on the history of Psychology, important concepts and findings, ethical practices in research, and current techniques and methods being used in the field
- Coordinated hands-on demonstration and activities featuring various technologies such as: Magnetic Resonance Imaging (MRI), Electroencephalography (EEG), Transcranial Magnetic Stimulation (TMS), Transcranial Direct Current Stimulation (tDCS), and driving simulator
- Filmed and edited a compilation video presentation of student camp experiences

Stipend: \$3000

2016-2017 Atlanta Regional Brain Bee, Atlanta Chapter for the Society of Neuroscience (ACSFN)

Workshop Instructor

Activities:

- Worked with colleagues at Georgia State University, Emory University to create workshops on “Brain Basics” and “Post-Synapse and Signaling” for students in preparation for their participation in the annual Brain Bee competition

HONORS AND AWARDS

2018-Present Graduate Teaching Fellows Program

Center for Teaching and Learning, Georgia Institute of Technology (Amount: \$3500)

2018 Graduate Student Instructor of the Year

Center for Teaching and Learning, Georgia Institute of Technology (Amount: \$500; a campus-wide award considering nominees from all departments)

2018 Graduate Teaching Assistant of the Year

School of Psychology, Georgia Institute of Technology (Amount: \$750)

- 2014 President's Undergraduate Research Award**
Georgia Institute of Technology (Amount: \$800; travel stipend to attend 29th Annual Society for Industrial & Organizational Psychology Conference, Honolulu, HI)
- 2013-2014 Zell Miller Undergraduate Scholarship**
Georgia Institute of Technology
- 2013 National Science Foundation Research Experience for Undergraduates**
(Amount: \$3000)
- 2012-Present Psi Chi National Psychology Honors Society**
Georgia Institute of Technology
- 2012 Undergraduate Research Methods Poster Award**
Georgia Institute of Technology
- 2011 Sigma Alpha Lambda Honors Society**
University of Georgia

TEACHING INTERESTS

Introductory psychology, research design and methodology courses, foundational developmental psychology (e.g., lifespan approach or any segment thereof), advanced topics of typical and/or atypical developmental psychology (e.g., history and research methods in Autism Spectrum Disorder); statistics for social sciences (i.e., quantitative & qualitative approaches to analysis); the development of gender, racial/ethnic, and/or cultural identity

PROFESSIONAL SERVICE & DEVELOPMENT

- 2016-Present President's Undergraduate Research Awards, Georgia Institute of Technology**
Award Submission Reviewer
Activities:
- Reviews undergraduate submissions for salary and/or travel awards to conduct research with Georgia Tech faculty and present research at professional conferences
 - <http://www.undergradresearch.gatech.edu/content/presidents-undergraduate-research-awards>
- 2016-Present School of Psychology, Georgia Institute of Technology**
Research Methods (PSYC 2015) Final Project Poster Competition Judge
Activities:
- Serves on committee of judges for undergraduate Research methods course end-of-semester poster competition; poster presentations showcase each

team's semester-long project in which they chose a topic of interest (e.g., effects of Virtual Reality vs. PowerPoint delivery of information on comprehension) and conduct an experiment using fellow lab students as participants; this project serves as their final deliverable for the course and winners of the competition receive extra credit towards overall course grade as well as departmental recognition on a plaque

2017 College of Sciences, Georgia Institute of Technology

Psychology Department Representative

Activities:

- Represented School of Psychology at welcome reception hosted by the College of Sciences (October 27, 2017)
- Discussed undergraduate program curriculum, research opportunities, and campus culture with incoming students and families

2017 Psychology Club, Georgia Gwinnett College (GCC)

Guest Panelist

Activities:

- Represented Georgia Tech's graduate program at panel hosted by GCC's Undergraduate Psychology Club (April 6, 2017)
- Presented on admissions, curriculum, research opportunities, and campus culture

2017 Southeastern Psychological Association (SEPA)

Conference Submission Reviewer

Activities:

- Reviewed proposals for 2017 Annual Conference

PROFESSIONAL AFFILIATIONS

- American Psychological Association (APA)
- Center for the Integration of Research, Teaching, and Learning (CIRTL)
- Georgia Psychological Association (GPA)
- Georgia Psychological Society (GPS)
- Psi Chi National Psychology Honors Society
- Student Alumni Association (SAA), Georgia Institute of Technology
- National Science Foundation Science of Learning Center on Visual Language and Visual Learning (VL2)

RESEARCH INTERESTS

Impact of socially contingent interactions in infancy and early childhood on developmental outcomes (e.g., language acquisition, development of communicative and social skills), and

investigating broader topics in cognition and visual attention in special populations (e.g., deaf, Autism Spectrum Disorder)

GRANT RESEARCH EXPERIENCE

2014-2015 School of Psychology, Georgia Institute of Technology

Graduate Research Assistant

Activities:

- Coordinated materials used for data collection to assist Dr. Leslie DeChurch's involvement as a consultant on this \$1M grant (Project: Planning Knowledge Networks for Scaling Up Impact, Bill & Melinda Gates Foundation) which uses existing social networks and social influence to expedite the scaling up of health innovations in Bihar, India
- Worked as member of a research team to help create materials, schedule and run research participants, and enter and evaluate data collected for multiple research projects investigating multi-team systems

Sum. 2013 National Science Foundation Research Experience for Undergraduates (REU), Georgia Institute of Technology

Undergraduate Research Assistant

Activities:

- Worked on cleaning and organizing data for use in the Army Research Institute (ARI) funded Co-Evolutionary Networks Grant and assisted in the preparation of strategy meetings with the principal investigators and consultants on this project.
- Attended the 2013 Interdisciplinary Network for Group Research (INGRoup) Conference and Social Network Analysis workshop in Atlanta, GA.
- Developed research ideas for a senior thesis and assisted in authorship for a 2014 Society for Industrial and Organizational Psychology (SIOP) Conference poster submission in Honolulu, HI.

Stipend: \$3000, funded as a part of two NSF grants (SES #1056217 and SBE #1063901).

RESEARCH PUBLICATIONS AND PRESENTATIONS

CHAPTERS IN EDITED VOLUMES

DeChurch, L.A., Carter, D.R., Asencio, R., Wax, A., Seely, P.W., Dalrymple, K., **Vaughn, S. A.**, Jones, B., Plummer, G., & Mesmer-Magnus, J.R. (in press). From teams in organizations to organizing in teams. In Anderson, Ones, Sinangil, & Viswesvaran, Handbook of Industrial, Work, and Organizational Psychology: V2: Organizational Psychology (2nd Ed.). Sage Publications Ltd.

CONFERENCE POSTERS, PRESENTATIONS, AND WORKSHOPS

- [8] Botti, C., **Vaughn, S. A.**, Rozga, A., & Singleton, J. L. (2017, April). A comparison of early speech production in typically-developing children and children at-risk for autism spectrum disorder. Poster presented at the 2017 Georgia Undergraduate Research on Psychology Conference, Kennesaw, GA.
- [7] Jensen, M., **Vaughn, S. A.**, Rozga, A., & Singleton, J. L. (2017, April). Developmental trajectory of vocal affect in children at-risk for autism spectrum disorder. Poster presented at the 2017 Georgia Undergraduate Research on Psychology Conference, Kennesaw, GA.
- [6] Botti, C., Jensen, M., **Vaughn, S. A.**, Rozga, A., & Singleton, J. L. (2017, March). Understanding developmental trends in infants at-risk for autism: Evaluation of speech and vocal affect during social play. Poster presented at the 2017 meeting of the Georgia Psychological Association, Atlanta, GA.
- [5] Perkins, H., **Vaughn, S. A.**, & Singleton, J. L. (2016, April). Patterns of responsive gaze behavior: An investigation of infants exposed to sign language. Poster presented at the 2016 meeting of the Georgia Psychological Society, Atlanta, GA.
- [4] **Vaughn, S. A.** (2016, April). ELAN: An introduction to a tool for analyzing video based behavioral data. Workshop presented at the 2016 meeting of the Georgia Psychological Society, Atlanta, GA.
- [3] **Vaughn, S. A.**, & Singleton, J. L. (2016, April). Infant gaze following: Evaluation of experimental consistency of intertrial toy play. Presentation presented at the 2016 meeting of the Georgia Psychological Society, Atlanta, GA.
- [2] **Vaughn, S. A.**, Wax, A., Newman, D. A., DeChurch, L. A. (2015, July). The transmission and absorption of unique information in decision-making teams: A social network perspective. Poster accepted for presentation at the Interdisciplinary Network for Group Research Annual Conference, Pittsburgh, PA
- [1] **Vaughn, S. A.**, Wax, A., Newman, D. A., DeChurch, L. A. (2014, May). Goal orientation and the absorption of unique information in teams. Poster presented at Society for Industrial & Organizational Psychology Annual Conference, Honolulu, HI

OTHER EMPLOYMENT

2017-Present *Sales Associate (Part-time)*, lululemon athletica.

Spring 2018 *Cheerleading and Tumbling Coach*, The Peach Pit Gym.

Spring 2017 *Graduate Assistant to Undergraduate Coordinator*, Georgia Institute of Technology.

2016-2017 *Sales Associate (Part-time)*, ivivva by lululemon.

Summer 2014 *Cheerleading and Tumbling Coach*, Hot Shots Cheerleading and Tumbling Center, Inc.

SOFTWARE SKILLS

- Course management systems (Canvas, T-square, Top Hat, Launchpad)
- ELAN (video coding/annotation software)
- General statistical software packages: SPSS, R
- MS-Office
- Photoshop and video editing (iMovie)
- Basic Java coding (Eclipse)
- Social network analysis: UCInet, and ‘statnet,’ ‘SNA,’ and ‘ergm’ packages in R

GRADUATE COURSEWORK

General Core:	Area Specialization/Minor:
Responsible Conduct of Research	Brain Stimulation Seminar (tDCS, TMS)
Research Design	Neurocognitive Models of Aging
Statistical Analysis I (with SPSS)	Industrial/Organizational Psychology
Statistical Analysis II (with SPSS/R)	Training & Development (I/O)
Developmental Psychology	Employee Selection (I/O)
Cognitive Psychology	

Other: Graduate Teaching Practicum

RELEVANT UNDERGRADUATE COURSEWORK

Psychology Curriculum	Mathematics/Statistics
Abnormal Psychology	Calculus I & II
Biopsychology	Linear Algebra
Cognitive Psychology (with lab)	Psychological Statistics
*Experimental Analysis of Behavior (with lab)	Employee Selection (I/O)
Human Development	Teaching Practicum
*Human Sensation & Perception (with lab)	
Industrial/Organizational Psychology	
Personality Theory	
Psychology of Aging	

Research Methods	
Social Psychology	

* denotes courses that yielded graduate coursework waivers