

CURRICULUM VITAE

Adam S. Greenberg PhD

Assistant Dean, Assistant Professor
Department of Biomedical Engineering
Assistant Dean of Postdoctoral Education
School of Graduate Studies

OFFICE ADDRESS:

Translational and Biomedical Research Center
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EDUCATION:

1996 B.S., Biomedical Engineering, Case Western Reserve University, Cleveland, OH
2001 M.S., Biomedical Engineering, University of Alabama at Birmingham, Birmingham, AL
2010 Ph.D., Psychological and Brain Sciences, Johns Hopkins University, Baltimore, MD

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

2001 - 2004 Research Scientist, Lab of Brain & Cognition, National Institute of Mental Health, Bethesda, MD
2010 - 2013 Postdoctoral Researcher, Center for the Neural Basis of Cognition, Carnegie Mellon University, Pittsburgh, PA

FACULTY APPOINTMENTS:

2013 - Present Adjunct Assistant Professor, Clinical & Translational Science Institute of SE Wisconsin, Milwaukee, WI
2013 - 2019 Assistant Professor, Psychology (Neuroscience), University of Wisconsin-Milwaukee, Milwaukee, WI
2019 - Present Assistant Professor, Joint Department of Biomedical Engineering, Medical College of Wisconsin and Marquette University, Milwaukee, WI
2019 - Present Assistant Professor (Secondary), Ophthalmology & Visual Sciences, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

2022 - Present Assistant Dean of Postdoctoral Education, School of Graduate Studies, Medical College of Wisconsin, Milwaukee, WI

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

2020 - Present Co-Director, Biomedical & Health Informatics Joint PhD Program, Medical College of Wisconsin & University of Wisconsin-Milwaukee, Milwaukee, WI

RESEARCH ADMINISTRATIVE APPOINTMENTS:

2021 - Present Co-Director, Marquette Visualization Lab (MARVL), College of Engineering, Marquette University, Milwaukee, WI

AWARDS AND HONORS:

1995 Undergrad Research Internship Award, Case Alumni Association, Case Western Reserve University
1996 - 1999 Graduate Fellowship, School of Engineering, University of Alabama at Birmingham
2001 - 2003 Intramural Research Training Award (IRTA) Fellowship, Intramural Research Program, National Institute of Mental Health

2007 Finalist, Dean's Teaching Fellowship, Johns Hopkins University
2008 Travel Award, Marie Curie School in Neuroscience, Abruzzo, Italy
2016 - Present Fellow (elected), The Psychonomic Society
2020 - Present (3 years running) Annual Outstanding Graduate School Educator Award, Medical College of Wisconsin
2022 - 2023 Participant (nominated & selected), Leadership Academy, Medical College of Wisconsin

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

1996 - Present Biomedical Engineering Society
2001 - Present Society for Neuroscience
2003 - Present Organization for Human Brain Mapping
2003 - Present Cognitive Neuroscience Society
2004 - Present Vision Sciences Society
2007 - Present Psychonomic Society

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship

2015 - 2016 Guest Associate Editor: Attention, Perception, & Psychophysics

Editorial Board

2021 - Present Frontiers in Psychiatry

Ad-Hoc Reviewer

eNeuro
Frontiers in Psychology
Journal of Cognitive Neuroscience
Journal of Neuroscience
Journal of Vision
Neuropsychologia
PLOS ONE
Psychiatry Research
PeerJ
Frontiers in Psychiatry
Journal of Experimental Psychology: Human Perception & Performance
Journal of Experimental Psychology: General
Journal of Neuropsychiatry & Cognitive Science
Cerebral Cortex
Nature Neuroscience
Vision
Brain Research
Attention, Perception, & Psychophysics
Human Brain Mapping
NeuroImage
Neuron
Neuroscience
Proceedings of the National Academy of Sciences
Psychological Research
Psychonomic Bulletin & Review
Quarterly Journal of Experimental Psychology
Nature Scientific Reports
NeuroImage-Clinical
Behavioural Brain Research
Experimental Brain Research

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2014 Reviewer, NSF Partners for International Research Experiences-Internal Review, University of Wisconsin-Milwaukee
2014 Reviewer, Pilot & Collaborative Clinical & Translational Research Grant, Clinical & Translational Science Institute of SE Wisconsin

2017 Reviewer, Research and Creative Activities Support Award, University of Wisconsin-Milwaukee
 2019 Reviewer, Support for Undergraduate Research Fellowship (SURF), University of Wisconsin-Milwaukee
 2019 Reviewer, Collaborative Research Team Development Program, University of Wisconsin-Milwaukee
 2019 Chair, Wisconsin AFNI Bootcamp Organizing Committee
 2020 Reviewer, AHW Cognitive Neuroscience Research Program, Department of Neurology, Medical College of Wisconsin

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2001 Session Chair, Medical Imaging Session, 2001 Southern Biomedical Engineering Conference, Birmingham, AL
 2002 Session Co-Chair, Physics, Methods, & Signals Session, fMRI Experience IV Conference, Washington, DC
 2016 Member, Pilot Project Award Review Committee, Institute for Clinical & Translational Science of University of California-Irvine
 2016 - 2019 Member, Abstract Review Committee, Psychonomic Society
 2016 Reviewer, Understanding the Human Mind McGuigan Early Career Investigator Grant Review Committee, American Psychological Association
 2017 Session Chair, Functional Basis of Attention Nanosymposium Session, 2017 Society for Neuroscience Annual Meeting
 2017 Reviewer, Understanding the Human Mind McGuigan Early Career Investigator Grant Review Committee, American Psychological Association
 2018 Reviewer, Understanding the Human Mind McGuigan Early Career Investigator Grant Review Committee, American Psychological Association
 02/2019 Ad Hoc Reviewer, Mechanisms of Sensory, Perceptual, & Cognitive Processes (SPC) Study Section, National Institutes of Health
 2020 - Present Member, Cancer-Related Cognitive Impairment Network, National Cancer Institute, National Institutes of Health
 2020 Reviewer, FJ McGuigan Dissertation Award Review Committee, American Psychological Foundation
 10/2021 Member, Sensory & Motor Neuroscience, Cognition, & Perception (F02B) Fellowship Study Section, National Institutes of Health
 2021 Reviewer, FJ McGuigan Dissertation Award Review Committee, American Psychological Foundation
 02/2022 Member, Sensory & Motor Neuroscience, Cognition, & Perception (F02B) Fellowship Study Section, National Institutes of Health
 2022 Reviewer, FJ McGuigan Early Career Investigator Grant Review Committee, American Psychological Foundation

INTERNATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2015 Reviewer, Young Scientist Research Grant Review Committee, German-Israel Foundation for Scientific Research and Development
 2016 Reviewer, Individual Research Grant Review Panel, Israel Science Foundation
 2018 Reviewer, Individual Research Grant Review Panel, Israel Science Foundation

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	Leveraging Cognitive Science to Identify Biomarkers of 'Chemobrain'
Source:	Greater Milwaukee Foundation
Role:	Principal Investigator
Dates:	2017 - 2022
Direct Funds:	\$200,000
Title:	Research Grant
Source:	American Society of Breast Surgeons Foundation

Role: Principal Investigator
Dates: 2018 - 2022
Direct Funds: \$5,000

Title: Individual differences in voxel-wise modeling of attention fields in the human motor system

Source: Research Growth Initiative, University of Wisconsin-Milwaukee

Role: Co-Principal Investigator
PI: W. Huddelston
Dates: 2019 - 2022
Direct Funds: \$177,091

Title: Hearing Loss-Associated Cognitive Decline and Rehabilitation

Source: New Faculty Award, Medical College of Wisconsin

Role: Co-Investigator
PI: M. Harris
Dates: 2021 - 2023
Direct Funds: \$20,000

Title: fMRI Reverse Correlation as a Novel Method for Revealing Computations Underlying Perceptual Grouping

Source: National Science Foundation

Role: Principal Investigator
Dates: 2021 - 2024
Direct Funds: \$695,051

Title: Neurobiological Mechanisms of Hearing Loss-Associated Cognitive Decline and Rehabilitation

Source: Imagine More Award for Dementia Research, Neuroscience Research Center, Medical College of Wisconsin

Role: Principal Investigator
Dates: 2021 - 2022
Direct Funds: \$25,000

Title: Understanding the Real World Effects of Breast Cancer and its Treatment on Cognitive Functioning: A Longitudinal, Nationally Representative Study

Source: Advancing a Healthier Wisconsin Endowment

Role: Co-Investigator
PI: L. Pezzin, A. Nattinger
Dates: 2022 - 2023
Direct Funds: \$50,000

Title: Neuroimaging and behavioral evidence of subjective cognitive decline in adults at-risk for Alzheimer's disease

Source: Clinical & Translational Science Institute of Southeast Wisconsin

Role: Principal Investigator
Dates: 2022 - 2023
Direct Funds: \$50,000

Title: Retinal Contributions to Vision Loss in Albinism
Source: (R01) National Institutes of Health
Role: Co-Investigator
PI: J. Carroll
Dates: 2022 - 2026
Direct Funds: \$3,366,481

Title: Longitudinal, Nationally Representative Study of Cognition-Related Effects of Breast Cancer and its Treatment
Source: (R01) National Cancer Institute, National Institutes of Health
Role: Co-Investigator
PI: A. Nattinger, L. Pezzin
Dates: 2022 - 2026
Direct Funds: \$1,560,000

Non-Peer Review

Title: Support for Undergraduate Research Fellows
Source: University of Wisconsin-Milwaukee
Role: Sponsor
Dates: 2022
Direct Funds: \$2,000

Pending

Peer Review

Title: Assessment of Neurocognitive Function in Subjects that had HCT as Children
Source: Children's Cancer Research Fund
Minneapolis
Role: Co-Investigaor
PI: R. Phelan
Dates: 2023 - 2025
Direct Funds: \$249,998

Prior

Peer Review

Title: Neural Sources of Perceptual Filling-In
Source: Alabama Center for Imaging Research, University of Alabama at Birmingham
Role: Principal Investigator
Dates: 1999
Direct Funds: \$10,000

Title: Perceptual Organization and Attention: Behavior & fMRI
Source: (F31) National Institute of Neurological Disease & Stroke, National Institutes of Health

Role:	Principal Investigator
Dates:	2006 - 2009
Direct Funds:	\$114,743
Title:	The Neural Basis of Object-Guided Attention and its Evolutionary Origin
Source:	Start-Up Grant, US-Israel Binational Science Foundation
Role:	Principal Investigator
Dates:	2014 - 2017
Direct Funds:	\$120,000
Title:	Tonotopic Mapping & Cortical Magnification Estimation at 7 Tesla
Source:	Daniel M. Soref Award, Medical College of Wisconsin Center for Imaging Research
Role:	Principal Investigator
Dates:	2015 - 2016
Direct Funds:	\$7,500
Title:	Cortical Structure and Function as Possible Mediators of Performance on an Attention task: A Pilot Study
Source:	Clinical & Translational Science Institute of Southeast Wisconsin
Role:	Co-Principal Investigator
PI:	W. Huddelston, E. DeYoe
Dates:	2016 - 2018
Direct Funds:	\$50,000
Title:	The Universal Nature of Topographic Maps as the Structural Foundation of Attention
Source:	Research Growth Initiative, University of Wisconsin, Milwaukee
Role:	Principal Investigator
Dates:	2016 - 2018
Direct Funds:	\$202,528
Title:	Leveraging Big Data to Unmask the Functional Connectome of Attention
Source:	Collaborative Research Grant, University of Wisconsin, Milwaukee
Role:	Co-Principal Investigator
PI:	W. Huddelston, E. DeYoe
Dates:	2017 - 2018
Direct Funds:	\$15,000
Title:	Neuropsychological & Neurobiological Markers of Attentional Control Fluctuations Associated with Anxiety
Source:	Pilot Grant, Clinical & Translational Science Institute of Southeast WI
Role:	Principal Investigator
Dates:	2018 - 2021
Direct Funds:	\$50,000

Title: An iPad App for At-Home Evaluation & Mitigation of Chemobrain Symptoms
Source: Biomedical Engineering Pilot Award, Advancing a Healthier Wisconsin Endowment
Role: Principal Investigator
Dates: 2020 - 2021
Direct Funds: \$25,000

Title: Increased Precision of Non-Invasive Brain Stimulation: Future Applications to Chemobrain
Source: Medical College of Wisconsin, Office of Research
Role: Co-Principal Investigator
PI: P. Shah
Dates: 2020 - 2021
Direct Funds: \$37,525

Non-Peer Review

Title: Attentional Underpinnings of Advertising
Source: Advertising Research Foundation
Role: Principal Investigator
Dates: 2012
Direct Funds: \$25,000

Title: Postdoctoral NRSA Fellowship
Source: (T32) National Institutes of Health
Role: Trainee
PI: L. Reder
Dates: 2012 - 2013
Direct Funds: \$75,000

Title: Support for Undergraduate Research Fellow
Source: Office of Undergraduate Research, University of Wisconsin-Milwaukee
Role: Sponsor
Dates: 2014 - 2021
Direct Funds: \$77,300

Title: Tonotopic Mapping & Cortical Magnification Estimation at 7 Tesla
Source: Daniel M. Soref Award, Center for Imaging Research, Medical College of Wisconsin
Role: Principal Investigator
Dates: 2015 - 2016
Direct Funds: \$7,500

Title: New Online Course Development Grant
Source: College of Letters & Science, University of Wisconsin-Milwaukee
Role: Principal Investigator
Dates: 2016

Direct Funds: \$5,000
Title: Online Course Seed Funding Grant
Source: Graduate School, University of Wisconsin-Milwaukee
Role: Principal Investigator
Dates: 2018
Direct Funds: \$4,000

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Adam S. Greenberg, Psychology Colloquium, University of Wisconsin-Milwaukee, Milwaukee, WI, 01/2013
Adam S. Greenberg, Biophysics Graduate Seminar, Medical College of Wisconsin, Milwaukee, WI, 01/2015
Adam S. Greenberg, PBS Screening & Lecture: "The Brain", Elm Grove Public Library, Elm Grove, WI, 06/2017
Adam S. Greenberg, Vision Science Forum, MCW Department of Ophthalmology, Milwaukee, WI, 03/2018
Adam S. Greenberg, Biomedical Engineering Seminar, Marquette University, 10/2019
Adam S. Greenberg, Breast Cancer Symposium, Department of Surgery, Medical College of Wisconsin, 11/2019
Adam S. Greenberg, Biophysics Graduate Seminar, Medical College of Wisconsin, Milwaukee, WI, 02/2021
Adam S. Greenberg, Oncology Seminar, Children's Wisconsin, (virtual) MCW Department of Pediatrics, Milwaukee, WI, 05/2021
Adam S. Greenberg, KERN Institute, Medical College of Wisconsin, 04/2022
Adam S. Greenberg, Greater Milwaukee Parkinson's Disease Support Group, Mequon, WI, 09/2022
Adam S. Greenberg, (virtual) GynOnc Clinical Research Meeting, MCW Department of Obstetrics and Gynecology, 10/2022

Regional

Adam S. Greenberg, Natural & Social Sciences Colloquium, Carthage College, Kenosha, WI, 02/2014
Adam S. Greenberg, Psychology Colloquium, Department of Psychology, University of Wisconsin-Madison, Madison, WI, 11/2014
Adam S. Greenberg, Breast Care 101 Symposium, MCW Department of Surgery, Milwaukee, WI, 11/2018
Adam S. Greenberg, MCW Brain Expo, Medical College of Wisconsin, Milwaukee, WI, 03/2019
Adam S. Greenberg, Carthage College, Kenosha, WI, 03/2019
Adam S. Greenberg, Stroke Rehabilitation Center of SE Wisconsin, Virtual Event, 05/2020
Adam S. Greenberg, Updates in Surgical Oncology, (virtual) Department of Surgery, MCW, 10/2020
Adam S. Greenberg, Advisory Board Meeting, MCW Neuroscience Research Center, Virtual Event, 08/2022

National

Adam S. Greenberg, Psychology Colloquium, George Mason University, Fairfax, VA, 12/2008
Adam S. Greenberg, Psychology Talk, Carnegie Mellon University, Pittsburgh, PA, 09/2009
Adam S. Greenberg, Neuroscience Colloquium, Georgetown University, Washington, DC, 10/2009
Adam S. Greenberg, Psychology Brownbag, University of Pittsburgh, Pittsburgh, PA, 03/2010
Adam S. Greenberg, Annual Retreat, Center for the Neural Basis of Cognition, Seven Springs, PA, 10/2010 (2 workshops) Neural Mechanisms of Attention, Multimodal Neuroimaging Training Program, Center for the Neural Basis of Cognition, Pittsburgh, PA, 2011 - 2013
Adam S. Greenberg, Psychology Colloquium, University of Nevada-Reno, Reno, NV, 02/2013
Adam S. Greenberg, Psychology Brownbag, George Mason University, Fairfax, VA, 10/2013
Adam S. Greenberg, Psychology Brownbag, Michigan State University, East Lansing, MI, 10/2014
Adam S. Greenberg, Applied Physics Lab, Johns Hopkins University, Laurel, MD, 01/2019
Adam S. Greenberg, Cancer-Related Cognitive Impairment Network, (virtual) National Cancer Institute, National Institutes of Health, 11/2020

International

Adam S. Greenberg, Psychology Colloquium, University College London, London, UK, 07/2009
Adam S. Greenberg, Psychology Colloquium, University of Toronto-Scarborough, Toronto, ON, Canada,

12/2012
Adam S. Greenberg, Institute of Information Processing & Decision Making, University of Haifa, Israel,
01/2016

COMMITTEE SERVICE:

Medical College of Wisconsin

- 2019 - Present Member, Organizing Committee, MCW Brain Expo, Medical College of Wisconsin
- 2019 - Present Faculty Organizer, PhD Program Interview Day Committee, Biomedical Engineering, Medical College of Wisconsin
- 2019 - Present Member, Graduate Studies Committee, Biomedical Engineering, Medical College of Wisconsin
- 2020 - 2021 Alternative Course Instructor (COVID-19), Statistics for Biomedical Engineering (BIEN 2100), Biomedical Engineering, Marquette University
- 2020 - Present Member, Research Affairs Committee, Medical College of Wisconsin
- 2020 - Present Member, Committee on Self-Imposed Regulatory Burden, Medical College of Wisconsin
- 2020 - Present Member, Admissions Steering Committee, Neuroscience Doctoral Program, Medical College of Wisconsin
- 2020 - 2022 Co-Lead, Internal Subgroup, Neurosciences Research Workgroup, Research Strategic Planning Steering Committee, Medical College of Wisconsin
- 2020 - Present Neurocognitive Core Leader, Core Leaders Team, Center for Imaging Research, Medical College of Wisconsin
- 2021 - Present Member, Mentoring Committee, Neuroscience Doctoral Program, Medical College of Wisconsin
- 2022 - Present Department Representative, SPUR Faculty Advisory Committee, Graduate School, Medical College of Wisconsin
- 2022 - Present Member, Research Bank Custodial Committee, Ophthalmology, Medical College of Wisconsin

MEDICAL COLLEGE TEACHING ACTIVITIES:

Graduate Student Education

- 2018 - Present (3 terms) Lecturer, Biology of Vision
- 2019 - Present (7 terms) Organizer, Neuroimaging Journal Club, Department of Biomedical Engineering
- 2019 - Present (2 terms) Lecturer, Advanced Systems Neuroscience
- 2020 - Present (2 terms) Lecturer, fMRI Contrast Mechanisms
- 01/2021 - 05/2021 Course Director, MRI Journal Club, Department of Biophysics
- 11/2021 - 02/2022 Co-Director, MATLAB Winter Workshop, Department of Biomedical Engineering
- 2021 - Present (1 term) Lecturer, Cognitive Neuroscience
- 2021 - Present (2 terms) Instructor, New PhD Student Bootcamp, School of Graduate Studies
- 2021 - Present (2 terms) Lecturer, Fundamentals of Neuroscience

EXTRAMURAL TEACHING:

Community/Lay Public

- 2006 - 2009 Baltimore Polytechnic Institute High School, (4 terms) Lecturer, Brain Myths, Brain Awareness Week

Graduate Student Education

- 2006 - 2009 Johns Hopkins University, (8 terms) Co-Organizer, Functional Neuroimaging Graduate Seminar, Department of Psychological & Brain Sciences
- 2008 Johns Hopkins University, (1 term) Lecturer, Multivariate Statistical Methods, Department of Psychological & Brain Sciences
- 2010 - 2013 Carnegie Mellon University, (7 terms) Co-Organizer, Neuroimaging Journal Club, Center for the Neural Basis of Cognition
- 2012 University of Pittsburgh, (1 term) Lecturer, Mapping Brain Connectivity, Department of Psychology
- 2013 - 2018 University of Wisconsin-Milwaukee, (6 terms) Lecturer, Biological Psychology Proseminar,

Department of Psychology
2013 - 2018 University of Wisconsin-Milwaukee, (11 terms) Organizer, Neuroimaging Journal Club,
Department of Psychology
2014 - 2017 University of Wisconsin-Milwaukee, (7 terms) Co-Organizer, Neuronal Control &
Interference Journal Club, Department of Psychology
2015 - 2017 University of Wisconsin-Milwaukee, (3 terms) Course Director, Seminar in Neuroscience,
Department of Psychology
2021 - Present Medical College of Wisconsin & Marquette University, (3 terms) Course Director,
Advanced Seminar in Neuroimaging, Department of Biomedical Engineering

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Medical Students

Samantha Moore, Medical College of Wisconsin, 2020 - Present Co-Advisor, Alpha Omega Alpha
Carolyn L. Kuckein Student Research Fellowship

Graduate Students

PhD Students Advised

Brooke Greiner, Medical College of Wisconsin, 2019 - Present Resting-State Functional Connectivity as
a Biomarker of an Individual's Personality Traits and Psychological Health, 4 conference abstracts
David Hughes, Medical College of Wisconsin, 2020 - Present, 2 conference abstracts

PhD Committees

Heather Heitkotter, Medical College of Wisconsin, 2019 - Present Multimodal Assessment of
Photoreceptor Structure and Function in Retinal Trauma
Wesley Richerson, Medical College of Wisconsin, 2019 - Present Understanding the Progression of
Cognitive Decline in People with End Stage Renal Disease on Hemodialysis Using Magnetic
Resonance Imaging of the Brain
Kyle Johnson, Medical College of Wisconsin, 2020 - Present
Ricardo Vega, Medical College of Wisconsin, 2021 - Present
Jia-Qing (Tony) Tong, Medical College of Wisconsin, 2021 - Present An Investigation of the
Embodiment Account of Event Representation in the Brain
Joseph Kreis, Medical College of Wisconsin, 2022 - Present Retinal Structure and Function in
Congenital and Acquired Disease
Savannah Duenweg, Medical College of Wisconsin, 2022 - Present Non-Invasive Tracking of Prostate
Cancer Risk Assessment Using Radio-Pathomic Mapping

Postdoctoral Students

Gennadiy Gurariy, Medical College of Wisconsin, 2018 - Present Advisor, 3 manuscripts; 14 conference
abstracts
Ethan Duwell, Medical College of Wisconsin, 2022 - Present Advisor

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

Undergraduate Students

Katherine Potkonjak, University of Wisconsin-Milwaukee, 2013 - 2016 RA Supervisor
Matthew Bach, University of Wisconsin-Milwaukee, 2013 - 2014 RA Supervisor
Grace Nicora, University of Wisconsin-Milwaukee, 2014 - 2016 RA Supervisor
Nicole Kashian, University of Wisconsin-Milwaukee, 2014 - 2015 RA Supervisor
Hannah Sallmann, University of Wisconsin-Milwaukee, 2015 - 2019 RA Supervisor
Richard (Dick) Dubbelde, University of Wisconsin-Milwaukee, 2015 - 2017 RA Supervisor
Souriyo Dishak, University of Wisconsin-Milwaukee, 2016 - 2017 RA Supervisor
Cassandra Doolittle, University of Wisconsin-Milwaukee, 2017 - 2019 RA Supervisor
AnnDee Johnson, University of Wisconsin-Milwaukee, 2017 - 2019 RA Supervisor
Erin Van den Bosch, University of Wisconsin-Milwaukee, 2017 - 2020 RA Supervisor
Sana Shakir, University of Wisconsin-Milwaukee, 2018 - 2022 RA Supervisor
Cassandra Doolittle, University of Wisconsin-Milwaukee, 2018 - 2019 Honors Thesis Advisor

Samiah Ziadeh, Marquette University, 2020 - 2022 RA Supervisor
Sana Shakir, University of Wisconsin-Milwaukee, 2020 - 2021 Honors Thesis Advisor
Hassan Khokhar, University of Wisconsin-Milwaukee, 2020 - 2021 RA Supervisor
Trisha Xiong, Mount Mary University, 2021 - 2022 SPUR Supervisor
Daniel Schoensee, University of Wisconsin-Milwaukee, 2022 - Present PURE Supervisor
Maisey Kenney, Marquette University, 2022 - Present RA Supervisor
Lillian Hassan-Thomas, University of Wisconsin-Milwaukee, 2022 - Present RA Supervisor

Graduate Students

MS Committees

Tara Miskovich, University of Wisconsin-Milwaukee, 2013 - 2015 Reward Distracters and Working Memory Performance
Katelin Bauer, American University, 2022 - Present

PhD Committees

Daniel Stout, University of Wisconsin-Milwaukee, 2013 - 2016 Neural Circuitry Underlying the Intrusion of Task-Irrelevant Threat into Working Memory in Anxiety
Emily L. Belleau, University of Wisconsin-Milwaukee, 2013 - 2015 Neural Plasticity of Extinction: Relations with Anxiety and Extinction Retention
Laura Korthauer, University of Wisconsin-Milwaukee, 2014 - 2017 Structural and Functional Brain Connectivity in Middle-Aged Carriers of Risk Alleles for Alzheimer's Disease
Laurel Watkins de Jong, University of Wisconsin-Milwaukee, 2015 - 2020 The Network Origins of Hippocampal Cellular Activity Patterns
Walker Pedersen, University of Wisconsin-Milwaukee, 2016 - 2017 Investigating the Functional Connectivity of the Bed Nucleus of the Stria Terminalis During Conditions of Threat and Safety Using High Resolution 7 Tesla fMRI
Elaine Mahoney, University of Wisconsin-Milwaukee, 2016 - 2017 Neural Correlates of Memory Decisions Made in the Face of Conflict
Maysam Ardehali, University of Wisconsin-Milwaukee, 2017 - Present
Nooshin Fesharaki, University of Wisconsin-Milwaukee, 2017 - 2021 Resting-State Versus Breath-Hold for Testing Functional Magnetic Resonance Imaging Integrity in Pre-Surgical Planning
Lauren Hopkins, University of Wisconsin-Milwaukee, 2017 - 2020 Brain Mechanisms of Fear Learning Under Uncertainty
Reshma James, University of Wisconsin-Milwaukee, 2019 - Present Investigating an Optimal Training Protocol that Leads to Better Savings and Long-Term Retention of Visuomotor Learning in Older Adults
Jessica Gill, University of Wisconsin-Milwaukee, 2020 - 2022 Examining the Relationships Between Occupational Factors, Health Behaviors, Inhibitory Control, and Weight Status Among Hospital-Based Nurses

PhD Students Advised

Adam J. Barnas, University of Wisconsin-Milwaukee, 2014 - 2019 Reexamining Object-Based Visual Attention: Understanding the Nature of Direction-Dependent Attention Shifts, 3 manuscripts; 12 conference abstracts
Christopher M. Reynolds, University of Wisconsin-Milwaukee, 2018 - Present Identifying Neural Mechanisms of Cognitive Dysfunction in 'Chemobrain', 3 conference abstracts

Postdoctoral Students

Shahd Al-Janabi, University of Wisconsin-Milwaukee, 2014 - 2017 Advisor, 3 manuscripts; 10 conference abstracts

NON-MCW COMMITTEE SERVICE:

1999 - 2001 Graduate Student Representative, Dean's Graduate Council, University of Alabama at Birmingham
2005 - 2006 Co-Chair, Colloquium Committee, Department of Psychological & Brain Sciences, Johns Hopkins University
2008 - 2009 Peer Mentor, Graduate Student Mentoring Program, Johns Hopkins University
2011 - 2013 Co-Chair, Postdoctoral Liaison Committee, Center for the Neural Basis of Cognition, Carnegie

RESEARCH STAFF SUPERVISED:

- 2013 - 2014 Daniel Hayes, Lab Manager, University of Wisconsin-Milwaukee
- 2014 - 2016 Tajsha Koester, Lab Manager, University of Wisconsin-Milwaukee
- 2016 - 2018 Leah Stoiber, Lab Manager, University of Wisconsin-Milwaukee
- 2018 - 2020 Souriyo Dishak, Lab Manager, Medical College of Wisconsin
- 2020 - 2022 Lauren Elliott, Lab Manager, Medical College of Wisconsin
- 2022 - Present Samiah Ziadeh, Lab Manager, Medical College of Wisconsin

UWM COMMITTEE SERVICE:

- 2013 - 2014 Member, Behavior Analysis Faculty Search Committee, Department of Psychology, University of Wisconsin-Milwaukee
- 2013 - 2018 Faculty Organizer, Neuroscience PhD Program Interview Day, Department of Psychology, University of Wisconsin-Milwaukee
- 2014 - 2019 Member, Technology Committee, Department of Psychology, University of Wisconsin-Milwaukee
- 2014 - 2019 Member, Assessment Sub-Committee, Department of Psychology, University of Wisconsin-Milwaukee
- 2015 - 2019 Member (Chair 2015-2017), Colloquium Committee, Department of Psychology, University of Wisconsin-Milwaukee
- 2015 - 2019 Member, Space Committee, Department of Psychology, University of Wisconsin-Milwaukee
- 2016 - 2019 Member, Institutional Review Board, University of Wisconsin-Milwaukee
- 2016 - 2017 Chair, Research Participation Committee, Department of Psychology, University of Wisconsin-Milwaukee
- 2017 - 2018 Member, Clinical Psychology Faculty Search Committee, Department of Psychology, University of Wisconsin-Milwaukee
- 2017 - 2019 Member (Chair 2017-2018), Alumni Relations & Development Committee, Department of Psychology, University of Wisconsin-Milwaukee

UNDERGRADUATE TEACHING ACTIVITIES:

- 2004 (1 term) Lecturer, Law & Psychology, Department of Psychological & Brain Sciences, Johns Hopkins University
- 2005 (1 term) Lecturer, Animal Behavior, Department of Psychological & Brain Sciences, Johns Hopkins University
- 2005 (1 term) Lecturer, Human Sexuality, Department of Psychological & Brain Sciences, Johns Hopkins University
- 2006 (1 term) Lecturer, Sleep, Dreams, & Consciousness, Department of Psychological & Brain Sciences, Johns Hopkins University
- 2006 (1 term) Course Director, Laboratory in the Analysis of Psychological Data, Department of Psychological & Brain Sciences, Johns Hopkins University
- 2007 - 2008 (2 terms) Lecturer, Sensation & Perception, Department of Psychological & Brain Sciences, Johns Hopkins University
- 2007 (1 term), Lecturer, Advanced Statistical Methods, Department of Psychological & Brain Sciences, Johns Hopkins University
- 2012 (1 term) Lecturer, Cognitive Neuropsychology, Department of Psychology, Carnegie Mellon University
- 2012 - 2013 (2 terms) Lecturer, Research Methods in Cognitive Psychology, Department of Psychology, Carnegie Mellon University
- 2012 (1 term) Lecturer, Visual Cognition, Department of Psychology, Carnegie Mellon University
- 2013 (1 term) Lecturer, Statistical Models of the Brain, Department of Statistics, Carnegie Mellon University
- 2013 - 2019 (15 terms) Course Director, Perception, Department of Psychology, University of Wisconsin-Milwaukee
- 2014 (1 term) Lecturer, Visual Cognition, Department of Psychology
- 2017 - 2018 (2 terms) Course Director, Perceptual Processes Lab, Department of Psychology, University of Wisconsin-Milwaukee
- 2018 - 2020 (3 terms) Course Director, Research in Honors, University of Wisconsin-Milwaukee
- 08/2020 - 05/2021 Faculty Advisor & Sponsor, Senior Engineering Design, Department of Biomedical

Engineering, Marquette University
2020 - Present (3 terms) Course Director, Independent Research Study, Department of Biomedical
Engineering, Marquette University

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Qiu A, Rosenau BJ, Greenberg AS, Hurdal MK, Barta P, Yantis S, Miller MI. Estimating linear cortical magnification in human primary visual cortex via dynamic programming. *Neuroimage*. 2006 May 15;31(1):125-38.
2. Greenberg AS, Gmeindl L. Strategic control of attention to objects and locations. *J Neurosci*. 2008 Jan 16;28(3):564-5. PMID: PMC6670351
3. Greenberg AS, Esterman M, Wilson D, Serences JT, Yantis S. Control of spatial and feature-based attention in frontoparietal cortex. *J Neurosci*. 2010 Oct 27;30(43):14330-9. PMID: PMC3307052
4. Greenberg AS, Verstynen T, Chiu YC, Yantis S, Schneider W, Behrmann M. Visuotopic cortical connectivity underlying attention revealed with white-matter tractography. *J Neurosci*. 2012 Feb 22;32(8):2773-82. PMID: PMC3321828
5. Phillips JS, Greenberg AS, Pyles JA, Pathak SK, Behrmann M, Schneider W, Tarr MJ. Co-analysis of brain structure and function using fMRI and diffusion-weighted imaging. *J Vis Exp*. 2012 Nov 08(69). PMID: PMC3520572
6. Greenberg AS. The role of visual attention in internet advertising: Eleven questions and a score of answers *Journal of Advertising Research*. 2012;52(4).
7. Seydell-Greenwald A, Greenberg AS, Rauschecker JP. Are you listening? Brain activation associated with sustained nonspatial auditory attention in the presence and absence of stimulation. *Hum Brain Mapp*. 2014 May;35(5):2233-52. PMID: PMC6869372
8. Greenberg AS, Rosen M, Cutrone E, Behrmann M. The effects of visual search efficiency on object-based attention. *Atten Percept Psychophys*. 2015 Jul;77(5):1544-57. PMID: PMC5728374
9. Barnas AJ, Greenberg AS. Visual field meridians modulate the reallocation of object-based attention. *Atten Percept Psychophys*. 2016 Oct;78(7):1985-97.
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Books, Chapters, and Reviews

1. Shelton AL, Greenberg AS. Statistical Tests and Inferences *Encyclopedia of Neuroscience*. 2009:393-400.
2. A.S. Greenberg & P.W. Lenz (2021). *Perception*. 1st ed., Cognella: Anthology Series for Teaching.

Abstracts

1. 1998 - 2018, 64 abstracts (not shown)
2. A.J. Barnas, A.S. Greenberg (2019). Independent attentional resources explain the object-based shift direction anisotropy, poster presented at the 2019 Vision Sciences Society Annual Meeting, St. Pete Beach, FL.
3. G. Gurariy, T.J. Vickery, A.S. Greenberg (2019). Evidence of object-based warping in early visual cortex, poster presented at the Society for Neuroscience 49th Annual Meeting, Chicago, IL.
4. W.E. Huddleston, A.S. Greenberg, E.A. DeYoe (2019). Population motor attention fields in human parietal cortex: variation in pAFs predicts individual variation in behavior, poster presented at the Society for Neuroscience 49th Annual Meeting, Chicago, IL.
5. G. Gurariy, R. Randall, A.S. Greenberg (2019). The role of auditory scene analysis in auditory object perception: Neuroimaging evidence, poster presented at the Society for Neuroscience 49th Annual Meeting, Chicago, IL.
6. A.J. Barnas, A.S. Greenberg (2020). Disentangling shift direction, object orientation, and object selection yields a large, reliable metric of object-based attention, poster presented at the 2020 Virtual Vision Sciences Society Annual Meeting.
7. G. Gurariy, T.J. Vickery, A.S. Greenberg (2020). Visuospatial Object-Based Warping is Detectable in Early Visual Cortex, poster presented at the 2020 Virtual Vision Sciences Society Annual Meeting.
8. C. Reynolds, A.S. Greenberg (2020). The Resolution of Exogenous Spatial Attention Shifts is a Reliable Measure of Individual Differences, poster presented at the 2020 Virtual Vision Sciences Society Annual Meeting.
9. G. Gurariy, T.J. Vickery, A.S. Greenberg (2020). Exploring the Neural Correlates of Object-Based Warping of Visual Space, poster presented at the 2020 Virtual Biomedical Engineering Society Annual Meeting.
10. G. Gurariy, A.S. Greenberg (2020). Evidence of Auditory Object-Based Attention via Target Detection during Streaming, poster presented at Virtual APCAM 2020.
11. C. Reynolds, A.S. Greenberg (2021). Exogenous Shifts of Spatial Attention Operate at a Finer Resolution than Endogenous Shifts, poster presented at the 2021 Virtual Vision Sciences Society Annual Meeting.
12. S. Dishak, A.S. Greenberg (2021). Political Party Affiliation Alters Implicit Color Processing as Measured by Attentional Filtering of Distractors, poster presented at the 2021 Virtual Vision Sciences Society Annual Meeting.
13. L. Elliott, M. Esterman, A.S. Greenberg (2021). Successfully Withholding Attention Shifts is Strongly Modulated by Shift/Hold Cue Ratio, poster presented at the 2021 Virtual Vision Sciences Society Annual Meeting.
14. G. Gurariy, T. Vickery, A.S. Greenberg (2021). Early Visual Cortex Reflects Object-Based Perceptual Warping, poster presented at the 2021 Virtual Vision Sciences Society Annual Meeting.
15. B. Greiner, G. Gurariy, C. Larson, A.S. Greenberg (2021). Fluctuations of Visuospatial Attention are Predicted by Behavioral and Neuropsychological Measures, poster presented at the 2021 Virtual Vision Sciences Society Annual Meeting.
16. D. Hughes, A. Barnas, A.S. Greenberg (2021). Shift Direction Anisotropy is Mediated by Object Location and Target Position, poster presented at the 2021 Virtual OPAM Meeting.
17. B. Greiner, G. Gurariy, C. Larson, A.S. Greenberg (2021). Distractor Filtering Performance is Related to Measures of Nutrition, poster presented at the 2021 Virtual OPAM Meeting.
18. C. Reynolds, A.S. Greenberg (2022). Spatial Attention Exogenous Shift Resolution is Impacted by Stimulus Size and Spacing, poster presented at the 2022 Vision Sciences Society Annual Meeting, St. Pete Beach, FL.
19. G. Gurariy, A.S. Greenberg (2022). Domain-Generality of Object-Based Attention: the Same-Object Advantage in Vision and Audition, poster presented at the 2022 Vision Sciences Society Annual Meeting, St. Pete Beach, FL.
20. B. Greiner, G. Gurariy, C. Larson, A.S. Greenberg (2022). Visuospatial Attention Fluctuation is Modulated by Emotional State, poster presented at the 2022 Vision Sciences Society Annual Meeting, St. Pete Beach, FL.
21. D. Hughes, A. Barnas, A.S. Greenberg (2022). Horizontal Attention Shift Efficiency Underlies the Object-Based Shift Direction Anisotropy: An fMRI Study, poster presented at the 2022 Vision Sciences Society Annual Meeting, St. Pete Beach, FL.
22. W.E. Huddleston, M.J. Penning, A.S. Greenberg, E.A. DeYoe (2022). Beyond Population Receptive Fields: Population Attention Fields Modulate Saccade Planning Maps in Human Parietal Cortex, poster presented at the 2022 Gordon Research Conference, Neurobiology of Cognition, Newry, ME.

23. B. Greiner, G. Gurariy, C. Larson, A.S. Greenberg (2022). Attentional Performance Fluctuations Throughout the Day are Associated with Emotional Valence, poster presented at OPAM 2022, Boston, MA.
24. W.E. Huddleston, M.J. Penning, E. Soderbeck, A.S. Greenberg, E.A. DeYoe (2022). Intra- and Inter-individual variation in saccade accuracy and motor attention fields in human parietal cortex, poster presented at the Society for Neuroscience 51st Annual Meeting, San Diego, CA.
25. G. Gurariy, S. Mleziva, L. Elliott, S. Ziaeh, K. Kozlowski, M.S. Harris, A.S. Greenberg (2022). Behavioral Markers of Age-Related Hearing Loss Revealed through the Attentional Network Task, poster presented at APCAM 2022, Boston, MA.