

Sarah L. Bochat, Au.D.

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Experience highlights

- Clinical researcher interested in hearing loss, hearing aids, physical activity, physical function/mobility, and the influence of personal and environmental factors
- Employs quantitative and qualitative approaches
- Completes coursework in Communication Sciences and Disorders, Public Health, and Aging Studies
- Teaches, supervises, and mentors undergraduate and graduate students

Education

2024 (ant.)	Ph.D. Communication Sciences and Disorders (CSD) University of South Florida (USF), Tampa, FL <i>Advisor: Dr. Michelle Arnold, Au.D., Ph.D.</i>	GPA: 4.0
2020	Au.D. Audiology Clinical Doctorate University of Minnesota, Minneapolis, MN	GPA: 3.9
2019	M.A. Masters of Arts, Audiology University of Minnesota, Minneapolis, MN	
2016	B.A. Bachelor of Arts, CSD University of Wisconsin, Madison, WI	GPA: 3.8

Grants/Scholarships

2022	Jimmy Beans for Brains scholarship for artistic students
2021	Sertoma Communicative Sciences and Disorders scholarship
2021	Education Foundation Scholarship, AANR
2020	Continuing Education Trainee Grant, Acoustical Society of America, Florida Chapter
2017-19	Starkey Hearing Technologies Research scholarship

Awards/Certifications

2023	Provost's award for outstanding teaching by a graduate teaching assistant, Health/Medicine/Behavior Science, USF
2023 (ant.)	Diversity, Equity, and Inclusion in the Workplace Certificate, USF
2020-21	Grad. Professional Development Certification, USF
2021	Grad. Student Research Symposium Winner, Behav. and Community Sciences, USF
2020-21	University Graduate Fellowship, USF
2021-	Florida Clinical Audiology License
2020	Mentored Graduate Student Travel Award, AAS, Scottsdale AZ
2019	Selected student poster presenter, JDVAC, Rosemont IL
2012-16	Dean's list, 7 of 8 semesters, University of Wisconsin-Madison

Publications

Sarah L. Bochat, Au.D.

Jaramillo, A.M., Olson, B.C., Nelson, P., **Bochat, S.L.**, & Doing, M. (2019). Qualitative evaluation of a classroom redesign. *Proceedings of the 23rd International Congress on Acoustics: Integrating 4th EAA Euroregio 2019*, 5877-5881.

Bochat, S.L., Doing, M.B., Nelson, P.B., Jaramillo, A.M., and Olson, B. (2018). Multifunction speech intelligibility in a renovated historic room [Abstract]. *The Journal of the Acoustical Society of America*, 143 (3), 1894-1894.

Presentations

Bochat, S., Higgins, N.C., Goodman, S.S., Eddins, D.A., and Eddins, A.C. (2022). Middle-ear muscle reflex: sensitivity and reliability of thresholds and growth functions. Poster presentation at the Acoustical Auditory Society, Nashville TN.

Bochat, S., Secor, C., Magliaro Aburaya, F., Eddins, D., and Eddins, A.C. (2021). The effect of sound therapy on auditory brainstem function and loudness perception. Poster presentation at the University of South Florida Graduate Student Poster Symposium, Tampa FL.

Bochat, S., Grush, L., Madsen, B., Gulack, A., Hoagland, A., and Billings, C. (2020). Brain and behavioral measures in new hearing aid users. Poster presentation at the American Auditory Society, Scottsdale AZ.

Bochat, S., Papesh, M., and Frederick, M. (2020). Retrospective chart review: auditory processing disorder (APD) in veterans. Poster presentation at the Joint Defense Veterans Annual Conference, Rosemont IL.

Bochat, S. (2019). Self-fitting hearing aids: what are they, how are they fit, and what can we expect? Podium presentation at Marquam Hill Audiology Grand Rounds, Portland OR.

Bochat, S., Doing, M., Nelson, P., Jaramillo, A., and Olson, B. (2018). Multifunction speech intelligibility in a renovated historic room. Podium presentation at the Journal of the Acoustical Society of America, Minneapolis MN.

Courses Taught

USF

Term	Course	Role	Delivery	Level	Enrolled students
Summer 2023	Principles of Amplification II	Instructor	In person	Grad.	14
Spring 2023	Intro. to Disorders of Hearing	Instructor	Virtual	Undergrad.	66
Fall 2022	Speech Perception & Hearing Loss	Guest Lecturer	In person	Grad.	10
Fall 2022	Intro. to Disorders of Hearing	Instructor	Virtual	Undergrad.	28
Summer 2022	Research Procedures in CSD	Instructional Assistant	Virtual	Grad.	54
Spring 2022	Intro. to CSD	Instructor	Virtual	Undergrad.	149
Fall 2021	Intro. to CSD	Instructor	Virtual	Undergrad.	193

Sarah L. Bochat, Au.D.

Summer 2021	Principles of Amplification II	Teaching Assistant	In Person & Virtual	Grad.	13
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Student Supervision

USF

Term	Location	Role	Level	No. of students
Fall 2022	Auditory Rehabilitation & Clinical Trials Laboratory	Lab supervisor	Undergrad.	2
Fall 2021- Spring 2022	Auditory & Speech Sciences Laboratory	Lab supervisor	Grad. (2 nd year)	1
Summer 2021	USF Audiology Clinic & Tampa General Hospital	Clinic supervisor	Grad. (2 nd , 3 rd , & 4 th year)	Varied
Summer 2021	USF Audiology Clinic	Clinic lab proctor & supervisor	Grad. (2 nd year)	13

Research Experience for the Ph.D. (2020-)

Auditory Rehabilitation & Clinical Trials Laboratory, USF

Early Age-Related Hearing Loss Pilot Project (Summer 2022-)

- Pre-post intervention study
- Assess subjective and objective changes in physical activity and function with hearing aid intervention
- Use qualitative analysis to understand changes in physical activity and function using the participant perspective

Auditory & Speech Sciences Laboratory, USF

Middle-Ear Muscle Reflex (MEMR; Spring 2021-22)

- Repeated measures observational comparison study
- Compared clinical and reflex systems that measure the MEMR to identify the system yielding the most sensitive and reliable MEMR

Research Experience for the Au.D. (2016-2020)

National Center for Rehabilitative Auditory Research (NCRAR), Portland, OR

Various projects in clinical audiology research (2019-20)

- Investigated the presentation of auditory processing disorder in Veterans
- Measured short- and long-term changes from hearing aid use with behavioral and electrophysiological measures

Starkey Hearing Technologies, Eden Prairie, MN

Various projects in the department of clinical product research (2017-19)

- Helped develop and pilot test hearing aid features

Sarah L. Bochat, Au.D.

- Completed Audiology Doctoral Project, "Programming self-fitting hearing aids using a self-reported measure of hearing loss"

University of Minnesota, Minneapolis, MN

Speech intelligibility project (2018)

- Collected speech intelligibility data following acoustic renovation of a historic room on campus
- Determined sufficiency of renovation and need for additional modifications

Audiology 4th Year Clinical Externship

VA Portland Health Care System Department of Audiology (2019-20)

- Provided audiology services including diagnostic hearing tests, hearing aid evaluations/fittings, and progressive tinnitus management.

Other work Experience

Fiscal Assistance, Inc., Madison, WI

Personal Care Worker (2014-16)

- Helped adult with quadriplegia complete activities of daily living

Service

2023- Special Olympics hearing screener, Tampa, FL

2022 Audio/Visual Tech. Support, ASA 183rd conference, Nashville, TN

2022- CSD PhD student bulletin board manager, USF

2021 Undergrad. Research Conference poster judge, USF

2021 CSD Career Seminar facilitator, USF

Designed and coordinated a virtual career seminar for undergraduate Students. A panel of guest speakers from around the U.S. discussed their career paths in CSD and related fields.

2020- CV and letter of intent editor (~20 hrs./semester), USF

2016-18 Mid-Continental Oceanographic Institute volunteer, St. Paul, MN

2016 Special Olympics hearing screener, Minneapolis, MN

Memberships/Involvement

2021- National Center for Faculty Development and Diversity member

2021- Teaching Practice Group member, USF

Students, researchers, and clinicians in CSD and related fields practicing disseminating research to a wide audience.

2021- NCRAR Seminar Series member

2020- START-CSD Vice President, USF

Sarah L. Bochat, Au.D.

A student organization dedicated to supporting undergraduate, graduate, and post-graduate students in CSD and related fields. Duties include coordinating outreach events.

2016- Audiology online member

2012-16 Supporting Peers in Laid-Back Listening (SPILL) member, Madison, WI