

Gregory Anderson

Psychologist - Human Factors & Applied Cognition
Speech Language Pathologist



Audio wave: "It Ain't Easy Being Green"

Gregory Anderson
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EDUCATION

Doctorate of Philosophy

Psychology: Human Factors/Applied Cognition, George Mason University

Master of Arts

Psychology: Human Factors/Applied Cognition, George Mason University

Master of Science

Speech-Language Pathology, University of Arizona

Bachelor of Arts

Speech and Hearing Sciences, University of California at Santa Barbara

ASSOCIATIONS

Mensa

Cognitive Science Society

Human Factors & Ergonomics Society

Society for Chaos Theory in Psychology & Life Sciences

American Speech-Language Hearing Association

TECHNICAL SKILLS

Audio Design and Analysis - Audition, Praat, Logic Pro, SoundForge, Pro Tools

Statistical / Mathematical - MatLab, SPSS, Origin

Application Programming - RealBasic

Web Design - RapidWeaver, Flux, Dreamweaver, Flash, HTML/CSS

Graphics - Photoshop, Illustrator, Director, Fireworks

Productivity - Microsoft Office, iWork, Omnigraffle, Visio

PROJECTS / AWARDS

High Potential Graduate Student Award

Office of the Provost, George Mason University

Website Redesign

Arch Lab HF/AC Program <http://archlab.gmu.edu/>

FMS Training Study

Improving Aviation Safety Through Training and Design project

Newsletter Editor

Arch Lab HF/AC Program, George Mason University

For a list of recent projects and samples of my work, please visit www.candyblue.net

PUBLICATIONS

- “Non-Linear Dynamics of Speech Perception” Dissertation (in process)
- “Robot-Directed Speech: Using Language to Assess First-Time Users' Conceptualizations of a Robot” Proceedings of the 5th ACM/IEEE international conference on Human-robot interaction, March 02-05, 2010, Osaka, Japan
- “Robot-Directed Speech as a Means of Exploring Conceptualizations of Robots” Proceedings of the 4th ACM/IEEE International Conference on Human Robot Interaction, March 09-13, 2009, La Jolla, California, USA
- “The Pervasiveness of 1/F Scaling in Speech Reflects the Metastable Basis of Cognition.” Cognitive Science: A Multidisciplinary Journal, 32(7), 1217-1231.
- “The Fractal Fabric of Speech” Proceedings of the Cognitive Science Society Conference, Vancouver British Columbia 2006
- “The Language to Literacy Connection” Proceedings of the CSUN Assistive Technology Conference, Northridge, California 2000

PRESENTATIONS

- Society for Chaos Theory in Psychology & Life Sciences (7/07) “1/f Scaling in Speech”
- Cognitive Science Society (7/06). “The Fractal Fabric of Speech”
- Arizona Speech & Hearing Association (4/00). “The Language to Literacy Connection”
- CSUN Assistive Technology (3/00). “The Language to Literacy Connection”
- CAPED (10/99). “The Language to Literacy Connection”
- Association of Christian Schools International (10/99). “The Language to Literacy Connection”
- National Romanian Orphan Reunion Conference (6/99) “Auditory Processing Deficits in Low-Stimulation Early Childhood Environments”
- San Mateo Speech & Hearing Association (6/99) “Fast ForWord, Phonological Awareness and Language”
- Saskatchewan Speech & Hearing Association (4/99). “Fast ForWord, Phonological Awareness and Language”
- Idaho Speech & Hearing Association (4/99). “The Language to Literacy Connection”

PROFESSIONAL EXPERIENCE

- Psychology Research Assistant** 2005-2010
George Mason University – Fairfax, VA
Conducted research on human-computer (robot) interaction, cognitive dynamics, phonological learning and emergent properties of dialog.
- Lecturer/Clinical Supervisor** 2004
San Francisco State University – San Francisco, CA
Taught graduate and undergraduate level courses in communication disorders. Supervised and evaluated graduate student clinicians.
- Project Manager** 2000-2004
Independent Contractor - San Francisco, CA
Conducted outcomes research projects in local schools and communities.
- Usability Tester** 2000-2004
Independent Contractor (Antares Audio Technologies, Wave Arts, Camel Audio)
- Regional Representative / Account Manager / Trainer** 1997-2000
Scientific Learning™ - Berkeley, CA
Provided consultation to clinicians on the use of cognitive training programs. Duties also included presentations at conferences, development of training seminars and management of research projects.
- Speech-Language Pathologist** 1990-2009
Independent Contractor - Portland OR, San Francisco CA and Fairfax VA