

Stephen Robert Mitroff

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Education, Employment, & Academic Interests

Academic Appointments

2005 –	Assistant Professor	Duke University Center for Cognitive Neuroscience
2005 –	Assistant Professor	Duke University Department of Psychology & Neuroscience
2002 - 2005	Postdoctoral Research Fellow	Yale University Department of Psychology Sponsors: Karen Wynn & Brian J. Scholl

Education

2002	Ph.D.	Harvard University Department of Psychology Advisor: Daniel J. Simons
2000	M.A.	Harvard University Department of Psychology Advisor: Daniel J. Simons
1998	B.A., <i>summa cum laude</i>	University of California, Berkeley The Institute of Cognitive Studies Advisor: Alison Gopnik

General Research Interests

Individual differences and malleability in visual cognition
Visual perception, attention, & memory
Cognitive development

Specific Research Questions

How are items detected in rare and real-world visual searches (e.g., baggage screening and radiology)?
What makes one individual a 'better' visual searcher than another?
How and why does videogame playing enhance visual perception and general motivation?
What is the underlying nature of persisting object representations?
How are visual changes detected and what does this tell us about the nature of representations and attention?
What is the relationship between awareness and visual perception?
How do infants keep track of objects over time and motion?
In what ways are visual representations similar and different for infants, young adults, and older adults?

Funding

Current Research Support

- Title:* Identifying and enhancing superior searching abilities
Funding Source: Army Research Office Award #54528LS
Principal Investigator: Stephen R. Mitroff
Grant period: April 1st, 2009 through March 31st, 2013
Total funding: \$397,280
- Title:* Training that addresses individual differences in sustained vigilance tasks
Funding Source: Institute of Homeland Security Solutions
Principal Investigator: Robert C. Hubal
Grant period: July 1st, 2009 through September 30th, 2010
Total funding: \$249,441
Funding for SRM's lab: \$96,185
- Title:* Sports training and the malleability of visual cognition
Funding Source: Nike Sparq Sensory Training, Nike, Inc.
Principal Investigator: Stephen R. Mitroff
Grant period: December 15, 2009 through December 14, 2010

Completed Research Support

- Title:* The nature of persisting object representations
Funding Source: NIH/NIMH, R03 Award #R03 MH080849-01
Principal Investigator: Stephen R. Mitroff
Grant period: July 1st, 2007 through June 30th, 2009
Total funding: \$156,000
- Title:* The representation of persisting objects
Funding Source: NIMH NRSA Individual Postdoctoral Fellowship, F32 MH66553
Principal Investigator: Stephen R. Mitroff
Grant period: July 1st, 2002 through June 30th, 2005
Total funding: \$194,774
- Title:* Identifying predictive markers of individual difference in threat sensitivity
Funding Source: Institute of Homeland Security Solutions & RTI
Principal Investigator: Stephen R. Mitroff
Grant period: October 10th, 2009 through November 9th, 2009
Total funding: \$5,500

Pending Research Support

- Title:* Identifying predictive markers of individual difference in threat sensitivity
Funding Source: Institute of Homeland Security Solutions
Principal Investigator: Stephen R. Mitroff
Grant period: March 1st, 2010 through May 31st, 2011
Total funding: \$200,000
- Title:* Neuroimaging of visual attention in aging
Funding Source: NIH, R01
Principal Investigator: David J. Madden
Requested funding: \$250,000 (First year Requested Direct Costs)
Proposed effort for SRM: 10%

Title: Affective Neuromodulation of Declarative Memory
Funding Source: NIDA R01
Principal Investigator: R. Alison Adcock
Requested funding: \$1,250,000.00 total direct costs
 Proposed effort for SRM: 5%

Title: The effects of experience and training on attention and executive control
Funding Source: NIMH NRSA Individual Post-doctoral Fellowship, F32
Applicant: Matthew S. Cain, Ph.D.

Publications & Presentations

Referred Journal Articles (in reverse chronological order)

1. Costello, M. C., Madden, D. J., **Mitroff**, S. R., & Whiting, W. L. (in press). Age-related decline of visual processing components in change detection. *Psychology & Aging*.
2. Costello, M. C., Madden, D. J., Shepler, A. M., **Mitroff**, S. R., & Leber, A. B. (in press). Age-related preservation of top-down control over distraction in visual search. *Experimental Aging Research*.
3. Fleck, M. S., Samei, E., & **Mitroff**, S. R. (in press). Generalized ‘satisfaction of search’: Adverse influences on dual-target search accuracy. *Journal of Experimental Psychology: Applied*.
4. Jordan, K. E., Clark, K., & **Mitroff**, S. R. (in press). See an object, hear an object file: Object correspondence transcends sensory modality. *Visual Cognition*.
5. Dunsmoor, J. E., **Mitroff**, S. R., & LaBar, K. S. (2009). Generalization of conditioned fear along a dimension of increasing fear intensity. *Learning & Memory*, *16*, 460-469.
6. **Mitroff**, S. R., Arita, J. T., & Fleck, M. S. (2009). Staying in bounds: Contextual constraints on object file coherence. *Visual Cognition*, *17*, 195-211.
7. Wang, S., & **Mitroff**, S. R. (2009). Preserved visual representations despite change blindness in infants. *Developmental Science*, *12*, 681-687.
8. Cheries, E., **Mitroff**, S. R., Wynn, K., & Scholl, B. J. (2008). Cohesion as a constraint on object persistence in infancy. *Developmental Science*, *11*, 427-432.
9. **Mitroff**, S. R., Scholl, B. J., & Noles, N. S. (2007). Object files can be purely episodic. *Perception*, *36*, 1730-1735.
10. **Mitroff**, S. R., & Alvarez, G. A. (2007). Space and time, not surface features, underlie object persistence. *Psychonomic Bulletin & Review*, *14*, 1199-1204.
11. Fleck, M. S., & **Mitroff**, S. R. (2007). Rare targets are rarely missed in correctable search. *Psychological Science*, *18*, 943-947.
12. **Mitroff**, S. R., Sobel, D. M., Gopnik, A. (2006). Reversing how to think about ambiguous figure reversals: Spontaneous alternating by uninformed observers. *Perception*, *35*, 709-715.
13. Noles, N. S., Scholl, B. J., & **Mitroff**, S. R. (2005). The persistence of object file representations. *Perception & Psychophysics*, *67*, 324-334.
14. **Mitroff**, S. R., Scholl, B. J., & Wynn, K. (2005). The relationship between object files and conscious perception. *Cognition*, *96*, 67-92.
15. **Mitroff**, S. R. & Scholl, B. J. (2005). Forming and updating object representations without awareness: Evidence from motion-induced blindness. *Vision Research*, *45*, 961-967.

16. **Mitroff**, S. R. & Scholl, B. J. (2004). Seeing the disappearance of unseen objects. *Perception*, *33*, 1267-1273.
17. **Mitroff**, S. R., Scholl, B. J., & Wynn, K. (2004). Divide and conquer: How object files adapt when a persisting object splits into two. *Psychological Science*, *15*, 420-425.
18. **Mitroff**, S. R., Simons, D. J., & Levin, D. T. (2004). Nothing compares 2 views: Change blindness can occur despite preserved access to the changed information. *Perception & Psychophysics*, *66*, 1268-1281.
19. **Mitroff**, S. R. & Simons, D. J. (2002). Changes are not localized until they are explicitly detected. *Visual Cognition*, *9*, 937-968.
20. **Mitroff**, S. R., Simons, D. J., & Franconeri, S. L. (2002). The siren song of implicit change detection. *Journal of Experimental Psychology: Human Perception and Performance*, *28*, 798-815.

Book Chapters

1. Cheries, E., **Mitroff**, S. R., Wynn, K. & Scholl, B. J. (2009). Constraints on Persisting Object Representations in Infants and Adults. In B. Hood & L. Santos (Eds.), *The Origins of Object Knowledge*. London: Oxford University Press.
2. Simons, D. J., **Mitroff**, S. R., & Franconeri, S. L. (2003). Scene perception: What we can learn from visual integration and change detection. In M. Peterson & G. Rhodes (Eds.), *Perception of faces, objects, and scenes: Analytic and holistic processes. Advances in visual cognition* (pp. 335-351). London: Oxford University Press.
3. Simons, D. J. & **Mitroff**, S. R. (2001). The role of expectation in change detection and attentional capture. In L.R. Harris & M. Jenkin (Eds.), *Vision and Attention* (pp. 189-207). Springer.

Manuscripts under review & under revision

1. Donohue, S. E., Woldorff, M. G., & **Mitroff**, S. R. (revised manuscript under review). Multisensory benefits of playing video games.
2. Fleck, M. S. & **Mitroff**, S. R. (under revision). Video game players excel at rare target search.
3. Wu, W., Tiesinga, P., Tucker, T., Heiner, J., **Mitroff**, S. R., & Fitzpatrick, D. (under revision). Distortions in perceived direction of motion predicted by population response dynamics in primary visual cortex.
4. Jordan, K. E., & **Mitroff**, S. R. (under revision). Videogame players show enhanced ability to equate information across senses.
5. Madden, D. J., **Mitroff**, S. R., Shepler, A. M., Fleck, M. S., Costello, M. & Voss, A. (under revision). Rare target search: Diffusion model analysis and effects of adult age.
6. **Mitroff**, S. R., Scholl, B. J., & Wynn, K. (under revision). One plus one equals one: The effects of merging on object files.

Manuscripts in preparation

1. Carter, O., Luedeman, R., **Mitroff**, S. R., & Nakayama, K. (in preparation). Motion induced blindness: The more you attend the less you see.
2. Clark, K., Fleck, M. S., & **Mitroff**, S. R. (in preparation). Effects of videogame expertise on change detection abilities.
3. Donohue, S., James, B., & **Mitroff**, S. R. (in preparation). Videogame experts and dual task costs.

4. Fleck, M. S., Sestokas, L., Mazuz, Y., Adcock, R. A., & **Mitroff**, S. R. (in preparation). Video games and motivation: The role of motivation in visual task performance of video game players and non-video game players.
5. Scholl, B. J., Flombaum, J. I., & **Mitroff**, S. R. (in preparation). Perceiving persisting objects. Invited review in preparation for Trends in Cognitive Sciences.

Conference Presentations (*in reverse chronological order*)

1. Clark, K., Fleck, M. S., & **Mitroff**, S. R. (2009, November). *Video game players excel at change detection*. Poster presented at the annual Object Perception, Attention, and Memory meeting, Boston, MA.
2. Fleck, M. S., Samei, E., & **Mitroff**, S. R. (2009, November). *Generalized 'satisfaction of search': Adverse influences on dual-target search accuracy*. Paper presented at the annual meeting of the Psychonomic Society, Boston, MA. (presented by S. R. Mitroff)
3. Hubal, R., & **Mitroff**, S. R. (2009, October). *Improving vigilance for homeland security personnel*. Paper presented at the Inaugural Research Summit of the Institute for Homeland Security Solutions, Chapel Hill, NC.
4. Clark, K., Fleck, M. S., & **Mitroff**, S. R. (2009, May). *Effects of videogame expertise on change detection abilities*. Poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
5. Donohue, S. E., Woldorff, M. G., & **Mitroff**, S. R. (2009, May). *Multisensory benefits of playing video games*. Poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
6. Jordan, K. E., Clark, K., & **Mitroff**, S. R. (2009, May). *See an object, hear an object file: Object correspondence transcends sensory modality*. Poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
7. Dunsmoor, J. E., **Mitroff**, S. R., & LaBar, K. S. (2009, March). *Generalization of human fear learning along a perceptual gradient of expression intensity*. Poster presented at the annual meeting of the North Carolina Cognition Conference, Durham, NC.
8. Dunsmoor, J. E., **Mitroff**, S. R., & LaBar, K. S. (2008, November). *Generalization of human fear learning along a perceptual gradient of expression intensity*. Poster presented at the annual meeting of the Society for Neuroscience, Washington, DC.
9. Wu, W., Tiesinga, P. H., Tucker, T. R., **Mitroff**, S. R., Heiner, J. A., & Fitzpatrick, D. (2008, November). *V1 population response to changes in direction of stimulus motion: modeling and perception*. Poster presented at the annual meeting of the Society for Neuroscience, Washington, DC.
10. **Mitroff**, S. R. (2008, November). *Motivational benefits of video game playing*. Paper presented at the annual meeting of the Psychonomic Society, Chicago, IL.
11. **Mitroff**, S. R. (2008, October). *Identification and Training of "Hyperfocusers": those with remarkable attentional capability*. Invited Paper presented at the Neuroergonomics and Neuromorphics Workshop sponsored by the Life Sciences Division of the U.S. Army Research, Development, and Engineering Command of the Army Research Office. University of Maryland, MD.
12. **Mitroff**, S. R. (2008, August). *The malleability of visual cognition: Effects of videogame playing on vision and motivation*. Paper presented at the annual meeting of the Cognitive Science Association for Interdisciplinary Learning, Hood River, OR.
13. Carter, O., Luedeman, R., & **Mitroff**, S. R., & Nakayama, K. (2008, May). *Motion induced blindness: The more you attend the less you see*. Paper presented at the annual meeting of the Vision Sciences Society, Naples, FL.

14. Fleck, M. S., & **Mitroff**, S. R. (2008, May). *Videogamers excel at finding rare targets*. Poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
15. **Mitroff**, S. R., & Jordan, K. E. (2008, May). *Videogame players demonstrate enhanced multi-sensory abilities*. Poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
16. Wu, W., Tiesinga, P., Tucker, T., Heiner, J., **Mitroff**, S. R., & Fitzpatrick, D. (2008, May). *The dynamics of VI population response to instantaneous changes in direction of stimulus motion*. Poster presented at the annual meeting of the Vision Sciences Society, Naples, FL.
17. **Mitroff**, S. R., Arita, J. T., & Fleck, M. S. (2007, November). *Staying in Bounds: Contextual constraints on object file coherence*. Paper presented at the annual meeting of the Psychonomic Society, Long Beach, CA.
18. Fleck, M. S., & **Mitroff**, S. R. (2007, May). *Catching a miss: Error reduction in low prevalence search*. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.
19. **Mitroff**, S. R., & Wang, S. (2007, May). *Preserved visual representations despite change blindness in 11-month-old infants*. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.
20. **Mitroff**, S. R., & Alvarez, G. A. (2006, November). *Space and time, not surface features, underlie object persistence*. Paper presented at the annual meeting of the Psychonomic Society, Houston, TX.
21. Arita, J. T. & **Mitroff**, S. R. (2006, May), *Staying in bounds: A critical role of closure for object files*. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.
22. **Mitroff**, S. R., Sobel, D. M., Gopnik, A. (2006, May). *Reversing how to think about ambiguous figure reversals: Spontaneous alternating by uninformed observers*. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.
23. **Mitroff**, S. R. (2006, May). *Seeing without seeing: Complex perception outside of awareness*. Invited talk presented at the annual meeting of the American Psychological Society, New York, NY.
24. **Mitroff**, S. R. (2006, February). *Visual perception without awareness: Evidence from motion-induced blindness*. Invited talk presented at the annual meeting of the North Carolina Cognition Conference, Greensboro, NC.
25. **Mitroff**, S. R., Scholl, B. J., & Wynn, K. (2005, November). *One plus one equals one: The effects of merging on object files*. Poster presented at the annual meeting of the Psychonomic Society, Toronto, ON, Canada.
26. **Mitroff**, S. R., Cheries, E. W., Scholl, B. J., & Wynn, K. (2005, May). *Cohesion as a principle of object persistence in infants and adults*. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.
27. **Mitroff**, S. R., Scholl, B. J., & Wynn, K. (2005, April). *What vision scientists can learn from infants: Evidence of core principles guiding adult object persistence*. Paper presented at the Yale Object Symposium, New Haven, CT.
28. **Mitroff**, S. R., Wynn, K., & Scholl, B. J. (2005, April). *Exploring persisting object representations with infants and adults*. Paper presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
29. **Mitroff**, S. R. & Scholl, B. J. (2004, May). *Online grouping and segmentation without awareness: Evidence from motion-induced blindness*. Paper presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.
30. **Mitroff**, S. R., Wynn, K., Scholl, B. J., Johnson, S. P., & Shuwairi, S. M. (2004, May). *'Bouncing vs. streaming' as a measure of infants' dynamic object individuation*. Poster presented at the annual meeting of the International Society on Infant Studies, Chicago, IL.

31. **Mitroff, S. R. & Scholl, B. J.** (2003, November). *Perceiving the disappearances of unseen objects in Motion-induced Blindness*. Paper presented at the annual *Object Perception, Attention, and Memory* meeting, Vancouver, B.C.
32. **Mitroff, S. R., Scholl, B. J., & Wynn, K.** (2003, May). *The relationship between object files and conscious perception*. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.
33. Noles, N. S., Scholl, B. J., **Mitroff, S. R.** (2003, May). *The persistence of object-file representations*. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.
34. **Mitroff, S. R., Simons, D. J., & Levin, D. T.** (2002, November). *Three blinding devices: See how change detection runs*. Paper presented at the annual Object Perception, Attention, and Memory meeting, Kansas City, MO.
35. **Mitroff, S. R. & Simons, D. J.** (2001, May). *A lack of confidence in implicit change detection*. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.
36. **Mitroff, S. R. & Simons, D. J.** (2000, November). *Without explicit detection, change localization is chance localization*. Poster presented at the annual Object Perception, Attention, and Memory meeting, New Orleans, LA.
37. **Mitroff, S. R. & Simons, D. J.** (2000, March). *Changes are not localized until they are explicitly detected*. Poster presented at the annual meeting of the Association for Research in Vision and Ophthalmology, Ft. Lauderdale, FL.

Research

Invited Talks and Colloquia

Nov 2009	Duke University	Department of Psychology & Neuroscience
Sep 2009	Duke University	Osher Life Long Learning Institute
Mar 2009	Univ. of North Carolina, Greensboro	Department of Psychology
Feb 2009	Brown University	Cognitive, Linguistic & Psychological Sciences
Jan 2009	Emory University	Department of Psychology
Oct 2008	Wofford College	Department of Psychology
Sep 2008	University of Delaware	Department of Psychology
Aug 2008	University of Oregon	Posner & Keele Center for Cognitive Neurosciences
May 2008	Duke University	Duke Advanced Imaging Labs, Medical Center
May 2008	Alienware Computers	Research & Development, Emerging Technologies
Jan 2008	Duke University	Center for Cognitive Neuroscience
Oct 2007	University of California, Berkeley	Institute of Cognitive and Brain Sciences
Sep 2007	North Carolina State University	Computer Science-Digital Games Research Center
Sep 2007	U. of North Carolina, Chapel Hill	Department of Psychology
Apr 2007	University of Hong Kong	Department of Psychology
Feb 2007	Penn State University	Department of Psychology
Jan 2007	Yonsei University, South Korea	Department of Psychology
Nov 2006	Duke University	Computer Science-Visualization Technology Group
Oct 2005	Harvard University	Vision Lab, Department of Psychology
Mar 2005	Duke University	Center for Cognitive Neuroscience
Feb 2005	U. Colorado, Boulder	Institute of Cognitive Sciences
Feb 2005	U. Colorado, Boulder	Department of Psychology
Feb 2005	University of California, Santa Cruz	Department of Psychology
Feb 2005	University of California, Irvine	Department of Cognitive Sciences
Dec 2004	Boston College	Department of Psychology
Dec 2004	Duke University	Psychological and Brain Sciences, Lunchbox

Oct 2004	Stanford University	Department of Psychology, Cognitive Seminar
Oct 2004	University of California, Berkeley	Cognition, Brain, & Behavior Colloquium
Mar 2003	Yale University	Current Work in Cognitive Psychology
Oct 2000	Harvard University	Cognition, Brain, & Behavior Seminar

Awards

ARO Research Grant, 2009-2013
 NIMH R03 Award, 2007-2009
 NIMH National Research Service Award, Post-doctoral Fellow, 2002 to 2005
 National Science Foundation Graduate Fellow, 1999 to 2002
 Derek Bok Teaching Award, Harvard University, Spring 2001
 George W. Goethals Teaching Prize, Harvard University, 2001-2002

Professional Service

Organizational Duties

Psychonomic Society Annual Meeting	Session Chair, 2007; 2009
Object Perception, Attention, & Memory Workshop	Organizer; 2004, 2005

University Service (Duke University)

2009 – 2010 *Director of Graduate Studies*, Interdisciplinary Program in Cognitive Neuroscience
 2009 Responsible Conduct of Research Graduate Student Orientation, Faculty Panel member
 2009 Responsible Conduct of Research Graduate Student Orientation, Breakout session leader
 2007 – 2009 Center for Instructional Technology Faculty Ambassador, P&N Department
 2006 Student Center for Integrated Education, Research, and Development Networking participant

Departmental & Center Service (Duke University)

2009 – 2010 *Chair*, Interdisciplinary Program in Cognitive Neuroscience Graduate Admissions Committee
 2009 – 2010 *Chair*, Interdisciplinary Program in Cognitive Neuroscience Steering Committee
 2009 – Psychology & Neuroscience Introductory Course Committee
 2008 – Center for Cognitive Neuroscience Retreat Committee
 2007 – 2008 Psychology & Neuroscience Cognition and Cognitive Neuroscience LunchBox committee
 2007 – Psychology & Neuroscience Department Colloquium Committee
 2008 Center for Cognitive Neuroscience Colloquium Series Coordination
 2005 – 2008 Interdisciplinary Program in Cognitive Neuroscience Graduate Admissions Committee
 2005 – 2008 Interdisciplinary Program in Cognitive Neuroscience Steering Committee
 2006 Cognitive Psychology/Cognitive Neuroscience Faculty Search Committee
 2005 Psychological & Brain Sciences Graduate Admissions Committee

Professional Society Membership

American Psychological Association	Member; 2003 –
American Psychological Society	Member, 2003 –
Association for Research in Vision and Ophthalmology	Member, 2000
Psychonomic Society	Member, 2004 –
Vision Sciences Society	Member, 2001 –

Grant Review Panels

National Institute of Health, Cognition & Perception, 2/2008, Ad-hoc

Ad-hoc Grant Reviewing

Army Research Office

National Science Foundation
National Sciences and Engineering Research Council of Canada

Editorial Boards

Acta Psychologica (2009–)
Attention, Perception & Psychophysics (2008–)
Visual Cognition (2007–)

Ad-hoc Journal Reviewing

Acta Psychologica
Applied Cognitive Psychology
Behavioral and Brain Functions
British Journal of Psychology
Child Development
Cognition
Cognitive Brain Research
Cognitive Processing
Cognitive Science
Consciousness and Cognition
Developmental Science
European Journal of Neuroscience
Journal of Cognition and Development
Journal of Cognitive Neuroscience
Journal of Experimental Child Psychology
Journal of Experimental Psychology: General
Journal of Experimental Psychology: HPP
Journal of Neuroscience
Journal of Vision
Neuropsychologia
Perception
Perception & Psychophysics
Perspectives on Psychological Science
PLoS ONE (Public Library of Science)
Proceedings of the National Academy of Sciences
Psychological Research / Psychologische Forschung
Psychological Science
Psychological Bulletin
Psychonomic Bulletin & Review
Trends in Cognitive Sciences
Visual Cognition

Teaching and Supervision

Courses Taught

2010, Spring	Duke Univ.	Seminar: Seeing & Knowing; Intro to Visual Cognition
2009, Fall	Duke Univ.	Cognitive Neuroscience Colloquia Course
2009, Fall	Duke Univ.	Introduction to Cognitive Psychology
2008, Fall	Duke Univ.	Seminar: Seeing & Knowing; Intro to Visual Cognition
2008, Spring	Duke Univ.	Seminar: Seeing & Knowing; Intro to Visual Cognition
2007, Fall	Duke Univ.	Introduction to Cognitive Psychology
2007, Spring	Duke Univ.	Neurobiology Graduate Seminar: Vision (<i>Co-Instructor</i>)
2006, Fall	Duke Univ.	Introduction to Cognitive Psychology

2006, Spring	Duke Univ.	Seminar: Seeing & Knowing; Intro to Visual Cognition
2002, Spring	Harvard Univ.	Sophomore Tutorial in Psychology
2001, Fall	Harvard Univ.	Sophomore Tutorial in Psychology
2001, Spring	Harvard Univ.	Vision and the Brain (<i>Teaching Fellow</i>)
2000, Fall	Harvard Univ.	Introduction to Cognitive Psychology (<i>Teaching Fellow</i>)
2000, Spring	Harvard Univ.	Vision and the Brain (<i>Teaching Fellow</i>)
1999, Fall	Harvard Univ.	Introduction to Cognitive Psychology (<i>Teaching Fellow</i>)

Other Teaching

2010, Spring	Duke Univ.	Principles of Cog. Neuroscience II, Graduate level (<i>Guest Lecturer</i>)
2008, Spring	Duke Univ.	Principles of Cog. Neuroscience II, Graduate level (<i>Guest Lecturer</i>)
2008, Spring	Duke Univ.	Introduction to Cognitive Neuroscience, (<i>Guest Lecturer</i>)
2007, Fall	Duke Univ.	Principles of Cog. Neuroscience I, Graduate level (<i>Guest Lecturer</i>)
2006, Spring	Duke Univ.	Introduction to Cognitive Neuroscience (<i>Guest Lecturer</i>)

Postdoctoral Fellow Advising (Duke University)

Matthew Cain 2009 –

Graduate Student Advising (Duke University)

Mathias Fleck	Psychology & Neuroscience, 2006 – 2009, <i>primary advisor</i>
Kait Clark	Interdisciplinary Program in Cognitive Neuroscience rotation, 2008 –, <i>primary advisor</i>
Joseph Dunsmoor	Psychology & Neuroscience, practicum, Spring 2008
Yonatan Mazur	Interdisciplinary Program in Cognitive Neuroscience rotation, Spring 2008
Jeffrey Nelson	Psychology & Neuroscience, practicum, Fall 2007
Klaus Libertus	Psychology & Neuroscience, practicum, Spring 2006
Sarah Donohue	Interdisciplinary Program in Cognitive Neuroscience rotation, Spring 2007
Joseph Harris	Interdisciplinary Program in Cognitive Neuroscience rotation, Fall 2007

M.A. Committees (Duke University)

David Bulkin	Neurobiology
Kait Clark	Psychology & Neuroscience
Simon Davis	Psychology & Neuroscience
Sarah Donohue	Neurobiology
Sarah Jones	Psychology & Neuroscience
Joseph Dunsmoor	Psychology & Neuroscience
Mathias Fleck	Psychology & Neuroscience
Klaus Libertus	Psychology & Neuroscience

Ph.D. Dissertation Committees

Kerry Jordan	Duke Univ.	Psychology & Neuroscience, Ph.D. awarded 2007
Chien-Te Vince Wu	Duke Univ.	Psychology & Neuroscience, Ph.D. awarded 2007
Mathias Fleck	Duke Univ.	Psychology & Neuroscience, Ph.D. awarded 2009 (chair)
James Niehaus	NC State Univ.	Computer Science, Ph.D. awarded 2009
David Bulkin	Duke Univ.	Neurobiology
Simon Davis	Duke Univ.	Psychology & Neuroscience
Sarah Donohue	Duke Univ.	Neurobiology
Klaus Libertus	Duke Univ.	Psychology & Neuroscience

Undergraduate Honors Thesis Committees (Duke University)

Brittany James Psychology, B.A. awarded 2009 (chair)

Laura Sestokas	Psychology, B.A. awarded 2009 (chair)
Viktoria Elkis	Psychology, B.A. awarded 2008 (chair)
Tina Liang	Psychology, B.A. awarded 2008
Margaret Bates	Psychology, B.A. awarded 2007

Undergraduate Supervised Research in Psychology (Duke University)

2010, Spring	Independent Study; Practicum
2009, Fall	Independent Study; Practicum
2009, Spring	Independent Study; Practicum
2008, Fall	Independent Study; Practicum
2008, Spring	Independent Study; Practicum; Robertson Program, UNC Chapel Hill; NC School of Science and Mathematic, High School Mentorship Program
2007, Fall	Independent Study; Practicum; Robertson Program, UNC Chapel Hill; NC School of Science and Mathematic, High School Mentorship Program
2007, Spring	Practicum

Supervised Student Research Support

“External influences on visual search”

NIMH NRSA Individual Pre-doctoral Fellowship, F31 MH082582
Grant period: May 1, 2008 through April 30, 2009
Student Investigator; Mathias S. Fleck

Duke Vertical Integration Program, Summer 2008
Graduate Student Investigators: Mathias S. Fleck
Undergraduate Student Investigator: Laura Sestokas
\$4300 in research-based stipends

Duke Vertical Integration Program, Summer 2008
Graduate Student Investigators: Sarah Donohue
Undergraduate Student Investigator: Brittany James
\$4300 in research-based stipends

Duke Vertical Integration Program, Summer 2007
Graduate Student Investigators: Mathias S. Fleck
Undergraduate Student Investigators: Viktoria Elkis, Ricky Green
\$8600 in research-based stipends

Sigma Xi, Grants-in-Aid of Research, 2006
Student Investigator; Kerry E. Jordan
\$600 direct costs towards research

APA Dissertation Award, 2006
Student Investigator; Kerry E. Jordan
\$1000 direct costs towards research