

**Professional Information**

Department of Psychology

Georgia Southern University

P.O. Box 8041

Statesboro, GA 30460-8041

E-mail: [bradleysturz@georgiasouthern.edu](mailto:bradleysturz@georgiasouthern.edu)

Telephone: 912.478.8539

Fax: 912.478.0751

Homepage: <https://sites.google.com/a/georgiasouthern.edu/bradley-r-sturz/home>

Google Scholar: <http://scholar.google.com/citations?user=hefxm54AAAAJ&hl=en>

Research Gate: [http://www.researchgate.net/profile/Bradley\\_Sturz/](http://www.researchgate.net/profile/Bradley_Sturz/)

**Faculty Positions**

Associate Professor Member of Graduate Faculty	Georgia Southern University, 2014 – present
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Assistant Professor Member of Graduate Faculty	Georgia Southern University, 2011 – 2014
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Assistant Professor	Armstrong State University, 2007 – 2011
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Adjunct Professor	Villanova University, Spring 2007
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**Administrative Positions**

Assistant Director QEP	Georgia Southern University, 2015-present
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**Education & Training**

Post-Doctoral  
Position/Adjunct (2007)

Comparative Cognition Laboratory  
Department of Psychology  
Villanova University  
Villanova, PA 19085

Ph.D. (2007)

Experimental Psychology  
Auburn University  
Auburn, AL 36849  
Dissertation: *Geometric Rule Learning by Pigeons*

M.S. (2004)

Experimental Psychology  
Auburn University  
Auburn, AL 36849  
Thesis: *Problem Solving in a Virtual Environment*

B.A. (2002)

Psychology  
Auburn University  
Auburn, AL 36849

**Current Research Interests**

Comparative mechanisms of learning, memory, and cognition. Comparative mechanisms of spatial learning, memory, and cognition. Development and implementation of virtual environments.

**Awards and Honors**

*Georgia Southern University's College of Liberal Arts and Social Sciences (CLASS) Award of Excellence in Teaching, Service, and Research, Fall 2014.*

*Award of Excellence in Reviewing, Behavioural Processes, 2014*

*Georgia Southern University's College of Liberal Arts and Social Sciences (CLASS) Award of Distinction in Scholarship/Creativity, Spring 2013*

*Nominated for Psychonomic Society Early Career Award, Spring 2013*

*Nominated for Psychonomic Society Early Career Award, Spring 2012*

*Distinguished Alumni Research Award (Department of Psychology, Auburn University), 2011*

*Brenda A. Milner Award* (Young Investigator Award) for American Psychological Association's (APA) Division 6 (Behavioral Neuroscience & Comparative Psychology), 2010

*Top Reviewer Award, Behavioural Processes*, 2009

*Nominated for Alumni Award for Distinguished Contributions to the Academic Discipline*, Armstrong Atlantic State University, 2009 & 2010

*Cambridge Who's Who Among Executives and Professionals in Education and Research*, 2008

*Nominated for Freshman Learning Community*, Armstrong Atlantic State University, 2008

*Auburn University Teaching Fellow*, 2004-2006

*Alabama Psychological Association Rosecrans Graduate Research Award*, 2006

*Auburn University Psychology Department Research Achievement Award*, 2004-2005

*Auburn University Graduate Fellowship Travel Award*, 2005

*Auburn University Graduate Fellowship Travel Award*, 2004

*Auburn University Graduate Research Forum Outstanding Oral Presentation*, 2004

*Auburn University Graduate Student Research Forum Outstanding Poster Presentation*, 2004

*Auburn University Graduate Student Research Grant*, 2003

*Auburn University Psychology Department Outstanding First-Year GTA Award*, 2002-2003

*Georgia Vallery Outstanding Undergraduate Senior in Psychology Award*, 2002

*Frank Y. Conner Jr. Academic Scholarship*, 2001-2002

*Presidential Academic Scholarship*, 1997-1999

*Kilgore Academic Scholarship*, 1997-1999

**Memberships/Affiliations**

Psychonomic Society (Fellow)

Association for Psychological Science (APS)

Comparative Cognition Society (CCS)

Southern Society for Philosophy and Psychology (SSPP)

Council for Undergraduate Research (CUR)

Spatial Learning Network (SLN)

**Grants: Submitted**

10. National Science Foundation (NSF), *Determination of Geometric Cues for Spatial Orientation and Investigation of Spatial Representation Organization and Segmentation*. Summer 2013.
9. National Science Foundation (NSF) Research at Undergraduate Institutions (RUI), *Determination of Shape Parameters for Environmental Orientation and Investigation of Spatial Representation Segmentation: A Converging Evidence Approach*. Summer 2012
8. National Science Foundation (NSF) Research at Undergraduate Institutions (RUI), *Determination of Shape Parameters for Environmental Orientation: A Converging Evidence Approach*. Spring 2012
7. Georgia Southern University Research Assistant Investment Program Award, Spring 2011
6. National Science Foundation (NSF) Research at Undergraduate Institutions (RUI). *Determination of the Relative Weighting of Spatial Cues in Orientation and Navigation*. Summer 2010
5. Armstrong Atlantic State University, Summer Research Award, Summer 2010
4. National Science Foundation (NSF) Faculty Early Career Development (CAREER). *Mechanisms of Spatial Learning, Memory, and Cognition*. Summer 2009
3. National Science Foundation (NSF) Science and Technology Expansion Program (STEP), *Learning of Enclosure Geometry in a Virtual Environment*. Spring 2009

2. Armstrong Atlantic State University, Summer Research Award, Summer 2009
1. Armstrong Atlantic State University Competitive Research and Scholarship Internal Grant, Fall 2007

**Grants: Received**

5. Georgia Southern University Research Assistant Investment Program Award, Fall 2011-Summer 2013
4. Armstrong Atlantic State University, Summer Research Award, Summer 2010
3. National Science Foundation (NSF) Science and Technology Expansion Program (STEP), *Learning of Enclosure Geometry in a Virtual Environment*. 2009
2. Armstrong Atlantic State University, Summer Research Award, 2009
1. Armstrong Atlantic State University Competitive Research and Scholarship Internal Grant, 2007

**Manuscript: In preparation**

1. Sturz, B. R., Naufel, K. Z., & Boyer, T. W. (in preparation). Improved perspective-taking performance by males when females occupy spatial locations: Preliminary evidence for sexual selection of spatial abilities?
2. Bodily, K. D., Price, S. J., & Sturz, B. R. (in preparation). Environmental elongation (not environmental size) is responsible for the relative use of global geometric cues during spatial reorientation.

**Manuscripts: Invited Revision**

1. Bodily, K. D., Price, S. J., & Sturz, B. R. (invited revision). Testing principal-versus media-axis accounts of global spatial reorientation. *Journal of Experimental Psychology: Animal Learning and Cognition*.

**Manuscript: Under Review**

1. Klibert, J., Sturz, B. R., Smalley, B., Warren, J. C., LeLeux-LaBarge, K., & Hatton, A. (under review). Savoring in the face of social-evaluative hassles: Effects on positive emotions.

**Publications: Peer Reviewed (underlined = student)**

40. Sturz, B. R., Bell, Z. K., & Bodily, K. D. (in press). Environmental scaling influences the use of local but not global geometric cues during spatial reorientation. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. [5-year Impact Factor: 2.92]
39. Sturz, B. R., Boyer, T. W., Magnotti, J. F., & Bodily, K. D. (2017). Do eye movements during shape discrimination reveal an underlying geometric structure? *Animal Behavior & Cognition*, 4, 267-285.
38. Green, M. L., Locker, L., Boyer, T. W., & Sturz, B. R. (2016). Stroop-like interference in a match-to-sample task: Further evidence for semantic competition? *Learning and Motivation*, 56, 53-64. [5-year Impact Factor: 1.07]
37. Edwards, J. E., Boyer, T. W., Bell, Z. K., & Sturz, B. R. (2016). Isolated processing of geometric shapes and their corresponding shape words: Evidence from a delayed match-to-sample task. *Journal of Experimental Psychology: Human Perception and Performance*, 42, 1088-1103. [5-year Impact Factor: 3.56]
36. Sturz, B. R., & Bodily, K. D. (2016). Detecting the perception of illusory spatial boundaries: Evidence from distance judgment. *Cognition*, 146, 371-376. [5-year Impact Factor: 4.62]
35. Forloines, M. R., Bodily, K. D., & Sturz, B. R. (2015). Evidence consistent with the multiple-bearings hypothesis from human virtual landmark-based navigation. *Frontiers in Psychology*, 6, 488. DOI: 10.3389/fpsyg.2015.00488 [5-year Impact Factor: 2.87]
34. Sturz, B. R. (2014). Modeling a role of field of view in the extraction of geometric cues during reorientation. *Frontiers in Psychology*, 5, 535. DOI: 10.3389/fpsyg.2014.00535 [5-year Impact Factor: 2.87]
33. Sturz, B. R., Gaskin, K. A., & Roberts, J. E. (2014). Incidental encoding of enclosure geometry does not require visual input: Evidence from blind-folded adults. *Memory & Cognition*, 42, 935-942. [5-year Impact Factor: 2.49].
32. Sturz, B. R., Edwards, J. E., & Boyer, T. W. (2014). Asymmetrical interference effects between two-dimensional geometric shapes and their corresponding shape words. *PLoS ONE*, 9, e92740. DOI: 10.1371/journal.pone.0092740 [5-year Impact Factor: 4.02]

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31. Katz, S. S., Brown, M. F., & Sturz, B. R. (2014). A consistent but non-coincident visual pattern facilitates the learning of spatial relations among locations. *Psychonomic Bulletin & Review*, 21, 114-120. [5-year Impact Factor: 3.31]
  30. Sturz, B. R., Green, M. L., Locker, L., & Boyer, T. W. (2013). Stroop interference in a delayed match-to-sample task: Evidence for semantic competition. *Frontiers in Psychology*, 4, 842. DOI: 10.3389/fpsyg.2013.00842 [5-year Impact Factor: 2.87]
  29. Sturz, B. R., Kilday, Z. A., & Bodily, K. D. (2013). Does constraining field of view prevent extraction of geometric cues for humans during virtual-environment reorientation? *Journal of Experimental Psychology: Animal Behavior Processes*, 39, 390-396. [5-year Impact Factor: 2.14]
  28. Kelly, J. W., Sjolund, L. A., & Sturz, B. R. (2013). Geometric cues, reference frames, and the equivalence of experienced-aligned and novel-aligned views in human spatial memory. *Cognition*, 3, 459-474. [5-year Impact Factor: 4.62]
  27. Sturz, B. R., & Kelly, D. M. (2013). Environment size and the use of feature and geometric cues for reorientation. *Acta Psychologica*, 142, 251-258. [5-year Impact Factor: 3.02]
  26. Sturz, B. R., Green, M. L., Gaskin, K. A., Evans, A. C., Graves, A. A., & Roberts, J. E. (2013). More than a feeling: Incidental learning of array geometry by blind-folded adult humans revealed through touch. *The Journal of Experimental Biology*, 216, 390-396. [5-year Impact Factor: 3.33]
  25. Sturz, B. R., Gaskin, K. A., & Bodily, K. D. (2013). Overtraining and the use of feature and geometric cues for reorientation. *Psychological Research*, 77, 176-182. [5-year Impact Factor: 2.53]
  24. Bodily, K. D., Kilday, Z. A., Eastman, C. K., Gaskin, K. A., Graves, A. A., Roberts, J. E., & Sturz, B. R. (2013). Beacons and surface features differentially influence human reliance on global and local geometric cues when reorienting in a virtual environment. *Behavioural Processes*, 93, 71-81. [5-year Impact Factor: 1.76]
  23. Sturz, B. R., & Bodily, K. D. (2012). On discriminating between geometric strategies of surface-based orientation. *Frontiers in Psychology*, 3, 112. DOI:10.3389/fpsyg.2012.00112 [5-year Impact Factor: 2.87]

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22. Sturz, B. R., Kilday, Z. A., Bodily, K. D., & Kelly, D. M. (2012). No evidence that consistent auditory cues facilitate learning of spatial relations among locations. *Behavioural Processes*, *90*, 198-203. [5-year Impact Factor: 1.76]
  21. Bodily, K. D., Daniel, T. A., & Sturz, B. R. (2012). The roles of beaconing and dead reckoning in human virtual navigation. *Learning and Motivation*, *43*, 14-23. [5-year Impact Factor: 1.07]
  20. Sturz, B. R., Forloines, M. R., & Bodily, K. D. (2012). Enclosure size and the use of local and global geometric cues for reorientation. *Psychonomic Bulletin & Review*, *19*, 270-276. [5-year Impact Factor: 3.31]
  19. Sturz, B. R., & Bodily, K. D. (2011). Is surface-based orientation influenced by a proportional relationship of shape parameters? *Psychonomic Bulletin & Review*, *18*, 848-854. [5-year Impact Factor: 3.31]
  18. Sturz, B. R., & Bodily, K. D. (2011). Of global space or perceived place? Comment on Kelly et al. *Biology Letters*, *7*, 647-648. [5-year Impact Factor: 3.90]
  17. Bodily, K. D., Eastman, C. K., & Sturz, B. R. (2011). Neither by global nor local cues alone: Evidence for a unified orientation process. *Animal Cognition*, *14*, 665-674. [5-year Impact Factor: 3.05]
  16. Sturz, B. R., Cooke, S. P., & Bodily, K. D. (2011). Solving for two unknowns: An extension of vector-based models of landmark-based navigation. *Journal of Experimental Psychology: Animal Behavior Processes*, *37*, 368-374. [5-year Impact Factor: 2.14]
  15. Sturz, B. R., Gurley, T., & Bodily, K. D. (2011). Orientation in trapezoid-shaped enclosures: Implications for theoretical accounts of geometry learning. *Journal of Experimental Psychology: Animal Behavior Processes*, *37*, 246-253. [5-year Impact Factor: 2.14]
  14. Brown, M. F., Sturz, B. R., Andriole, K. L., Hardesty, S., & Place, M. (2010). Precedence of spatial pattern learning revealed by immediate reversal performance. *Behavioural Processes*, *85*, 252-264. [5-year Impact Factor: 1.76]
  13. Sturz, B. R., & Bodily, K. D. (2010). Encoding of variability of landmark-based spatial information. *Psychological Research*, *74*, 560-567. [5-year Impact Factor: 2.53]



12. Sturz, B. R., Kelly, D. M., & Brown, M. F. (2010). Facilitation of learning spatial relations among locations by visual cues: Generality across spatial configurations. *Animal Cognition*, 13, 341-349. [5-year Impact Factor: 3.05]
11. Katz, J. S., Sturz, B. R., & Wright, A. A. (2010). Domain is a moving target for relational learning. *Behavioural Processes*, 83, 172-175. [5-year Impact Factor: 1.76]
10. Sturz, B. R., & Diemer, S. M. (2010). Reorienting when cues conflict: A role for information content in spatial learning? *Behavioural Processes*, 83, 90-98. [5-year Impact Factor: 1.76]
9. Katz, J. S., Sturz, B. R., & Wright, A. A. (2010). Testing the translational-symmetry hypothesis of abstract-concept learning in pigeons. *Learning & Behavior*, 38, 35-41. [5-year Impact Factor: 1.67]
8. Sturz, B. R., & Kelly, D. M. (2009). Encoding of relative enclosure size in a dynamic three-dimensional virtual environment by humans. *Behavioural Processes*, 82, 223-227. [5-year Impact Factor: 1.76]
7. Sturz, B. R., Brown, M. F., & Kelly, D. M. (2009). Facilitation of learning spatial relations among locations by visual cues: Implications for theoretical accounts of spatial learning. *Psychonomic Bulletin & Review*, 16, 306-312. [5-year Impact Factor: 3.31]
6. Sturz, B. R., & Katz, J. S. (2009). Learning of absolute and relative distance and direction from discrete visual landmarks by pigeons (*Columba livia*). *Journal of Comparative Psychology*, 123, 90-113. [5-year Impact Factor: 2.58]
5. Sturz, B. R., Bodily, K. D., Katz, J. S., & Kelly, D. M. (2009). Evidence against integration of spatial maps in humans: Generality across real and virtual environments. *Animal Cognition*, 12, 237-247. [5-year Impact Factor: 3.05]
4. Sturz, B. R., Bodily, K. D., & Katz, J. S. (2009). Dissociation of past and present experience in problem solving using a virtual environment. *CyberPsychology & Behavior*, 12, 15-19. [5-year Impact Factor: 2.54]
3. Nakamura, T., Wright, A. A., Katz, J. S., Bodily, K. D., & Sturz, B. R. (2009). Abstract-concept learning carryover effects from the initial training set in pigeons (*Columba livia*). *Journal of Comparative Psychology*, 123, 79-89. [5-year Impact Factor: 2.58]

2. Zhu, L., Wong, J., Sturz, B. R., Shi, Y., & Tang, C. (2008). An integrated evaluation method for module-based undergraduate information retrieval. *Journal Computing Sciences in Colleges*, 23, 148-156. [5-year Impact Factor: N/A]
1. Sturz, B. R., Bodily, K. D., & Katz, J. S. (2006). Evidence against integration of spatial maps in humans. *Animal Cognition*, 9, 207-217. [5-year Impact Factor: 3.05]

### **Publications: Peer-Reviewed Conference Proceedings**

1. Loewen, G., O'Quinn, J., Weston, J., Saad, A., & Sturz, B. R. (2011). *CRIEP: A platform for distributed robotics research*. Proceedings of the Association for Computing Machinery Southeast (ACMSE).

### **Publications: Chapters**

4. Sturz, B. R. (2017). Geometric encoding. In J. Vonk & T. Shackelford (Eds.) *Encyclopedia of animal cognition and behavior*. Springer.
3. Steirn, J. N., Bodily, K. D., & Sturz, B. R. (2015). Comparative psychology. In J. G. Irons & R. L. Miller (Eds.) *Academic advising: A handbook for advisors and students. Volume 2: A guide to the sub-disciplines* (pp. 47-50). Society for the Teaching of Psychology.
2. Sturz, B. R., Bodily, K. D., Hernández, M., Schmidtke, K. A., & Katz, J. S. (2008). Animal cognition. In S. F. Davis & W. Buskist (Eds.) *21<sup>st</sup> century psychology: A reference handbook* (pp. 285-293). Thousand Oaks, CA: Sage.
1. Katz, J. S., Sturz, B. R., Bodily, K. D., & Hernández, M. (2006). Independent study: A conceptual framework. In W. Buskist & S. F. Davis (Eds.) *Handbook of the teaching of psychology* (pp. 131-136). Malden, MA: Blackwell.

### **Scholarly Presentations**

98. Bell, Z. K., Sullens, D. G., Bodily, K. D., & Sturz, B. R. (2017). *Exploring the relationship between training and testing enclosure size on the use of global and local geometric cues during spatial reorientation*. Poster accepted to a meeting of the Comparative Cognition Society, Melbourne, FL.
97. Sturz, B. R., Boyer, T. W., Magnotti, J. F., & Bodily, K. D. (2016). *Psychophysics and eye-tracking of two-dimensional rectangle/square perception: Implication for orientation via geometric cues?* Poster presented to Spatial Cognition, Philadelphia, PA.

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96. Green, M. L., Locker, L., Boyer, T. W., & Sturz, B. R. (2016). *Stroop interference in a match-to-sample task: Implications for semantic and response competition accounts*. Poster presented to the Annual Meeting of the Psychonomic Society, Boston, MA.
95. Flateby, T., Walker, A., & Sturz, B. R. (2016). *Rubrics to accurately and consistently measure QEP learning outcomes*. Presented to first year Quality Enhancement Plan Faculty. Georgia Southern University.
94. Flateby, T., Walker, A., & Sturz, B. R. (2016). *Developing or aligning program student learning outcomes with Write!3 outcomes*. Presented to first year Quality Enhancement Plan Faculty. Georgia Southern University.
93. Green, M. L., Roberts, J. E., & Sturz, B. R. (2016). *Geometric and tactile cue conflict in the absence of visual sense: Evidence from the reorientation paradigm*. Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
92. Bell, Z. K., Edwards, J. E., Boyer, T. W., & Sturz, B. R. (2016). *Manipulation of filled and unfilled shapes and shape words confirms saliency manipulation in a delayed match-to-sample task*. Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
91. Bruster, M. C., Bodily, K. D., Brown, M. F., & Sturz, B. R. (2016). *Observation of search strategies facilitates and inhibits subsequent learning of spatial relations among locations*. Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
90. Sullens, D. G., Price, S. J., Sturz, B. R., & Bodily, K. D. (2016). *Dissociating principal and medial axis predictions: Effects of training enclosure size*. Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
89. Sturz, B. R., & Bodily, K. D. (2016). *Detecting the perception of illusory spatial boundaries: Evidence from distance judgments*. Paper presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
88. Price, S. J., Sullens, D. G., Bodily, K. D., & Sturz, B. R. (2015). *Training enclosure size affects spatial orientation by principal axis*. Poster presented to a meeting of the Southeastern Association for Behavior Analysis, Roanoke, VA.
87. Green, M. L., Evans, A. C., Roberts, J. E., & Sturz, B. R. (2015). *Non-goal cues can be used to disambiguate the correct from the rotationally equivalent location: Evidence from blind-folded adults*. Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.

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86. Bruster, M. C., Bodily, K. D., Brown, M. F., & Sturz, B. R. (2015). *Does observational learning influence spatial pattern learning for humans?* Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
85. Edwards, J. E., Asby, C., Baker, T., Brooks, D. Dyches, A., Boyer, T. W., & Sturz, B. R. (2015). *Using a delayed match-to-sample task to further investigate the isolated processing of geometric shapes and their corresponding shape words.* Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
84. Bodily, K. D., Sturz, B. R., & Kilday, Z. A. (2015). *The effects of beacons and surface features on human spatial reorientation.* Winter Conference on Animal Learning and Behavior, Winter Park, Colorado.
83. Edwards, J. E., Boyer, T. W., & Sturz, B. R. (2014). *An asymmetry in shape and shape word interference: Evidence for core geometric knowledge.* Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
82. Green, M. L., Gaskin, K. A., Roberts, J. E., & Sturz, B. R. (2014). *Orientation via enclosure geometry by blind-folded adults: Evidence against view-based matching theories of spatial orientation.* Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
81. Sturz, B. R., Green, M. L., Locker, L., & Boyer, T. W. (2013). *Stroop interference in a delayed match-to-sample task: Evidence for semantic competition.* Poster presented to a meeting of the Psychonomic Society, Toronto, Canada.
80. Sturz, B. R., & Naufel, K. Z. (2013). *Males show improved perspective-taking performance when females images occupy locations in the spatial array: Preliminary evidence consistent with sexual selection of spatial skills?* Paper presented to a meeting of the Fall Meeting of the Comparative Cognition Society, Toronto, Canada.
79. Sturz, B. R., Sjolund, L. A., & Kelly, J. W. (2013). *Geometric cues, reference frames, and the equivalence of experienced-aligned and novel-aligned views in human spatial memory.* Paper presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
78. Katz, S. S., Brown, M. F., & Sturz, B. R. (2013). *Does the presence of a non-coincident visual spatial pattern facilitate the learning of spatial relations among locations?* Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.

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77. Green, M. L., Gaskin, K. A., Evans, A. C., Graves, A. A., Roberts, J. E., & Sturz, B. R. (2013). *More than a feeling: Incidental learning of array geometry by blind-folded adult humans revealed through touch*. Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
76. Gaskin, K. A., Green, M. L., Evans, A. C., Graves, A. A., Roberts, J. E., Allen, D., Geary, R., & Sturz, B. R. (2013). *Haptic orienting in an enclosure: Spatial geometry learning via touch*. Poster presented to the Annual Meeting of the Southeastern Psychological Association, Atlanta, GA.
75. Sturz, B. R., Kilday, Z. A., Police, S. P., & Bodily, K. D. (2012). *A room with a (different) view: A role for field of view in the reorientation process*. Poster presented to a meeting of the Psychonomic Society, Minneapolis, MN.
74. Bodily, K. D., Kilday, Z. A., Eastman, C. K., Gaskin, K. A., Graves, A., Roberts, J. E., & Sturz, B. R. (2012). *The roles of surface features and beacons on the use of local and global geometric cues for reorientation*. Poster presented to a meeting of the Psychonomic Society, Minneapolis, MN.
73. Gaskin, K. A., Graves, A., Green, M. L., Evans, A. C., Roberts, J. E., & Sturz, B. R. (2012). Haptic spatial orientation using geometry and features during conflict. Paper presented at a meeting of the Armstrong Atlantic State University 18<sup>th</sup> Annual Student Research Symposium, Savannah, GA.
72. Evans, A. C., Green, M. L., Gaskin, K., Graves, A., Roberts, J. E., & Sturz, B. R. (2012). Rotate or Replace? *Learning of spatial and tactile landmarks*. Presented at the 11<sup>th</sup> Annual Georgia Undergraduate Research in Psychology Conference, Kennesaw, GA.
71. Green, M. L., Evans, A. C., Gaskin, K. A., Graves, A., Roberts, J. R., & Sturz, B. R. (2012). *Non-visual spatial learning of array geometry via touch*. Poster presented at the 11<sup>th</sup> Annual Georgia Undergraduate Research in Psychology Conference, Kennesaw, GA.
70. Forloines, M. R., White, A., Bodily, K. D., & Sturz, B. R. (2012). *Assessment of human spatial blocking with stable versus unstable landmarks*. Poster presented to a meeting of the Georgia Southern University's Annual Graduate Research Symposium, Statesboro, GA.
69. Sturz, B. R., Forloines, M. R., & Bodily, K. D. (2012). *Enclosure size and the use of local and global geometric cues for orientation*. Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.

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68. Forloines, M. R., Bodily, K. D., Sturz, B. R., & White, A. (2012). *Assessment of human spatial blocking with stable and unstable landmarks*. Poster presented to a meeting of the Comparative Cognition Society, Melbourne, FL.
67. Sturz, B. R., & Bodily, K. D. (2012). *Orientation via enclosure shape: Observations and implications*. Paper presented to a meeting of the Southern Society for Philosophy and Psychology, Savannah, GA.
66. Sturz, B. R., Eastman, C. K., & Bodily, K. D. (2011). *Neither by global nor local cues alone: Evidence for a unified orientation process*. Poster presented to a meeting of the Psychonomic Society, Seattle, WA.
65. Sturz, B. R., & Bodily, K. D. (2011). *Is surface-based orientation influenced by a proportional relationship of shape parameters?* Paper presented to the Fall Meeting of the Comparative Cognition Society, Seattle, WA.
64. Kelly, J. W., & Sturz, B. R. (2011). *Environmental cues to reference frame selection: Room axes and surfaces*. Poster presented to a meeting of the Psychonomic Society, Seattle, WA.
63. Sturz, B. R. (2011). *Surface-based orientation: Observations, implications, and speculations*. Invited Alumni Research Award Address. Auburn University, Auburn, AL.
62. Eastman, C. K., Gaskin, K. A., Graves, A. A., Bodily, K. D., & Sturz, B. R. (2011). *Surface-based orientation is influenced by the reliability of the principal axis of space*. Poster presented at a meeting of the Armstrong Atlantic State University 17<sup>th</sup> Annual Student Research Symposium, Savannah, GA.
61. Sturz, B. R., Cooke, S. P., Eastman, C. K., Katz, S. S., & Bodily, K. D. (2011). *Solving for two unknowns: An extension of vector-based models of landmark-based navigation*. Paper presented to a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
60. Bodily, K. D., Eastman, C. K., & Sturz, B. R. (2011). *Reliability of principal axis influences use of geometric cues: Evidence for a unified orientation process*. Paper presented to a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
59. Brown, M. F., Sturz, B. R., Andriole, K. L., Hardesty, S., & Place, M. (2011). *Precedence of spatial pattern learning revealed by immediate reversal performance*. Paper presented to a meeting of the Eastern Psychological Association, Cambridge, MA.

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58. Sturz, B. R., & Bodily, K. D. (2010). *Orientation in trapezoid-shaped enclosures: Implications for theoretical accounts of geometry learning*. Paper presented to a meeting of the Psychonomic Society, St. Louis, MO.
57. Sturz, B. R., & Gaskin, K. A. (2010). *Reorienting when cues conflict: A role for information content in spatial learning?* Paper presented to the Fall Meeting of the Comparative Cognition Society, St. Louis, MO.
56. Brown, M. F., & Sturz, B. R. (2010). *Precedence of spatial pattern learning revealed by immediate reversal performance*. Paper presented to a meeting of the Psychonomic Society, St. Louis, MO.
55. Clements, C., Gurley, T., Bodily, K. D., & Sturz, B. R. (2010). *Human spatial orientation is controlled by the principal axis of an enclosure*. Poster presented to a meeting of the Southeastern Association for Behavior Analysis, Asheville, NC.
54. Brown, M. F., & Sturz, B. R. (2010). *Spatial pattern learning and transposition*. Paper presented to a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
53. Kelly, D. M., & Sturz, B. R. (2010). *Encoding of relative enclosure size in a dynamic three-dimensional virtual environment by humans*. Paper presented to a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
52. Gurley, T., Bodily, K. D., & Sturz, B. R. (2010). *Orientation in trapezoid-shaped enclosures: Determination of geometric features controlling spatial choice*. Poster presented to a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
51. Cooke, S. P., Diemer, S. M., Eastman, C. K., Forloines, M. R., Hattaway, R. A., Krzywanski, S. N., Bodily, K. D., & Sturz, B. R. (2010). *Encoding of variability of landmark-based spatial information*. Poster presented to a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
50. Loewen, G., O'Quinn, J., Weston, J., Saad, A., & Sturz, B. R. (2009). *A web-based platform for distributed robotics research*. Paper presented to the Armstrong Atlantic State University College of Science and Technology Colloquium, Savannah, GA.
49. Sturz, B. R., Kelly, D. M., & Brown, M. F. (2009). *Facilitation of learning spatial relations among locations in the absence of coincident visual cues*. Poster presented at the meeting of the Psychonomic Society, Boston, MA.

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48. Sturz, B. R., Kelly, D. M., & Brown, M. F. (2009). *Facilitation of learning spatial relations among locations: Generality across configurations*. Paper presented at the 2<sup>nd</sup> Annual Fall meeting of the Comparative Cognition Society, Boston, MA.
  47. Sturz, B. R., & Bodily, K. D. (2009). *Effect of locational uncertainty in human search performance*. Paper presented to the Armstrong Atlantic State University College of Science and Technology Colloquium, Savannah, GA.
  46. Elcoro, M., Ross, E. A., & Sturz, B. R. (2009). *Acquisition of an operant response with delayed reinforcement and different lever locations: Visual and quantitative analysis*. Poster presented to a meeting of the Southeastern Association for Behavior Analysis, Charlotte, NC.
  45. O'Quinn, J., Weston, J., Loewen, G., Saad, A., & Sturz, B. R. (2009). *Undergraduate robotics research: Towards a cognitive robotics intelligence and education platform*. Paper presented to the Armstrong Atlantic State University College of Science and Technology Colloquium, Savannah, GA.
  44. Sturz, B. R. (2009). *Mechanisms of spatial orientation and navigation: Similarity in real and virtual environments*. Paper presented at the Robert I. Strozier Faculty Lecture Series, Savannah, GA.
  43. Sturz, B. R., Kelly, D. M., & Brown, M. F. (2009). *Facilitation of learning spatial relations among goal locations does not require visual exposure to the configuration of goal locations*. Paper presented to a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
  42. Sturz, B. R., Brown, M. F., & Kelly, D. M. (2008). *Facilitation of spatial pattern learning with visual cues in real and virtual environments: Implications for associative accounts of spatial learning*. Poster presented at a meeting of the Psychonomic Society, Chicago, IL.
  41. Sturz, B. R., Brown, M. F., & Kelly, D. M. (2008). *Facilitation of spatial pattern learning with visual cues in real and virtual environments*. Paper presented at the 1<sup>st</sup> Annual Fall meeting of the Comparative Cognition Society, Chicago, IL.
  40. Bodily, K. D., Sturz, B. R., Katz, J. S., & Kelly, D. M. (2008). *Evidence against integration of spatial maps in humans: Similarity across real and virtual environments*. Paper presented at the 1<sup>st</sup> Annual Fall meeting of the Comparative Cognition Society, Chicago, IL.



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39. Brown, M. F., Sturz, B. R., & Andriole, K. L. (2008). *Immediate reversal learning produced by a spatial pattern*. Paper presented at a meeting of the Psychonomic Society, Chicago, IL.
  38. Al-Khalil, K., Bodily, K. D., Sturz, B. R., Katz, J. S., & Kelly, D. M. (2008). *Evidence against integration of spatial maps in humans in real and virtual environments*. Poster presented to a meeting of the Southeastern Association for Behavior Analysis, Atlanta, GA.
  37. LaPlant, J., Lambeth, M., Lukich, J., Clapan, S., Hamza-Lup, F., & Sturz, B. R. (2008). *Broadband analysis of collaborative haptics*. Poster presented at a meeting of the Creative Coastal Alliance TechFest, Savannah, GA.
  36. Lukich, J., Sturz, B. R., & Brown, M. F. (2008). *Spatial pattern learning by humans in a virtual environment*. Poster presented at a meeting of the Armstrong Atlantic State University 14<sup>th</sup> Annual Student Research Symposium, Savannah, GA.
  35. LaPlant, J., Lambeth, M., Lukich, J., Clapan, S., Hamza-Lup, F., & Sturz, B. R. (2008). *BACH: Broadband analysis of collaborative haptics*. Poster presented at a meeting of the Armstrong Atlantic State University 14<sup>th</sup> Annual Student Research Symposium, Savannah, GA.
  34. Sturz, B. R., & Brown, M. F. (2008). *Facilitation of spatial pattern learning with a visual cue by humans in a virtual environment*. Poster presented at a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
  33. Wright, A. A., Katz, J. S., Nakamura, T., Bodily, K. D., & Sturz, B. R. (2008). *Pigeons compare favorably to monkeys in abstract-concept learning*. Paper presented at a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
  32. Zhu, L., Wong, J., Sturz, B. R., Shi, Y., & Tang, C. (2008). *An integrated evaluation method for module-based undergraduate information retrieval*. Paper presented to a meeting of the Consortium for Computing Sciences in Colleges, Corpus Christi, TX.
  31. Sturz, B. R., & Katz, J. S. (2007). *Learning of absolute and relative distance and direction by pigeons*. Poster presented at a meeting of the Psychonomic Society, Long Beach, CA.
  30. Sturz, B. R., & Katz, J. S. (2007). *Learning of relative distance between discrete visual landmarks by pigeons (Columba livia)*. Poster presented to a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.

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29. Sturz, B. R., Kelly, D. M., & Katz, J. S. (2007). *Evidence against integration of spatial maps in humans: Generality across search tasks*. Paper presented to a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
  28. Schmidtke, K. A., Sturz, B. R., Katz, J. S., & Wright, A. A. (2007). *Observing response, set size, and abstract-concept formation by pigeons*. Poster presented to a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
  27. Schmidtke, K. A., Katz, J. S., Sturz, B. R., & Wright, A. A. (2007). *Set size, and observing response requirements independently affect abstract-concept learning*. Poster presented at a meeting of the GSC Research Forum, Auburn University, Auburn, AL.
  26. Bodily, K. D., Katz, J. S., Wright, A. A., & Sturz, B. R. (2006). *Set-size expansion and abstract-concept learning*. Poster presented at a meeting of the Psychonomic Society, Houston, TX.
  25. Sturz, B. R., & Katz, J. S. (2006). *Learning of a geometric relationship between discrete visual landmarks by pigeons (Columba livia)*. Paper presented to a meeting of the Research Festival, Auburn University, Auburn, AL.
  24. Sturz, B. R., Bodily, K. D., & Katz, J. S. (2006). *Evidence for spatial integration in humans*. Poster presented at a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
  23. Bodily, K. D., Sturz, B. R., & Katz, J. S. (2006). *Humans generalized spatial rules instead of integrating spatial maps in a virtual open field*. Poster presented at a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
  22. Katz, J. S., Wright, A. A., & Sturz, B. R. (2006). *Same/different concept learning: Familiarity and emergent features*. Poster presented at a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
  21. Sturz, B. R., Bodily, K. D., Katz, J. S., & Barker, L. M. (2005). *Failure to integrate spatial information in a virtual environment foraging task*. Poster presented at a meeting of the Psychonomic Society, Toronto, Canada.
  20. Katz, J. S., Wright, A. A., Sturz, B. R., Nakamura, T., Rivera, J. J., & Bodily, K. D. (2005). *Familiarity processing in primates and avians: Observing response requirements*. Poster presented at a meeting of the Psychonomic Society, Toronto, Canada.

19. Wright, A. A., Katz, J. S., Nakamura, T., Rivera, J. J., Sturz, B. R., & Bodily, K. D. (2005). *Familiarity processing in primates and avians: Proactive interference*. Poster presented at a meeting of the Psychonomic Society, Toronto, Canada.
18. Sturz, B. R. (2005). *A preliminary look at two teaching techniques*. Paper presented at a meeting of the Teaching Festival, Auburn University, Auburn, AL.
17. Bodily, K. D., & Sturz, B. R. (2005). *Virtual open-field: Evidence for integration of spatial maps in humans and pigeons?* Paper presented at a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
16. Sturz, B. R., & Bodily, K. D. (2005). *Virtual open-field: Evidence against integration of spatial maps in humans*. Paper presented at a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
15. Nakamura, T., Wright, A. A., Rivera, J. J., Katz, J. S., Bodily, K. D., Sturz, B. R. (2005). *Training with different initial set sizes and same/different concept learning in pigeons*. Paper presented at a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
14. Katz, J. S., Bodily, K. D., Sturz, B. R., & Wright, A. A. (2005). *Comparing concept learning in matching-to-sample and same/different by pigeons*. Paper presented at a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
13. Bodily, K. D., & Sturz, B. R. (2005). *Virtual open-field: Spatial map integration in humans and pigeons?* Paper presented at a meeting of the GSC Research Forum, Auburn University, Auburn, AL.
12. Sturz, B. R. & Bodily, K. D. (2005). *Integration of spatial maps: An overview*. Colloquium, Auburn University, Auburn, AL
11. Sturz, B. R., Bodily, K. D., & Katz, J. S. (2004). *Problem-solving in a virtual environment: Effects of specific and general experience*. Poster presented at a meeting of the Psychonomic Society, Minneapolis, MN.
10. Katz, J. S., Sturz, B. R., Bodily, K. D., Hernández, M. & Wright, A. A. (2004). *Simultaneous and sequential abstract-concept learning by pigeons*. Poster presented at a meeting of the Psychonomic Society, Minneapolis, MN.

9. Sturz, B. R., Bodily, K. D., & Katz, J. S. (2004). *Virtual open-field: Humans perform like pigeons*. Paper presented at a meeting of the Research Festival, Auburn University, Auburn, AL.
8. Sturz, B. R., Bodily, K. D., Katz, J. S., & Hernández, M. (2004). *Problem solving in a virtual environment: Specific and general experience interact*. Poster presented at a meeting of the Southeastern Association for Behavior Analysis, Charlotte, NC.
7. Bodily, K. D., Katz, J. S., Hernández, M., Sturz, B. R., & Wright, A. A. (2004). *MTS set-size expansion produces control by relations*. Poster presented at a meeting of the Southeastern Association for Behavior Analysis, Charlotte, NC.
6. Hernández, M., Katz, J. S., Bodily, K. D., & Sturz, B. R. (2004). *Vector determination in pigeons*. Poster presented at a meeting of the Southeastern Association for Behavior Analysis, Charlotte, NC.
5. Sturz, B. R., Katz, J. S., Bodily, K. D. & Wright, A. A. (2004). *Same/Different learning by pigeons: The role of symmetry*. Paper presented at a meeting of the Comparative Cognition Conference, Melbourne Beach, FL.
4. Sturz, B. R., Bodily, K. D. & Katz, J. S. (2004). *Problem-solving in a virtual environment: The role of experience*. Paper presented at a meeting of the Southeastern Psychological Association, Atlanta, GA.
3. Sturz, B. R., Bodily, K. D. & Katz, J. S. (2004). *Solving problems in a virtual environment: Effects of skill acquisition*. Paper presented at a meeting of the GSC Research Forum, Auburn University, Auburn, AL.
2. Hernández, M., Sturz, B. R., Katz, J. S. & Wright, A. A. (2004). *Simultaneous auditory and visual serial probe recognition*. Poster presented at a meeting of the GSC Research Forum, Auburn University, Auburn, AL.
1. Sturz, B. R. (2003). *Problem-solving in a virtual environment*. Colloquium, Auburn University, Auburn, AL.

### **Research Experience**

*Human Learning and Cognition Laboratory*, Georgia Southern University, Statesboro, GA, 2011-present. Primary Investigator

*Human Learning and Cognition Laboratory*, Armstrong Atlantic State University, Savannah, GA, 2007-2011. Primary Investigator

*Developmental Robots Laboratory*, Armstrong Atlantic State University, Savannah, GA, 2007-2011. Co-Primary Investigator with AASU Computer Science Department Faculty

*Broadband Analysis of Collaborative Haptics (BACH) Laboratory*, Armstrong Atlantic State University, Savannah, GA, 2007-2011. Co-Primary Investigator with AASU Computer Science Department Faculty

*Post-Doctoral Position – Comparative Cognition Laboratory*, Villanova University, PA, 2007. Dr. Michael Brown – Advisor.

*Head Graduate Research Assistant – Avian Cognition and Learning Laboratory*, Auburn University, AL, 2004-2006. Dr. Jeffrey Katz – Advisor.

*Graduate Research Assistant – Virtual Environment Laboratory*, Auburn University, AL, 2003-2006. Dr. Jeffrey Katz – Advisor.

*Graduate Research Assistant - Avian Cognition and Learning Laboratory*, Auburn University, AL, 2002-2004. Dr. Jeffrey Katz – Advisor.

*Graduate Research Assistant - Human Memory Project*, Auburn University, AL, 2002-2006. Dr. Jeffrey Katz – Advisor.

### **Teaching Experience**

*Instructor of Record* – Introduction to Psychology (2 sections), Georgia Southern University, Statesboro, GA, Summer 2017

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA, Summer 2017

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA, Summer 2017

*Instructor of Record* – Introduction to Psychology, Georgia Southern University, Statesboro, GA, Spring 2017

*Instructor of Record* – Research Experience, Georgia Southern University, Statesboro, GA, Spring 2017

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA, Spring 2017

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA,  
Spring 2017

*Instructor of Record* – Senior Seminar, Georgia Southern University,  
Statesboro, GA, Fall 2016

*Instructor of Record* – Psychological Statistics, Georgia Southern University,  
Statesboro, GA, Fall 2016

*Instructor of Record* – Dissertation, Georgia Southern University,  
Statesboro, GA, Fall 2016

*Instructor of Record* – Thesis, Georgia Southern University,  
Statesboro, GA, Fall 2016

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA,  
Summer 2016

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA,  
Summer 2016

*Instructor of Record* – Introduction to Psychology, Georgia Southern University,  
Statesboro, GA, Summer 2016

*Instructor of Record* – Introduction to Psychology, Georgia Southern University,  
Statesboro, GA, Summer 2016

*Instructor of Record* – Evolutionary Psychology, Georgia Southern University,  
Statesboro, GA, Spring 2016

*Instructor of Record* – Senior Seminar, Georgia Southern University, Statesboro, GA,  
Spring 2016

*Instructor of Record* – Development of Original Research, Georgia Southern  
University, Statesboro, GA, Spring 2016

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA,  
Spring 2016

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA,  
Spring 2016

*Instructor of Record* – Introduction to Psychology, Georgia Southern University,  
Statesboro, GA, Fall 2015

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA,  
Fall 2015

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA, Fall  
2015

*Instructor of Record* – Introduction to Psychology, Georgia Southern University,  
Statesboro, GA, Summer 2015

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA,  
Summer 2015

*Instructor of Record* – Evolutionary Psychology, Georgia Southern University,  
Statesboro, GA, Summer 2015

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA, Summer  
2015

*Instructor of Record* – Evolutionary Psychology, Armstrong State University,  
Savannah, GA, Summer 2015

*Instructor of Record* – Senior Seminar, Georgia Southern University, Statesboro, GA,  
Spring 2015

*Instructor of Record* – Introduction to Psychology, Georgia Southern University,  
Statesboro, GA, Spring 2015

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA,  
Spring 2015

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA, Spring  
2015

*Instructor of Record* – Introduction to Psychology, Georgia Southern University,  
Statesboro, GA, Fall 2014

*Instructor of Record* – Evolutionary Psychology, Georgia Southern University,  
Statesboro, GA, Fall 2014

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA, Fall  
2014

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA,  
Fall 2014

*Instructor of Record* – Research Experience, Georgia Southern University,  
Statesboro, GA, Fall 2014

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA, Summer  
2014

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA,  
Summer 2014

*Instructor of Record* – Research Experience, Georgia Southern University,  
Statesboro, GA, Summer 2014

*Instructor of Record* – Introduction to Psychology, Georgia Southern University,  
Statesboro, GA, Summer 2014

*Instructor of Record* – Evolutionary Psychology, Georgia Southern University,  
Statesboro, GA, Summer 2014

*Instructor of Record* – Evolutionary Psychology, Armstrong Atlantic State  
University, Savannah, GA, Summer 2014.

*Instructor of Record* – Directed Study, Georgia Southern University, Statesboro, GA,  
Spring 2014

*Instructor of Record* – Research Experience, Georgia Southern University,  
Statesboro, GA, Spring 2014

*Instructor of Record* – Research Methods, Georgia Southern University, Statesboro,  
GA, Spring 2014

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA,  
Spring 2014

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA,  
Spring 2014

*Instructor of Record* – Introduction to Psychology, Georgia Southern University,  
Statesboro, GA, Fall 2013

*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA,  
Fall 2013

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA,  
Fall 2013



*Instructor of Record* – Dissertation, Georgia Southern University, Statesboro, GA, Summer 2013

*Instructor of Record* – Behavior Modification, Georgia Southern University, Statesboro, GA, Summer 2013

*Instructor of Record* – Introduction to Psychology, Georgia Southern University, Statesboro, GA, Summer 2013

*Instructor of Record* – Evolutionary Psychology, Armstrong Atlantic State University, Savannah, GA, Summer 2013.

*Instructor of Record* – Directed Study, Georgia Southern University, Statesboro, GA Spring 2013

*Instructor of Record* – Development of Original Research, Georgia Southern University, Statesboro, GA, Spring 2013

*Instructor of Record* – Research Experience, Georgia Southern University, Statesboro, GA, Spring 2013

*Instructor of Record* – Senior Research, Georgia Southern University, Statesboro, GA, Spring 2013

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA, Spring 2013.

*Instructor of Record* – Research Methods, Georgia Southern University, Statesboro, GA, Spring, 2013

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA, Fall 2012

*Instructor of Record* – Introduction to Psychology, Georgia Southern University, Statesboro, GA, Fall 2012

*Instructor of Record* – Research Experience, Georgia Southern University, Statesboro, GA, Fall 2012

*Instructor of Record* – Thesis, Georgia Southern University, Statesboro, GA, Summer 2012

*Instructor of Record* – Behavior Modification, Georgia Southern University, Statesboro, GA, Summer 2012

*Instructor of Record* – Evolutionary Psychology, Armstrong Atlantic State University, Savannah, GA, Summer 2012

*Instructor of Record* – Development of Original Research, Georgia Southern University, Statesboro, GA, Spring 2012

*Instructor of Record* – Research Experience, Georgia Southern University, Statesboro, GA, Spring 2012

*Instructor of Record* – Research Methods, Georgia Southern University, Statesboro, GA, Spring 2012

*Instructor of Record* – Evolutionary Psychology, Georgia Southern University, Statesboro, GA, Spring 2012

*Instructor of Record* – Animal Behavior, Georgia Southern University, Statesboro, GA, Fall 2011

*Instructor of Record* – Introduction to Psychology, Georgia Southern University, Statesboro, GA, Fall 2011

*Instructor of Record* – Introduction to Psychological Research, Armstrong Atlantic State University, Savannah, GA. Summer 2011

*Instructor of Record* – Careers and Professional Skills in Psychology, Armstrong Atlantic State University, Savannah, GA. Summer 2011

*Instructor of Record* – Introduction to Psychology, Armstrong Atlantic State University, Savannah, GA. Summer 2011

*Instructor of Record* – Introduction to Psychological Research, Armstrong Atlantic State University, Savannah, GA. Spring 2011

*Instructor of Record* – Introduction to Psychology, Armstrong Atlantic State University, Savannah, GA. Spring 2011

*Instructor of Record* – Evolutionary Psychology, Armstrong Atlantic State University, Savannah, GA. Spring 2011

*Instructor of Record* – Introduction to Psychological Research (2 Sections), Armstrong Atlantic State University, Savannah, GA. Fall 2010

*Instructor of Record* – Careers and Professional Skills in Psychology (2 Sections), Armstrong Atlantic State University, Savannah, GA. Fall 2010

*Instructor of Record* – Classroom Leadership Practicum, Armstrong Atlantic State University, Savannah, GA. Fall 2010

*Instructor of Record* – Evolutionary Psychology, Armstrong Atlantic State University, Savannah, GA. Spring 2010

*Instructor of Record* – Research in Psychology, Armstrong Atlantic State University, Savannah, GA. Spring 2010

*Instructor of Record* – Introduction to Psychological Research, Armstrong Atlantic State University, Savannah, GA. Spring 2010

*Instructor of Record* – Careers and Professional Skills in Psychology (2 Sections), Armstrong Atlantic State University, Savannah, GA. Spring 2010

*Instructor of Record* – Classroom Leadership Practicum, Armstrong Atlantic State University, Savannah, GA. Spring 2010

*Instructor of Record* – Research in Psychology, Armstrong Atlantic State University, Savannah, GA. Fall 2009

*Instructor of Record* – Introduction to Psychological Research (2 Sections), Armstrong Atlantic State University, Savannah, GA. Fall 2009

*Instructor of Record* – Careers and Professional Skills in Psychology (2 Sections), Armstrong Atlantic State University, Savannah, GA. Fall 2009

*Instructor of Record* – Evolutionary Psychology, Armstrong Atlantic State University, Savannah, GA. Spring 2009

*Instructor of Record* – Careers and Professional Skills in Psychology (2 Sections), Armstrong Atlantic State University, Savannah, GA. Spring 2009

*Instructor of Record* – Introduction to Psychological Research, Armstrong Atlantic State University, Savannah, GA. Spring 2009

*Instructor of Record* – Introduction to Psychology (Freshman Learning Community), Armstrong Atlantic State University, Savannah, GA. Fall 2008

*Instructor of Record* – Careers and Professional Skills in Psychology (2 Sections), Armstrong Atlantic State University, Savannah, GA. Fall 2008

*Instructor of Record* – Classroom Leadership Practicum, Armstrong Atlantic State University, Savannah, GA. Fall 2008

*Instructor of Record* – Introduction to Psychological Research, Armstrong Atlantic State University, Savannah, GA. Fall 2008

*Instructor of Record* – Introduction to Psychology (3 Sections), Armstrong Atlantic State University, Savannah, GA. Summer 2008

*Instructor of Record* – Careers and Professional Skills in Psychology, Armstrong Atlantic State University, Savannah, GA. Summer 2008

*Instructor of Record* – Classroom Leadership Practicum, Armstrong Atlantic State University, Savannah, GA, Spring 2008

*Instructor of Record* – Introduction to Psychology (2 Sections), Armstrong Atlantic State University, Savannah, GA. Spring 2008

*Instructor of Record* – Introduction to Psychological Research, Armstrong Atlantic State University, Savannah, GA. Spring 2008

*Instructor of Record* – Introduction to Psychology (2 Sections), Armstrong Atlantic State University, Savannah, GA. Fall 2007

*Instructor of Record* – Introduction to Psychological Research, Armstrong Atlantic State University, Savannah, GA. Fall 2007

*Instructor of Record* – Basic Behavioral Principles and Behavior Modification, Armstrong Atlantic State University, Savannah, GA. Fall 2007

*Instructor of Record* – General Psychology, Villanova University, Villanova, PA. Spring 2007

*Instructor of Record* – Research Methods, Auburn University, Auburn, AL. Spring 2005

## **Service**

### **Departmental Service**

*Guest Speaker, Graduate Research Design – False Positive Psychology*, Georgia Southern University. Statesboro, GA. Spring 2016

*M.S. Program Review Committee*, Georgia Southern University, Statesboro, GA. Fall 2015-present

*Graduate Teaching Assistants Mentorship Committee*, Georgia Southern University.  
Fall 2015-present

*Introduction to Psychology: Core Curriculum Assessment Coordinator*, Georgia Southern University. Spring 2015-present

*Textbook Adoption Committee, Department Member*, Georgia Southern University,  
Fall 2014-present

*Tenure and Promotion Committee, Department Member*, Georgia Southern University, Fall 2014-present

*Judge, Psychology Department Research Writing Competition*, Georgia Southern University, Statesboro, GA. Spring 2014

*Untenured Faculty Mentoring Committee Member*, Georgia Southern University, Statesboro, GA. Fall 2013-present

*Non-Tenure Track Lecturer Search Committee Member*, Georgia Southern University, Statesboro, GA. Fall 2013-Spring 2014

*Tenure-Track Faculty Search Committee Member*, Georgia Southern University, Statesboro, GA. Fall 2012-Spring 2014

*M.S. Admissions Committee Member*, Georgia Southern University, Fall 2012-present

*M.S. Program Assessment Committee*, Georgia Southern University, Statesboro, GA. Fall 2012-present

*Judge, Psychology Department Research Writing Competition*, Georgia Southern University, Statesboro, GA. Summer 2012

*Chair, Space Allocation Committee*, Georgia Southern University, Statesboro, GA. Fall 2012-present

*Graduate/Undergraduate Research Supervisor*, Human Learning and Cognition Laboratory, Georgia Southern University, Statesboro, GA. Fall 2011 - present

*Guest Speaker, Psychology Coalition/Psi Chi Meeting*, Georgia Southern University. Statesboro, GA. Fall 2011

*Recruitment Committee*, Georgia Southern University. Statesboro, GA. Fall 2011-2013

*Tenure-Track Faculty Search Committee Member*, Armstrong Atlantic State University, Savannah, GA. Spring 2011

*Tenure-Track Faculty Search Committee Member*, Armstrong Atlantic State University, Savannah, GA. Fall 2010-Spring 2011

*Department Grade Appeal Committee Member*, Armstrong Atlantic State University, Savannah, GA. Spring 2010

*Host, Psi Chi & Twitmyer Psychology Club Movie Night*, Armstrong Atlantic State University, Savannah, GA. Spring 2010

*Tenure-Track Faculty Search Committee Member*, Armstrong Atlantic State University, Savannah, GA. Spring 2009

*Webmaster* - Department of Psychology, Armstrong Atlantic State University, Savannah, GA, Fall 2008-2010

*Department Representative*, Navigate Armstrong. Armstrong Atlantic State University, Savannah, GA, Summer 2008

*Full-Time Temporary Faculty Search Committee Member*, Armstrong Atlantic State University, Savannah, GA. Spring 2008

*Co-Chair Tenure-Track Faculty Search Committee*, Armstrong Atlantic State University, Savannah, GA. Fall 2007 – Spring 2008

*New Course Proposal and Development to Undergraduate Psychology Core Curriculum: Careers & Professional Skills in Psychology*, Armstrong Atlantic State University, Savannah, GA. Fall 2007

*Academic Advisor to Psychology Undergraduate Students*, Armstrong Atlantic State University, Savannah, GA. Spring, 2008 – 2011

*Undergraduate Research Supervisor*, Human Learning and Cognition Laboratory, Armstrong Atlantic State University, Savannah, GA. Spring, 2008-2011

*Administrator* – Research Participant Pool Management System, Armstrong Atlantic State University, Savannah, GA. Fall 2007 – 2010

*Graduate/Undergraduate Research Supervisor*, Comparative Cognition Laboratory, Villanova University, PA. Spring 2007.

**University Service**

*Center for Teaching and Learning Workshop: “Effective Peer Review: A Metacognitive Approach”, Attendant, Georgia Southern University, Spring 2017*

*Assessment Retreat, Georgia Southern University, Summer 2016*

*Quality Enhancement Plan Teaching Strategies Retreat, Georgia Southern University, Summer 2016*

*Quality Enhancement Plan Scoring Retreat, Georgia Southern University, Summer 2016*

*Center for Teaching and Learning Workshop: “Engaging student through writing”, Attendant, Georgia Southern University, Spring 2016*

*Center for Teaching and Learning Workshop: “Documenting Teaching Effectiveness through Course Assessment: How Assessment Can Benefit You as well as Your Students”, Attendant, Georgia Southern University, Fall 2015*

*Center for Teaching and Learning Workshop: “Responding to Student Writing”, Attendant, Georgia Southern University, Fall 2015*

*Center for Teaching and Learning Workshop: “Creating Effective Writing Assignments”, Attendant, Georgia Southern University, Fall 2015*

*Quality Enhancement Plan, Assistant Director, Georgia Southern University, Summer 2015 - present*

*Quality Matters Professional Development Workshop, Attendant, Georgia Southern University, Spring 2015*

*Southern Scholars Showcase, Interviewer, Georgia Southern University, Spring 2015*

*Southern Scholars Showcase, Interviewer, Georgia Southern University, Fall 2014*

*Student Creative Activities and Research Committee, Georgia Southern University, Fall 2014 – present*

*Faculty Governance Committee, Georgia Southern University, Fall 2014 – 2016*

*General Education Assessment Retreat, Georgia Southern University, Summer 2013 & Summer 2014*

*Program Assessment Retreat*, Georgia Southern University, Summer 2013

*Faculty Research Demonstration*, 2013 Research Symposium, Georgia Southern University, Spring 2013

*Promotional Video*, Promoting Undergraduate Research, Georgia Southern University, Spring 2013

*Faculty Governance Committee, Alternate*, Georgia Southern University, Fall 2012-Summer 2014

*Institutional Review Board (IRB)*, Georgia Southern University, Fall 2011-present

*Guest Lecture*, Visual Perception, Professional Practice, Graphic Design Course. Fall 2011

*Data Content Management (DCM) University Committee*, Armstrong Atlantic State University, Fall 2010-2011

*Graduate Student Thesis Committee Member*, Armstrong Atlantic State University, Information Technology, Computer Science, and Engineering Department, Spring 2010

*Host, Faculty Forum: Designing Teaching and Learning Research Studies*, Armstrong Atlantic State University, Fall 2009

*Committee Member, Research & Scholarship Committee*, Armstrong Atlantic State University, Fall 2009-2010

*Host, Faculty Forum: The Role of the Research & Scholarship Committee*, Armstrong Atlantic State University, Spring 2009

*Research & Scholarship Committee Representative, Internal Grants Workshop*, Armstrong Atlantic State University, Fall 2008

*Research Consultant for National Science Foundation (NSF) funded Learning Community Research Studies*, Partnership for Reform in Science and Mathematics (PRISM), Armstrong Atlantic State University, Savannah, GA, Fall 2008

*Chair, Institutional Animal Care and Use Committee (IACUC)*, Armstrong Atlantic State University, Savannah, GA, Fall 2008-2011



*Chair, Research & Scholarship Committee*, Armstrong Atlantic State University,  
Savannah, GA, Fall 2008-Fall 2009

*Judge, 14<sup>th</sup> Annual Student Research Symposium*, Armstrong Atlantic State  
University, Savannah, GA, Spring 2008

*Department Representative*, Freshman Learning Community for Science,  
Technology, Engineering, and Mathematics (STEM), Armstrong Atlantic State  
University, Fall 2008

*Department Representative*, Armstrong Atlantic State University Open House,  
Spring 2008

*Departmental Review Committee Member*, Writing Across the Curriculum,  
Armstrong Atlantic State University, Spring 2008

### **Discipline Service**

Associate Editorial Positions:

1. *Frontiers in Comparative Psychology*, Spring 2015 – present

Editorial Boards:

4. *Frontiers in Cognition*, 2013-present
3. *Behavioural Processes*, Summer 2012-present
2. *Comparative Cognition & Behavior Reviews*, Spring 2012-present
1. *Frontiers in Comparative Psychology*, Fall 2010-present

Chair of Conference Sessions:

*Experimental Psychology* at Southern Society for Philosophy and  
Psychology, Spring 2012

*Spatial Cognition II* Session at Psychonomics, Fall 2010

Reader Panel, *Nature*, Fall 2010-2012.

Ad hoc Reviewer:

29. Quarterly Journal of Experimental Psychology. [5-year Impact factor: 2.22]. 2016-present
28. *Cognition*. [5-year Impact factor: 4.62]. 2016-present
27. *Memory & Cognition*. [5-year Impact Factor: 2.58]. 2015-present
26. *Journal of the Experimental Analysis of Behavior*. [5-year Impact Factor: 1.87]. 2015-present
25. *Journal of Experimental Child Psychology*. [5-year Impact Factor: 2.64]. 2014-present
24. *Frontiers in Human Neuroscience*. [5-year Impact Factor: 3.27]. 2014-present
23. *PLoS ONE*. [5-year Impact Factor: 4.02]. 2013-present
22. *Cognitive Psychology*. [5-year Impact Factor: 5.51]. 2013-present
21. *Frontiers in Cognition*. [5-year Impact Factor: 2.87]. 2013-present
20. *Open Journal of Animal Sciences*. [5-year Impact Factor: N/A]. 2013-present
19. *Behavior Research Methods*. [5-year Impact Factor: 4.99]. 2013-present
18. *Proceedings of the National Academy of Sciences (PNAS)*. [5-year Impact Factor: 10.73]. 2012-present
17. *Cognitive Science*. [5-year Impact Factor: 3.16], 2012-present
16. *Sage Open*. [5-year Impact Factor: N/A], 2012-present
15. *Environment & Behavior*. [5-year Impact Factor: 2.51]. 2012-present
14. *Current Zoology*. [Impact Factor: 1.84]. 2010-present
13. *Journal of NeuroEngineering and Rehabilitation*. [5-year Impact Factor: 3.27]. 2010-present

12. *Journal of Neuroscience Methods*. [5-year Impact Factor: 2.41]. 2010-present
11. *Learning & Behavior*. [5-year Impact Factor: 1.67]. 2010-present
10. *Journal of Experimental Biology*. [5-year Impact Factor: 3.34]. 2009-present
9. *Behavioural Brain Research*. [5-year Impact Factor: 3.63]. 2009-present
8. *Journal of Experimental Psychology: Animal Behavior Processes*. [5-year Impact Factor: 2.14]. 2009-present
7. *Journal of Experimental Psychology: Learning, Memory, & Cognition*. [5-year Impact Factor: 3.66]. 2009-present
6. *Learning and Motivation*. [5-year Impact Factor: 1.04]. 2009-present
5. *CyberPsychology & Behavior*. [5-year Impact Factor: 2.54]. 2009-present
4. *Journal of Comparative Psychology*. [5-year Impact Factor: 2.32]. 2008-present
3. *Behavioural Processes*. [5-year Impact Factor: 1.76]. 2008-present
2. *Animal Cognition*. [5-year Impact Factor: 3.05]. 2008-present
1. *Psychonomic Bulletin & Review*. [5-year Impact Factor: 3.31]. 2006-present

#### Grant Reviewer

3. National Science Foundation (NSF), Spring 2014
2. National Science Foundation (NSF), Spring 2013
1. Israel Science Foundation (ISF), Spring 2008

*Graduate Student Research Award Committee*, Comparative Cognition Society, Spring 2013-present

Comparative Cognition Society Fall Conference Program Organizing Committee, 2016-present

*Reviewer*, Proposed Research Methodology in Diverse Species book by Cambridge University Press, Summer 2016.

Graduate Theses/Dissertations

Committee Chair

6. Zebulon Bell - 2017
5. Matthew Bruster – 2016
4. Mary Neville – 2015
3. Joshua Edwards – 2015
2. Marshall Green – 2014
1. Scott Katz – 2013

Committee Member

11. Natalie Branch – 2015-2017
10. Donald Sullens – 2015-2017
9. Chelsea Scordas – 2014-2016
8. Riley Benko – 2015-2017
7. Chris Snyder – 2012-2014
6. Sam Police – 2012-2014
5. W. Grady Rose – 2011-2013
4. Martha Forloines – 2011-2012
3. Zachary Kilday – 2011-2013
2. Todd Allmond – 2011-2013
1. Christopher Blume – 2011-2013