

Jennifer M. Groh

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Academic Positions

- 2011-present Professor (primary), Department of Psychology and Neuroscience, Duke University
Professor (primary), Department of Neurobiology, Duke University
Professor (core), Center for Cognitive Neuroscience, Duke University
- 2019-present Professor (secondary), Department of Biomedical Engineering, Duke University
Professor (secondary), Department of Computer Science, Duke University
- 2011 Co-director, Duke Institute for Brain Sciences (interim), Duke University
- 2006-2011 Associate Professor, Department of Psychology and Neuroscience, Department of Neurobiology, Center for Cognitive Neuroscience, Duke University
- 2004-2006 Associate Professor, Department of Psychological and Brain Sciences, Center for Cognitive Neuroscience, Dartmouth
- 1997-2004 Assistant Professor, Department of Psychological and Brain Sciences, Center for Cognitive Neuroscience, Dartmouth.

Education

- 1994-1997 Stanford University, Postdoctoral Fellow in Neurobiology
Supervisor: Dr. William T. Newsome
- 1989-1993 University of Pennsylvania, PhD in Neuroscience
Advisor: Dr. David L. Sparks
Thesis title: Coordinate transformations, sensorimotor integration, and the neural basis of saccades to somatosensory targets.
- 1988-1989 University of Michigan, MS in Neuroscience
- 1984-1988 Princeton University, AB *Summa cum laude* in Biology

Summer Courses Attended

- 1994 "Computational Vision", Cold Spring Harbor Laboratory
- 1991 "Methods in Computational Neuroscience", Woods Hole Marine Biological Laboratories

Honors and Awards

- 2021 Presidential Symposium, Association for Research in Otolaryngology Midwinter Meeting
- 2021 Keynote Address: 7th International Conference on Auditory Cortex, Magdeburg Germany (August 2020)
- 2020 Keynote Address: Primate Neurobiology Conference, Tuebingen, German, March 2020 (to be rescheduled)
- 2019 Keynote Address: European Conference on Eye Movements, Alicante, Spain (August 2019)

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- 2018 Keynote Address: University of Southern California Human Communication Neuroscience annual retreat, Catalina Island, April 30-May 1, 2018.
- 2017 Keynote Address: Advances and Perspectives in Auditory Neuroscience, Washington DC
- 2015 *Making Space: How the Brain Knows Where Things Are*: rated “Best of the Best” of the University Presses (American Library Association); rated “Outstanding” by American Association of School Librarians (American Library Association); rated “Outstanding” by Reference and User Services Association (American Library Association)
- 2015 Keynote Address, Gordon Research Conference on Oculomotor System Biology
- 2012 Thomas Langford Lecture, Duke University
- 2009 John Simon Guggenheim Fellowship for book *Making Space: How the Brain Knows Where Things Are* (Harvard University Press, 2014)
- 2007 Kavli Frontiers of Science Fellow
- 2002 EJLB Foundation Research Grant
- 2001 The Walter and Constance Burke Research Initiation Awards for Junior Faculty, Dartmouth
- 1999 ONR Young Investigator Program Award
- 1999 John Merck Scholarship in the Biology of Developmental Disabilities in Children
- 1998 Alfred P. Sloan Foundation Research Fellowship
- 1998 McKnight Scholar Award
- 1998 Whitehall Foundation Research Grant
- 1994 Helen Hay Whitney Postdoctoral Fellowship
- 1994 Joanne S. Diamond Award Lecture in Behavioral Neurobiology, Duke University
- 1992 Alfred N. Richards Predoctoral Fellowship in Biomedical Science, University of Pennsylvania
- 1989 National Defense Science and Engineering Graduate Fellowship
- 1988 Senior Book Prize in Biology, Phi Beta Kappa; Sigma Xi; Princeton University
- 1988 National Science Foundation Graduate Fellowship
- 1987 National Science Foundation summer research fellowship

Research Grants and Contracts

Active:

- NIH (NIDCD) R01 DC016363 “Spatial Information Codes”, approx. \$1,646,896, 5 years, 7/1/2017-6/30/2022. **PIs Groh, S. Tokdar**
- NIH (NIDCD) R01 DC017532 “Multisensory Processes in the Mechanics of Hearing”, \$1,710,094 4/1/2019-3/31/2024, **PI: Groh.**

Previous:

- NIH (NIDCD) R01 DC013906 “Information in Limited Capacity Neural Codes”, approx. \$1,649,678, 5 years, 12/1/2014-11/30/2019. **PI: Groh; co-I: Tokdar (Duke, Statistics).**
- NIH R13: 2018 Gordon Research Conference: Neurobiology of Cognition. PI: Groh. \$23,950
- NSF: 2018 Gordon Research Seminar: Neurobiology of Cognition. PI: Groh. \$25,200
- John Merck Scholarship in the Biology of Developmental Disabilities in Children, \$240,000, 1999-2017 (no cost extension) PI: **Groh.**
- NIH (NINDS) R01 NS50942-05, “CRCNS: Integrative Information Processing”, approx. \$1,706,250, 5 years, 2009-2014, PI: **Groh**

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- NSF 0924750 “Neural basis of the perception of sound location”, approx. \$700,000, 4 years, 2009-2013, PI: **Groh**.
- National Organization for Hearing Research Foundation, “The role of the inferior colliculus in auditory perception: implications for prosthetic design”. \$20,000, 2009-2010, PI: **Groh**
- Duke Institute for Brain Sciences Research Incubator Award: "Feasibility Studies of the Inferior Colliculus as a Prosthetic Site", 1 year, 2009-2010. PI: **Groh**, with Cant, Grill, Tucci and Wilson.
- NEI R13, “2007 (Oculomotor System Biology) Gordon Conference”, \$30,000. PI: Neeraj Gandhi; coPI: **Groh**.
- NEI R01EY016478-01 “Visual signals in auditory midbrain”, approx. \$1,758,900, 5 years, 2006-2011, PI: **Groh**.
- NSF 0415634 “Eye position and the neural basis of sound localization”, approx. \$591,875, 4 years, 2005-2009, PI: **Groh**.
- NEI R13 EY016649-01 “2005 (Oculomotor System Biology) Gordon Conference”, \$20,000, 2005-2006, PI: Neeraj Gandhi; coPI: **Groh**.
- NIH (NINDS) R01 NS50942-01, “Integrative Information Processing”, approx. \$922,674, 4 years, 2004-2008, PI: **Groh** (renewed; see above)
- EJLB Foundation Grant, “Frames of Reference in the Auditory Pathway” \$300,000 CAN, 2002-2004, PI: **Groh**.
- ONR Young Investigator Program Grant, “Neural algorithms for sensor fusion” \$343,000, 1999-2002, PI: **Groh**.
- NINDS Program project grant (PI of project 2) (NIH NS 17778-19) "Program in Cognitive Neuroscience", "Cortical substrates of multisensory integration".1999-2005, Overall PI: Gazzaniga, PI of project 2: **Groh**
- Alfred P. Sloan Research Fellowship, \$35,000, 1998-2000, PI: **Groh**.
- Whitehall Foundation Research Grant, “Coordinate transformations of spatial information” \$225,000, 1998-2001; renewal \$150,000 2001-2004, PI: **Groh**.
- McKnight Scholar Award, \$150,000, “Neural Coordinate Transformations” 1998-2011 PI: **Groh**.

Professional Affiliations

Society for Neuroscience
International Brain Research Organization
Association for Research in Vision and Ophthalmology
American Physiological Society

Professional Activities

Society Committee Service, Reviewing, Editorial Activities:

Advisory Board, Oxford Research Encyclopedia of Neuroscience (2019-present)
Senior Editor, Oxford Research Encyclopedia of Neuroscience (2017-2019)
External Review Committee, University of Pennsylvania, Neuroscience Graduate Program (May 2013).
Member, Society for Neuroscience Program Committee, 2009-2012
Member, Advances and Perspectives in Auditory Neuroscience Program Committee, 2009-2012

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Member, Society for Neuroscience Committee on Animal Research, 2006-2009

Reviewer for:

Nature, Nature Neuroscience, Neuron, Journal of Cognitive Neuroscience, Journal of Neuroscience, Journal of Neurophysiology, Biological Cybernetics, Experimental Brain Research, Journal of Comparative Neurology, European Journal of Neuroscience, Behavioral Brain Research, Vision Research, Current Biology, Perception, Hearing Research, PLOS One, Journal of the Acoustical Society of America, PLOS One, eNeuro

Associate Editor, Frontiers in Integrative Neuroscience

Editorial Board, Multisensory Research

Guest editor, eLife

Grant Reviewing

Ad Hoc member of COG, AUD, CVP, IFCN-E-02, CRCNS and Brain Initiative panels for NIH, misc. NSF panels, 1998-present

Member COG study section, 2006-2010.

John Simon Guggenheim Foundation, 2015-present.

Conferences and Symposia:

Co-Chair, 2018 Gordon Conference on the Neurobiology of Cognition, with David Leopold.

Moderator, Cerebral Cortex 3.0, Ernst Strungmann Forum, 2018

Organizer and Chair of Symposium “Multiple senses, multiple stimuli: matching sights and sounds at the cocktail party”, International Multisensory Research Forum, 2015.

Organizer and Chair of Symposium "Maps and Meters for Sound Location", Society for Neuroscience Annual Meeting 2013.

Chair, Gordon Conference on Oculomotor System Biology. With Neeraj Gandhi. June 2007

Chair, Cosyne Workshop. “Parietal cortex: function and computations”. With Yale Cohen. March, 2006.

Co-Chair. *Society for Neuroscience* Minisymposium. Going beyond “auditory” in auditory cortex. With Jonathon Fritz. October, 2006.

Vice-Chair, Gordon Conference on Oculomotor System Biology, June 2005

Organizer and Chair of Symposium "How our eyes affect our ears: visual intrusions into the domain of hearing", Society for Neuroscience, 2001.

Organizer and Chair of Symposium "Interpreting Neural Activity", Cognitive Neuroscience Society Meeting, 1999

Invited participant, 10th Annual Frontiers of Science Symposium, National Academy of Sciences, Irvine, CA, 1998

Advocacy:

Active supporter of BiasWatchNeuro, a group focused on reducing the impact of bias in neuroscience

Invited Presentations and Colloquia

Upcoming:

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Presidential Symposium, Association for Research in Otolaryngology Midwinter Meeting, Feb 2021

Colloquium, Baylor College of Medicine, Originally scheduled spring 2020

Speaker, Gordon Conference on the Neurobiology of Cognition, Originally scheduled July 2020

Speaker, Gordon Conference on Eye Movements, summer 2021

Keynote Address: Primate Neurobiology Conference, Tuebingen, German, Originally scheduled March 2020

Keynote Address: 7th International Conference on Auditory Cortex, Magdeburg Germany Originally scheduled Aug 2020, rescheduled Aug 2021.

Miscellaneous:

COSYNE workshop “What are your coordinates? Domain-general neural computations underlying coordinate transformations”, Lisbon, Portugal, March 2019

Panelist: “The relation between psychology and neuroscience”, Cognitive Neuroscience Society annual meeting, San Francisco, March 2019.

“*Noises your ears make when your eyes move*”, the Dora Angelaki Lecture in the Senior Women in Science lecture series, Duke University

“*Hearing in a world of light: why, where, and how visual and auditory information are connected by the brain*”

Colloquium, Hebrew University, Fall 2020

Colloquium, University of California, San Francisco, Fall 2019

Colloquium, Emory University, Fall 2019

Colloquium, University of Pittsburgh, Fall 2019

Keynote address, European Conference on Eye Movements, Alicante, Spain, August 2019

Audiology Grand Rounds, Duke University, May 2019

Smokes Cognition and Neuroscience Symposium (SCANS) Asheville NC, April 2019

UNC-Greensboro, Dept. of Psychology, February 2019

TEDx event (hosted by East Chapel Hill High School), January 2019

National Institute of Deafness and Communication Disorders Council Meeting, January 2019

Duke University, Dept of Computer Science, Nov 2018

Duke University, Dept. of Neurobiology, Oct 2018

University of North Carolina, Chapel Hill, Oct 2018

Johns Hopkins University, Dept of Neuroscience, Oct 2018

University of Rochester, Sept, 2018

Keynote address, University of Southern California Human Communication Neuroscience annual retreat, Catalina Island, April 30-May 1, 2018.

McGill University, Department of Physiology, February, 2018

York University, Departments of Psychology & Biology, January 2018

Public talk: “Larger Than Life Science”, LaunchBio, Durham NC, April 2018

Keynote address, Advances and Perspectives in Auditory Neuroscience, November, 2017

“*How do neurons do more than one thing at a time?*”

MIT, Design and Computation group, March 2017

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Duke University, Dept of Psychology and Neuroscience, January 2017
Ernst Strüngmann Institute, Frankfurt, Germany, 2016
Max Planck Institute, Gottingen, Germany, 2016
Neurospin, France, 2015
Ecole Normale Superieure, Paris, France, 2015

"Looking at sounds: neural computations for associating visual and auditory events"

University of Hamburg, December 2016
Boston University, January 2014
Duke University, Center for Cognitive Neuroscience, September 2013
Washington University in St Louis, March 2011
Medical College of Georgia, February 2010
University of British Columbia, Department of Computer Science, September 2009
North Dakota State University, Department of Psychology, January 2009.
Barrow Neurological Institute, March, 2008
University of North Carolina, Department of Psychology, March, 2008
Johns Hopkins University, Department of Otolaryngology, April, 2008
University of Rochester, October, 2008
North Carolina State University, Department of Electrical and Computer Engineering, October
2006

University of Oregon, February, 2005
University of Maryland, February, 2005
Yale University, February, 2005
University of California, Berkeley, April, 2005
University of Michigan, May, 2005
Columbia University, September, 2005
Boston University, September, 2005
Duke University, Center for Cognitive Neuroscience, September, 2005
Duke University, Dept. of Psychological and Brain Sciences, November, 2005.
University of Pittsburgh, November, 2005
Queen's University, Kingston, Ontario, Canada, Sept, 2004
Massachusetts Institute of Technology, Nov, 2004

"Frames of reference and multisensory integration"

Dartmouth Medical School, Dept. of Physiology, April 2004
City University of New York, May, 2004
University of Texas, Austin, January 2004
Baylor College of Medicine, January 2004
Stanford University Dept. of Neurobiology, January 2004
University of California, San Francisco, January 2004
University of California, Davis, January 2004
National Institutes of Health, May, 2003
Massachusetts Institute of Technology, 2nd Annual McGovern Symposium, 2003
University of Connecticut, 2002
Rutgers University, 2002
Harvard University, 2001
New York University, 2001

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Princeton University, 2000

"How the brain processes information"

Carnegie Mellon University, Center for the Neural Basis of Cognition, 1998

"How is a velocity signal extracted from MT?"

Cold Spring Harbor Laboratory, Computational Vision Course, 1998

"How are sensory maps read out? Effects of stimulating visual cortex on eye movements"

Cornell University, Dept. of Psychology, 1997

Cornell University, Dept. of Neurobiology and Behavior, 1997

Bowman-Gray School of Medicine, Department of Neurobiology and Anatomy, Wake Forest University, 1996.

Salk Institute, San Diego, 1996.

Stanford University, Department of Psychology, February 1996.

Harvard University, Department of Neurobiology, February 1996.

University of Chicago, Department of Organismal Biology and Anatomy, 1996.

Oxford University, Department of Physiology, Oxford, England, 1996.

University of California, Berkeley, Department of Molecular and Cellular Biology, 1996.

University of California, Berkeley, Department of Psychology, 1996.

Washington University, Department of Neurobiology and Anatomy, 1996.

Brown University, Department of Psychology, 1996.

Brown University, Department of Neuroscience, 1996

Georgetown University, Georgetown Institute for Cognitive and Computational Science, 1996.

City College of New York, Department of Biology, 1996.

Rockefeller University, 1996.

Columbia University, 1996.

Duke University, Department of Neurobiology, 1996.

University of California, Los Angeles, Brain Research Institute, 1996.

University of California, Los Angeles, Dept. of Psychology, 1996.

University of Rochester, Center for Visual Science, 1996

Dartmouth College, Dept. of Psychology, 1996

University of California, San Francisco, 1995.

University of California, San Diego, 1995.

"Sensorimotor integration for saccades and smooth pursuit."

Smith-Kettlewell Institute, 1995.

"Translating auditory and somatosensory signals into an eye-centered frame of reference."

Washington University, Computation and Neural Systems Seminar Series, 1994.

Office of Naval Research, Workshop on Sensor Fusion, National Academy of Sciences, Woods Hole, MA, 1994.

"Saccades to somatosensory targets: behavioral characteristics and collicular signals."

Stanford University, Department of Psychology, 1994.

"Effects of microstimulation in MT on saccades and smooth pursuit eye movements."

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Stanford University, Department of Neurobiology, 1994.

"Transforming sensory signals into motor coordinates for generating eye movements."
Duke University, Department of Neurobiology, 1994.

"Oculomotor coordinate transformations: auditory models and somatosensory experiments."
Stanford University, Department of Neurobiology, 1993.
The Salk Institute, 1993.

"Two models for translating auditory signals from head-centered to eye-centered coordinates."
Medical College of Virginia, Department of Physiology, 1992.

Teaching

Duke University:

"Interdisciplinary Computing (Computer Science 102). Spring 2020.

"Computing and the Brain" (Neuro 103/Computer Science 103). Spring 2016 (as special topics Neuro 290); Spring 2017. New course developed with Prof Owen Astrachan, Computer Science.

"Perception and the Brain" (Psychology 182/308L), Spring 2007, Fall 2007, Fall 2008, Fall 2010, Spring 2012, Spring 2014, Spring 2019

"Current Research in Neuroscience" (Neurosci 499S); Spring 2013, Spring 2015

Coursera course, "The Brain and Space", spring, fall 2014; winter 2015, spring 2015, fall 2015. Total enrolled students: ~89,000 (as of 12/31/2016).

Coursera "Specialization" Capstone Course, Neuroscience: Perception, Action, and the Brain, summer 2015.

Course director, Concepts in Neuroscience II, Neurobiology, Spring 2013, 2014.

Co-Instructor, Sensory Processing module in Concepts in Neuroscience II. Spring 2015, 2017, 2018, 2019.

Lectures in "Frontiers in Neurobiology" 2007, 2008, 2009, 2010.

Lectures in "Foundation of Behavior/Computational Neuroscience" (Psy 380S); Fall 2007, Fall 2009, Fall 2011, Fall 2013, Fall 2015

Neuroscience of Cognition and Culture (Neurosci 290A, a.k.a. The Cultured Brain; Duke Neurohumanities in Paris), Summer 2013

Lectures in "Principles in Cognitive Neuroscience I" (Psychology 759S) Fall 2010, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Lectures in "Concepts in Cognitive Neuroscience II" (Psychology 760S) Spring 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Lectures/Labs in "Neurobiology Boot Camp", Fall 2010, 2011, 2012, 2015, 2016, 2017, 2018, 2019

Lectures in Psychology & Neuroscience Professional Development proseminar Fall 2006, 2012

Lectures in "Frontiers in Neuroscience" (Neurobio 325) Fall 2006, 2007, 2008, 2009, 2010, 2011

Lectures in BME 256, Neural Prosthetics, Fall 2010, Fall 2012, Fall 2014

"Neural Basis of Visual Perception" (Neurobio 257), Spring 2007 (team-taught)

Dartmouth College:

"Sensory Psychology - laboratory", (Psychology 64), Winter 1999, Winter 2001, Winter 2002, Winter 2004, Winter 2005, Winter 2006

"Methods in Data Analysis", (Psychology 111), Spring 2003, Fall 2003

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"Memory and Brain", (Psychology 51) Spring 1998; Fall 1998, Spring 2005

"Proseminar - Neural Science I", (Psychology 113), Spring 1998*, Fall 1998*, Winter 2000, Fall 2000*, Spring 2003, Spring 2004*

* = course organizer

"Perception", (Psychology 21), Spring 2001

Undergraduate, graduate, and postdoctoral advising:

A. Postdoctoral Fellows:

2018-present Dr. Cynthia King
2020 Dr. Jeff Mohl
2021 Dr. Shawn Willett
2010-2018 Dr. Valeria Caruso
2008-2012 Dr. Jung Ah Lee
2007-2011 Dr. Deborah Ross
2007-2009 Dr. Joost Maier
2006-2008 Dr. Norbert Kopco
2000-2006 Dr. Uri Werner-Reiss
2000-2006 Dr. Ryan Metzger

B. Graduate Advising:

PhD Students Advised:

2020-present Stephanie Schlebusch – Psychology and Neuroscience
2019-present Meredith Schmehl - Neurobiology
2016-2020 David Murphy – Cognitive Neuroscience Admitting Program/Psychology and Neuroscience
2015-2020 Jeffrey T. Mohl - Neurobiology
2014-2020 Shawn Willett – Cognitive Neuroscience Admitting Program/Neurobiology
2012-2016 Dan Pages – Psychology and Neuroscience (2008-2010, Neurobiology program)
PhD Dissertation: Stimulus Integration and Parsing in the Auditory Midbrain
2010-2016 Kurtis Gruters, Psychology and Neuroscience
PhD Dissertation: Non-auditory Influences on the Auditory Periphery
2005-2010 David Bulkin - Neurobiology
PhD Dissertation: Functional Mapping of the Macaque Inferior Colliculus
2000-2004 Kristin Kelly Porter
PhD Dissertation: The Representation of Auditory Space in the Auditory Pathway of Primates
1999-2004: O'Dhanial Mullette-Gillman (jointly advised with Prof. Yale Cohen)
PhD Dissertation: Representation of Auditory and Visual Signals in the Parietal Sulcus of Rhesus Macaques

Other:

2013 Isaac Dweck – Biomedical Engineering (masters program)
2009-2010 Sydney Koke – Psychology and Neuroscience

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Thesis committee:

2006-present (Duke)

Completed:

Michael Lindon	Statistics
Jonathon Winkle	Psychology and Neuroscience
Hrishikesh Rao	Biomedical Engineering
Hanna Oh	Psychology
Stephen Adamo	Psychology and Neuroscience
Mark Rossi	Psychology and Neuroscience
Anders Nelson	Neurobiology
Huimeng Lei	Neurobiology
Klaus Libertus	Psychology and Neuroscience
Ruey-Kuang Cheng	Psychology and Neuroscience
Stephen Shepherd	Neurobiology
Sarah Donohue Neuroscience)	Neurobiology (IPCN – Interdisciplinary Program in Cognitive
Sarah Heilbronner	Neurobiology (IPCN)
Betsy Johnson/Sumner	Neurobiology
Nick DeWind	IPCN
Drew Marticorena	IPCN
Geoff Adams	IPCN
Marissa Gamble	Psychology and Neuroscience
Bon Mi Gu	Psychology and Neuroscience
Charlie Giattino	Psychology and Neuroscience
Bryce Gessell	Philosophy

Current:

Dianna Amasino	Psychology and Neuroscience
Tim Darlington	Neurobiology
Kelsey McDonald	Psychology and Neuroscience

1997-2006 (Dartmouth)

Mike Nelson
Leanne Boucher
Gordon Gifford

Specialist (qualifying exam) committees:

1997-2006 (Dartmouth)

Kimberly Rose Clark
Leanne Boucher
Kestas Kverega
O'Dhaniel Mullette-Gillman
Kristin Kelly

Jennifer M. Groh

Gordon Gifford
Marian Berryhill
Brian Russ
Gideon Caplovitz

Rotation students (2006-present):

Jesse Herche	MD-PHD
Pranjal Gupta	CNAP
Meredith Schmehl	Neurobiology
Wenxi Xiao	CNAP
Nayoung Jun	Neurobiology
Rachel Landrum	Bioethics and Science Policy
Bryce Gessell	Philosophy
Rolando Estrada	CS (independent study)
Ashley Wilson	Neurobiology
Vanessa Punal	Neurobiology
Isaac Dweck	BME
Diane Friedeberg	Neurobiology
David Barack	IPCN (CNAP)
Sarah Donohue	IPCN(CNAP)
Shruti Agashe	BME (CNAP)
Daniel Bowling	IPCN (CNAP)
Joseph Harris	IPCN (CNAP)

C. Undergraduate Research Advising:

Thesis advisor:

2000-2001	Amy Dillon
1999-2000	Amanda Trause

Other undergraduate research in laboratory:

2019-present	Chloe Weiser	
2016-2018	Luke Farrell	
2016	Elizabeth Burnette	
2014-2016	Manish Nair	Bass Connections
2014-2015	Saranya Ranganathan	Bass Connections
2014-2015	Connor Higgins	Bass Connections
2014	Wilson Brace	HHMI summer fellows
2014	Jonathon Adler	
2013-2015	Ege Yalcinbas	Bass Connections
2013-2014	Akshita Iyer	Bass Connections
2013-2014	Ana Restrepo	Bass Connections
2012	Aida Ibrahim	Duke SROP program
2012-2013	Francesca Tomasi	
2010	Bao Tran-Phu	
2010	Steven Spear	Duke Mechanisms of Behavior program
2009-2010	Jeff Gamble	

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2008	Holly Turner
2008,2009	Nicholas Del Grosso Duke Mechanisms of Behavior program
2007	Vanessa Kennedy
2005-2006	Grace Chua

Thesis committee:

2008-2009	Leena Padhye
2007-2008	Donna Werling
2007-2008	Jeremy Crawford
2006-2007	Ashley Nutter
1998-1999	Kristin Maczco

D. Honors and Awards won by students and postdoctoral fellows

David Murphy, graduate student: IMRF travel award (2017)

Jeff Mohl, graduate student, National Defense Science and Engineering Graduate Fellowship (2016-2019).

Kurtis Gruters, graduate student: Graduate Training in Wireless Intelligent Sensor Networks (WISeNet) (NSF IGERT program), 2014-2015

Daniel Pages, graduate student: Graduate Training in Wireless Intelligent Sensor Networks (WISeNet) (NSF IGERT program), 2014-2015.

David Bulkin, graduate student: NRSA Predoctoral fellowship, "Visual responses in the inferior colliculus" (2009-2011).

Jung Ah Lee, postdoctoral fellow: Korea Research Fellow. (2009-2010).

Sydney Koke, graduate student: Canadian NSERC fellowship: (2009-2010)

Kristin A. Kelly, graduate student: NRSA MD-PhD fellowship: "Eye Position Effects in Auditory Cortex", National Institute of Neurological Disorders and Stroke (2002-2004); The National Institute on Deafness and Other Communication Disorders Travel Fellowship, (2003); Marie Center 1982 Award for Excellence in Teaching, Dartmouth College, (2003)

Ryan Metzger, postdoctoral fellow: NRSA Postdoctoral fellowship: "Effects of Eye Position in the Auditory Pathway", National Institute on Deafness and Other Communication Disorders. (2002-2004).

Amy Dillon, undergraduate student: Benner Fellowship for undergraduate research in psychology (2000); Second place, Benjamin J. Benner 1969 Award for Excellence in Research in Psychology (2001); Nickerson Prize, for outstanding undergraduate in psychology (2001).

Amanda Trause, undergraduate student: Second place, Benjamin J. Benner 1969 Award for Excellence in Research in Psychology (2000); Waterhouse Grant, Dartmouth, summer research fellowship (1999); Marie Center Fund, Dartmouth, summer research fellowship (1999)

Leanne Boucher, graduate student: First place, The Dartmouth Graduate Student Poster Conference (1999)

Committee Service

Duke University

Present:

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2018-2019	Chair, Promotion committee for a Psychology and Neuroscience faculty member
2017-2018	Chair, Primate Neurobiology search committee
2012-present	Neurobiology Graduate Program Steering Committee
2010-present	Undergraduate Neuroscience Major Steering Committee
2010-present	Cognitive Neuroscience Steering Committee
2011-present	Coordinator/chair, Duke Consortium of Neuroscience Graduate Programs

Previous:

2016-2017	Behavioral Neuroscience search committee
2008-2017	Executive Board, Duke Institute for Brain Sciences
2012, 2015, 2016, 2017	Promotion committees for Neurobiology faculty members
2008-2009, 2015-2016	Director of Undergraduate Studies, Neuroscience
2010-2012, 2014-2016	Psychology and Neuroscience Advisory Committee
2014, 2015	Promotion committees for a MEMS faculty member
2014-2015	DCIDES director search committee
2014, 2015	Promotion committees for a Psychology and Neuroscience faculty member
2006-2007	Behavioral Neuroscience Search Committee
2007-2009	Undergraduate Neuroscience Major Steering Committee (chair)
2011-2012	“Big Ideas” Committee on Interdisciplinary Innovation
2012-2014	Neurobiology Executive Committee

Dartmouth College

2003	ARC Associate Veterinarian Search Committee
2002-2005	Institutional Animal Care and Use Committee
2002-2006	Neuroscience Day Steering Committee
2002	ARC Director Search Committee
2002-2003	Cognitive Neuroscience Search Committee
2002-2003	Behavioral Neuroscience Search Committee
2001-2004	Dartmouth College Graduate Committee
2000-2001	Education Department Search Committee
1997 -2001	Psychological and Brain Sciences Graduate Committee
1997-2000	MD-PhD Admissions Committee
1997-1998	Cognitive Neuroscience Search Committee

Commentary and Press Coverage of our Work

Commentary:

- Snyder LH. Frame-up. Focus on "eye-centered, head-centered, and complex coding of visual and auditory targets in the intraparietal sulcus". *J Neurophysiol* 94: 2259-2260, 2005.
- Recanzone, G. 2001. [Preview]. Hearing and looking. *Neuron*, 29: 314-315. (About: **Groh JM**, Trause, A. S., Underhill, A. M., Clark, K. R, Inati, S. 2001. Eye position influences auditory responses in primate inferior colliculus. *Neuron*, 29: 509-518.).

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- Pearson, H. 2001. Seeing is a hearing aid. *Nature Science Update*, (on-line publication), March 20, 2001, www.nature.com/nsu.
- Treue, S. and Ilg, U. G. 2000. Image segmentation: a tug-of-war for the eyeball. *Current Biology*, 10(20): R746-R749. (About: Born, RT, **Groh, JM**, Zhao, R., and Lukasewycz, S. J. 2000. Segregation of object and background motion in visual area MT: effects of microstimulation on eye movements. *Neuron*, 26:725-734.).

Popular press:

- Coverage of our study “The eardrums move when the eyes move: a multisensory effect on the mechanics of hearing” has appeared in the Atlantic, CBC’s Quirks and Quarks, the Sean Moncrieff show on Irish radio NewsTalk, the New Scientist, United Press International, and other news sites.
- Coverage of my book “Making Space: How the Brain Knows Where Things Are” has appeared on the BBC World Service (The Forum: Natural Navigation); WUNC NPR (“The State of Things” with Frank Stasio); CBC IDEAS; Ideas Roadshow (video).
- Coverage of our work “Different stimuli, different spatial codes: A visual map and an auditory rate code for oculomotor space in the primate superior colliculus.” Lee, J. and Groh, JM. 2014. PLoS ONE 9(1): e85017 appeared in Futurity and Business Standard.
- Coverage of our work “Looking at the ventriloquist: Visual outcome of eye movements calibrates sound localization.” Pages, D. S. and Groh, J. M. 2013. PLOS One. 8(8):e72562. doi: 10.1371/journal.pone.0072562 appeared on talk radio WPTF, and an article appeared in the Raleigh News and Observer.
- Coverage of our work “Visual- and saccade-related signals in the primate inferior colliculus.” (Porter, KK, Metzger, RR, and **Groh, JM**. 2007. *Proceedings of the National Academy of Sciences*. 104(45): 17855-60.) has appeared in Scientific American (ScientificAmerican.com), Fox News (foxnews.com), the CBC radio program “Quirks and Quarks”, the Radio New Zealand program “Nights”, the Telegraph, the Italian science magazine “Newton”, and LiveScience.com and numerous other online science news web sites.

Books

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