

# ERIC L. AMAZEEN, Ph.D.

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**ADDRESS** Department of Psychology  
Arizona State University  
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## EDUCATION

1996 Ph.D., University of Connecticut  
1995 M.A., University of Connecticut  
1991 B.A. with Honors, Franklin & Marshall College

## POSITIONS HELD

2005 – present **Department of Psychology**  
**Arizona State University**  
Associate Professor

2010 – 2012 **Cognitive Science and Engineering (CSE) program**  
**Arizona State University**  
Affiliate Faculty

2001 – 2005 **Interdisciplinary Exercise Science Ph.D. Program**  
**Arizona State University**  
Assistant Professor

- 1999 – 2005      **Department of Psychology**  
**Arizona State University**  
Assistant Professor
- 1996 – 1999      **Faculty of Human Movement Sciences**  
**Vrije Universiteit, Amsterdam**  
Post-Doctoral Research Associate
- 1993              **Department of Psychology**  
**University of Connecticut**  
Lecturer
- 1991 – 1996      **Department of Psychology**  
**University of Connecticut**  
Research Assistant
- 1991 – 1993      **Department of Psychology**  
**University of Connecticut**  
Teaching Assistant

<b>AWARDS &amp; HONORS</b>
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- 1996              **Doctoral Dissertation Award**  
University of Connecticut
- 1991              **Zeaman Award for Outstanding Graduate Student**  
University of Connecticut
- 1991              **Brookshire Award for Excellence in Research**  
Franklin & Marshall College
- 1990              **Howard Hughes Summer Research Fellow**  
Franklin & Marshall College

<b>GRANTS</b>
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- 2005 – 2008      **National Science Foundation** (\$261,837)  
*Acting on Perception: Weight Perception in Context* (BCS-0518013)  
 Principal Investigator
- 2001 – 2002      **Arizona State University — Faculty Seminar Series** (\$2500)  
*Dynamics of Perception, Action, and Cognition (DPAC)*  
 Co-Recipient
- 1997              **Nederlands Wetenschappelijk Organizatie (Dutch National Science Foundation)** (approx. US\$1400)  
*Travel Grant*  
 Recipient

<b>PUBLICATIONS</b> (* DENOTES STUDENT AUTHORS)
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**JOURNAL ARTICLES**

1. Schwartz, M., Amazeen, E.L., & Turvey, M.T. (1995). Superimposition in interlimb coordination. *Human Movement Science, 14*, 681-694.
2. Amazeen, E.L., Sternad, D., & Turvey, M.T. (1996). Predicting the nonlinear shift of stable equilibria in interlimb rhythmic coordination. *Human Movement Science, 15*, 521-542.
3. Amazeen, E.L., & Turvey, M.T. (1996). Weight perception and the haptic size-weight illusion are functions of the inertia tensor. *Journal of Experimental Psychology: Human Perception & Performance, 22*, 213-232.
4. Sternad, D., Amazeen, E.L., & Turvey, M.T. (1996). Diffusive, synaptic, and synergetic coupling: An investigation through inphase and antiphase coordination. *Journal of Motor Behavior, 28*, 255-269.
5. Amazeen, E.L. (1997). The effects of volume on perceived heaviness by dynamic touch: With and without vision. *Ecological Psychology, 9*, 245-263.

6. Amazeen, E.L., Amazeen, P.G., Treffner, P.J., & Turvey, M.T. (1997). Attention and handedness in bimanual coordination dynamics. *Journal of Experimental Psychology: Human Perception & Performance*, *23*, 1552-1560.
7. Riley, M., Amazeen, E.L., Amazeen, P.G., Treffner, P.J., & Turvey, M.T. (1997). Effects of temporal scaling and attention on the asymmetrical dynamics of bimanual coordination. *Motor Control*, *1*, 263-283.
8. Amazeen, P.G., Amazeen, E.L., & Turvey, M.T. (1998). Breaking the reflectional symmetry of interlimb coordination dynamics. *Journal of Motor Behavior*, *30*, 199-216.
9. Beek, P.J., & Amazeen, E.L. (1998). On the implications of Bernstein's analysis of dexterity for motor control. *Contemporary Psychology*, *43*, 345-346.
10. Turvey, M.T., Burton, G., Amazeen, E.L., Butwill, M., & Carello, C. (1998). Perceiving the width and height of a hand-held object by dynamic touch. *Journal of Experimental Psychology: Human Perception & Performance*, *24*, 35-48.
11. Amazeen, E.L. (1999). Perceptual independence of size and weight by dynamic touch. *Journal of Experimental Psychology: Human Perception & Performance*, *25*, 102-119.
12. Amazeen, E.L., Amazeen, P.G., Post, A.A., & Beek, P.J. (1999). Timing the selection of information during rhythmic catching. *Journal of Motor Behavior*, *31*, 279-289.
13. Amazeen, E.L., Amazeen, P.G., & Beek, P.J. (2001). Eye movements and the selection of optical information for catching. *Ecological Psychology*, *13*, 71-85.
14. Amazeen, P.G., Amazeen, E.L., & Beek, P.J. (2001). Coupling breathing and movement during manual wheelchair propulsion. *Journal of Experimental Psychology: Human Perception & Performance*, *27*, 1243-1259.
15. Kloos\*, H., & Amazeen, E.L. (2002). Perceiving heaviness by dynamic touch: An investigation of the size-weight illusion in preschoolers. *British Journal of Developmental Psychology*, *20*, 171-183.
16. Amazeen, E.L., & Jarrett\*, W. (2003). Role of rotational inertia in the haptic and haptic + visual size-weight illusions. *Ecological Psychology*, *15*, 317-333.
17. Oberle\*, C.D., & Amazeen, E.L. (2003). Independence and separability of mass and volume in the size-weight illusion. *Perception & Psychophysics*, *65*, 831-843.

18. Amazeen, P.G., Amazeen, E.L., & Turvey, M.T. (2004). Symmetry and the devil. *Journal of Motor Behavior*, *36*, 371-372.
19. Amazeen, E.L., & Van Orden, G.C. (2004). Specificity in the global array is only one possibility. *Behavioral and Brain Sciences*, *27*, 887-888.
20. Naylor\*, Y., & Amazeen, E.L. (2004). The size-weight illusion in team lifting. *Human Factors*, *46*, 349-356.
21. Amazeen, E.L., & DaSilva\*, F. (2005). Psychophysical test for the independence of perception and action. *Journal of Experimental Psychology: Human Perception and Performance*, *31*, 170 – 182.
22. Amazeen, E.L., Ringenbach, S.D., & Amazeen, P.G. (2005). The effects of attention and handedness on coordination dynamics in a bimanual Fitt's law task. *Experimental Brain Research*, *164*, 484-499.
23. Glazebrook\*, C.M., Dhillon\*, V.P., Keetch\*, K.M., Lyons, J., Amazeen, E.L., Weeks, D.J., & Elliott, D. (2005). Perception-action and the Muller-Lyer illusion: Amplitude or endpoint bias? *Experimental Brain Research*, *160*, 71-78.
24. Kloos\*, H., & Amazeen, E.L. (2005). Building blocks of physical knowledge: Can children learn how two dimensions are correlated? *Advances in Psychology Research*, *38*, 79-91.
25. Carello, C., Kinsella-Shaw, J., Amazeen, E.L., & Turvey, M.T. (2006). Peripheral neuropathy and object length perception by effortful (dynamic) touch: A case study. *Neuroscience Letters*, *405*, 159-163.
26. Amazeen, E.L., DaSilva\*, F., & Amazeen, P.G. (2008). Visual-spatial and anatomical constraints interact in a bimanual coordination task with transformed visual feedback. *Experimental Brain Research*, *191*, 13-24.
27. Valdez\*, A.B., & Amazeen, E.L., (2008). Sensory and perceptual interactions in weight perception. *Perception & Psychophysics*, *70*, 647-657.
28. Valdez\*, A.B., & Amazeen, E.L., (2008). Using 1/f noise to examine planning and control in a discrete aiming task. *Experimental Brain Research*, *187*, 303-319.
29. Valdez\*, A.B., & Amazeen, E.L., (2009). Target dimension affects 1/F noise in aiming. *Nonlinear Dynamics, Psychology, and Life Sciences*, *13*, 369-392.

30. Valdez\*, A.B., & Amazeen, E.L., (2010). Motor imagery may incorporate trial-to-trial error. *Journal of Motor Behavior*, *42*, 241-256.
31. Amazeen, E.L., Tseng\*, P.H., Valdez\*, A.B., & Vera\*, D. (2011). Perceived heaviness is influenced by the style of lifting. *Ecological Psychology*, *23*, 1-18.
32. Fine\*, J., & Amazeen, E.L., (2011). Interpersonal Fitts' Law: When Two Perform as One. *Experimental Brain Research*, *211*, 459-469.
33. Fine\*, J.M., Gibbons\*, C.T., & Amazeen, E.L., (2013). Congruency effects in interpersonal coordination. *Journal of Experimental Psychology: Human Perception & Performance*, *39*, 1541-1556.
34. Amazeen, E.L. (2014). Box shape influences the size-weight illusion during individual and team lifting. *Human Factors*, *56*, 581-591.
35. Fine\*, J.M., Ward\*, K.L., & Amazeen, E.L. (2014). Manual coordination with intermittent targets: Velocity information for prospective control. *Acta Psychologica*, *149*, 24-31.
36. Fine\*, J.M., & Amazeen, E.L. (2014). Stabilizing perceptual-motor asymmetries during social coordination. *Human Movement Science*, 91-108.
37. Chen\*, C-C, Ringenbach, S.D.R., Crews, D., Kulinna, P., & Amazeen, E.L. (2015). The association between a single bout of moderate physical activity and executive function in young adults with Down syndrome: A preliminary study. *Journal of Intellectual Disability Research*, *59*, 589-598. doi: 10.1111/jir.12163.
38. Fine\*, J.M., Likens\*, A.D., Amazeen, E.L., & Amazeen, P.G. (2015). Emergent complexity matching in interpersonal coordination: Local dynamics and global variability. *Journal of Experimental Psychology: Human Perception & Performance*, *41*, 723-737.
39. Stylianou\*, M., Kulinna, P.H., van der Mars, H., Adams, M., Mahar, M., & Amazeen, E.L. (2015). Before-school running/walking club : Effects on elementary students' physical activity. *Research Quarterly for Exercise and Sport*, *86*, A87-A88.
40. Likens\*, A.D., Fine\*, J.M., Amazeen, E.L., & Amazeen, P.G. (in press). What is not fractal? *Experimental Brain Research*.

41. Waddell\*, M.L., Fine\*, J.M., Likens\*, A., Amazeen, E.L., & Amazeen, P.G. (in press). Perceived heaviness in the context of Newton's 2<sup>nd</sup> law: Combined effects of muscle activity and lifting kinematics. *Journal of Experimental Psychology: Human Perception & Performance*.
42. Stylianou\*, M., Kulina, P.H., van der Mars, H., Adams, M., Mahar, M., & Amazeen, E. (under review). Before-school running/walking club: Effects on student physical activity levels. *Journal of Physical Activity and Health*.
43. Stylianou\*, M., Kulina, P.H., van der Mars, H., Mahar, M., Adams, M., & Amazeen, E. (under review). Before-school running/walking club: Effects on student on-task behavior. *Preventive Medicine*.

#### CHAPTERS IN EDITED VOLUMES

44. Amazeen, E.L. (1995). Experimental control of the nonlinear drift of coordination equilibria. In B.G. Bardy, R.J. Bootsma & Y. Guiard (Eds.), *Studies in perception and action, III*. Hillsdale, NJ: Lawrence Erlbaum Associates. pp. 33-36.
45. Amazeen, E.L. (1995). The size-weight illusion. In B.G. Bardy, R.J. Bootsma & Y. Guiard (Eds.), *Studies in perception and action, III*. Hillsdale, NJ: Lawrence Erlbaum Associates. pp. 407-410.
46. Amazeen, E.L. (1997). Effects of volume on perceived heaviness. In M. A. Schmuckler & J. M. Kennedy (Eds.), *Studies in perception and action, IV*. Hillsdale, NJ: Lawrence Erlbaum Associates. pp. 123-126.
47. Burke, M.M., & Amazeen, E.L. (1997). Object visibility and the inertia tensor as factors in the size-weight illusion. In M. A. Schmuckler & J. M. Kennedy (Eds.), *Studies in perception and action, IV*. Hillsdale, NJ: Lawrence Erlbaum Associates. pp. 249-252.
48. Amazeen, E.L., Amazeen, P.G., Post, A.A., & Beek, P.J. (1998). Timing the selection of visual information in rhythmic throwing. In B. Bril, A. Ledebt, G. Dietrich, & A. Roby-Brami (Eds.), *Advances in perception-action coupling*. pp. 85-89.
49. Amazeen, P.G., Amazeen, E.L., & Beek, P.J. (1998). The effect of experience on locomotor-respiratory coupling during wheelchair propulsion. In B. Bril, A. Ledebt, G. Dietrich, & A. Roby-Brami (Eds.), *Advances in perception-action coupling*. pp. 123-127.

50. Amazeen, P.G., Amazeen, E.L., & Turvey, M.T. (1998). Dynamics of human intersegmental coordination: Theory and research. In D. A. Rosenbaum & C. E. Collyer (Eds.), *Timing of behavior: Neural, computational, and psychological perspectives* (pp. 237-259). Cambridge, MA: MIT Press.
51. Amazeen, P.G., Amazeen, E.L., & Beek, P.J. (1999). Locomotor-respiratory coupling during manual wheelchair propulsion. In L.H.V. van der Woude, M.T.E. Hopman, & C.H. van Kemenade (Eds.), *Biomedical aspects of manual wheelchair propulsion: State of the art II* (pp. 202-207). Amsterdam: IOS Press.
52. Kloos\*, H., & Amazeen, E.L. (2001). The size-weight illusion in preschoolers. In G.A. Burton & R.C. Schmidt (Eds.), *Studies in perception and action VI* (pp. 41-44). Mahwah, NJ: Lawrence Erlbaum Associates.
53. Ringenbach, S.D., Amazeen, P.G., & Amazeen, E.L. (2003). Frequency and amplitude are inversely related in circle drawing. In S. Rogers & J. Effken (Eds.), *Studies in perception and action VII* (pp. 41-44). Mahwah, NJ: Lawrence Erlbaum Associates.
54. Carello, C., Kinsella-Shaw, J., & Amazeen, E. (2005). Peripheral neuropathy and length perception by dynamic touch. In H. Heft & K.L. Marsh (Eds.), *Studies in perception and action VIII* (pp. 91-94). Mahwah, NJ: Lawrence Erlbaum Associates.
55. Waddell, M.L., Fine, J.M., Likens, A., Amazeen, E.L., & Amazeen, P.G. (2015). Muscle activity and lifting kinematics combine in the perception of weight by dynamic touch. *Studies in Perception & Action XVIII*. Taylor & Francis Group, LLC.

#### **REFEREED ABSTRACTS**

56. Owens, D.A., Amazeen, E.L., & Engstrom, R. (1992). Night myopia affects the contrast sensitivity function. *Investigative Ophthalmology and Visual Science (suppl.)*, 33, 1147.
57. Amazeen, E.L., Amazeen, P.G., Post, A.A., & Beek, P.J. (1998). Timing the selection of visual information for catching. *Journal of Sport & Exercise Psychology (suppl.)*, 20, 35.
58. Amazeen, P.G., Amazeen, E.L., & Beek, P.J. (1998). Locomotor-respiratory coupling in wheelchair propulsion. *Journal of Sport & Exercise Psychology (suppl.)*, 20, 40.
59. Amazeen, E.L., Amazeen, P.G., & Beek, P.J. (2000). Eye movements and the selection of visual information for catching. *Journal of Sport and Exercise Psychology*, 22, S14.



60. Amazeen, E.L. (2002). Independent perceptions for visual awareness and the control of action. *Journal of Sport and Exercise Psychology*, 24, S25.
61. DaSilva\*, F. & Amazeen, E.L. (2004). Perceptual and motor dynamics interact in bimanual coordination. *Journal of Sport and Exercise Psychology*, 26, S62.
62. DaSilva\*, F., Wechsler, N.E., McBeath, M., Sugar, T., Amazeen, E., Presson, C., & Koeneman, J. (2006). Improvements in upper-extremity motor-function in hemiparetics using robot-assisted repetitive motion therapy with video games. *Journal of Vision*, 6, 76a.
63. Amazeen, E.L., Tseng\*, P.H., Valdez\*, A.B., & Vera\*, D. (2007). Effects of lifting on the perception of weight. *Journal of Sport and Exercise Psychology*, 29, S50-S51.
64. Valdez\*, A.B., & Amazeen, E.L. (2008). Using 1/f noise to examine planning and control in a discrete aiming task. *Journal of Sport and Exercise Psychology*, 30, S136.

#### DISSERTATION

Amazeen, E.L. (1996). Are independent perceptions of weight and size possible by dynamic touch? *Doctoral Dissertation in Experimental Psychology, University of Connecticut.*

<b>PRESENTATIONS (*DENOTES STUDENT AUTHORS)</b>
---

#### INVITED ADDRESSES

Amazeen, E.L. (1996, February). *Dynamics and the muscle-sense: New methods, old problems.* Paper presented at the psychology department colloquium, Franklin and Marshall College, Lancaster, PA.

Amazeen, E.L. (1996, November). *Are independent perceptions of size and weight possible by dynamic touch?* Paper presented to the Faculteit der Bewegingswetenschappen, Vrije Universiteit, Amsterdam, The Netherlands.

Amazeen, E.L. (1999, January). *Perception-action cycles in weight perception and catching.* Paper presented to the Department of Developmental and Experimental Clinical Psychology, Rijksuniversiteit Groningen, The Netherlands.

Amazeen, E.L. (1999, November). *Attention as coordination dynamics*. Paper presented to the Department of Exercise Science and Physical Education, Arizona State University, Tempe, AZ.

Amazeen, E.L. (2003, June). *Ecology of Perception*. Paper presented at the Applied Complexity Lecture Series, Santa Fe Institute, Santa Fe, NM.

Amazeen, E.L. (2003, November). *Acting on Perception: The Size-Weight Illusion in Context*. Paper presented to the Department of Applied Psychology, Arizona State University, East Campus, Mesa, AZ.

Amazeen, E.L., & Valdez\*, A.B. (2007, October). *Contemporary techniques reveal multiple processes in movement*. Paper presented at the Applied Complexity Lecture Series, Santa Fe Institute, Santa Fe, NM.

Amazeen, E.L. (2008, June). *Moving to Perceive*. Paper presented at the Natural-Physical Perspective on Perception-Action-Cognition meeting, Storrs, CT.

#### **CHAired SYMPOSIA**

Bingham, G.P., & Amazeen, E.L. (1997, August). *Finding reality: Is it virtually assured?* Symposium conducted at the Ninth International Conference on Perception and Action, Toronto, Canada.

#### **CONFERENCE PAPERS**

Amazeen, E.L. (1997, August). *Haptic perceptions of size and weight are independent*. Paper presented at the Ninth International Conference on Perception and Action, Toronto, Canada.

Carello, C., & Amazeen, E.L. (1997, August). *Is cutaneous touch necessary to perceive length by dynamic touch?* Paper presented at the Ninth International Conference on Perception and Action, Toronto, Canada.

Amazeen, E.L., Amazeen, P.G., Post, A.A., & Beek, P.J. (1998, June). *Timing the selection of visual information for catching*. Paper presented at the International Conference of the North American Society for the Psychology of Sport and Physical Activity, St. Charles, IL.

Amazeen, E.L., Amazeen, P.G., Post, A.A., & Beek, P.J. (1998, July). *Timing the selection of visual information in rhythmic throwing*. Paper presented at the Fifth European Workshop on Ecological Psychology, Pont-a-Mousson, France.

Amazeen, P.G., Amazeen, E.L., & Beek, P.J. (1998, July). *The effect of experience on locomotor-respiratory coupling during wheelchair locomotion*. Paper presented at the Fifth European Workshop on Ecological Psychology, Pont-a-Mousson, France.

Amazeen, P.G., Amazeen, E.L., & Beek, P.J. (1998, June). *Locomotor-respiratory coupling in wheelchair propulsion*. Paper presented at the International Conference of the North American Society for the Psychology of Sport and Physical Activity, St. Charles, IL.

Amazeen, P.G., Amazeen, E.L., & Beek, P.J. (1998, December). *Locomotor-respiratory coupling during manual wheelchair propulsion*. Paper presented at the Second International Workshop on the Biomedical Aspects of Manual Wheelchair Propulsion: The State of the Art, Amsterdam, The Netherlands.

Amazeen, E.L., Amazeen, P.G., Post, A.A., & Beek, P.J. (1999, January). *Information, eye movements, and the direction of attention in a throwing and catching task*. Paper presented at the 1999 meeting of the Instituut voor Fundamentele en Klinische Bewegingswetenschappen [Institute for Fundamental and Clinical Human Movement Sciences], Nijmegen, The Netherlands.

Amazeen, P. G., Amazeen, E. L., & Beek, P. J. (1999, May). *Patterns of locomotor-respiratory coupling during manual wheelchair propulsion*. Paper presented at the Workshop on the Effects of Rehabilitation-Physiotherapy, Instituut voor Fundamentele en Klinische Bewegingswetenschappen [Institute for Fundamental and Clinical Human Movement Sciences], Vrije Universiteit Hospital, Amsterdam, The Netherlands.

Amazeen, E.L., Amazeen, P.G., & Beek, P.J. (2000, June). *Eye movements and the selection of visual information for catching*. Paper presented at the International Conference of the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.

Amazeen, E.L. (2002, June). *Vision for perception and action are independent*. Paper presented at the International Conference of the North American Society for the Psychology of Sport and Physical Activity, Baltimore, MD.

Glazebrook\*, C.M., Dhillon\*, V.P., Keetch\*, K.M., Lyons, J., Amazeen, E.L., Weeks, D.J., & Elliott, D. (2003, October). *Manual aiming and the Muller-Lyer illusion: Amplitude or endpoint bias?* Paper presented at the Canadian Society for Psychomotor Learning and Sport Psychology Conference, Hamilton, Ontario.

Valdez\*, A.B., & Amazeen, E.L., (2008, March). *1/F noise and movement constraints in the planning and control of aiming.* Paper presented at the 3<sup>rd</sup> International Nonlinear Sciences Conference, Tokyo, Japan.

Valdez\*, A.B., & Amazeen, E.L., (2008, June). *Using 1/F noise to examine planning and control in a discrete aiming task.* Paper presented at the International Conference of the North American Society for the Psychology of Sport and Physical Activity, Niagara Falls, ON.

Stylianou, M., Kulina, P.H., van der Mars, H., Adams, M., Mahar, M., & Amazeen, E. (2015, March). *Before-school running/walking club: Effects on elementary students' physical activity.* Paper presented at the 2015 SHAPE America Convention.

## CONFERENCE POSTERS

Amazeen, E.L. (1992, October). *Weight perception and the size-weight illusion.* Poster presented at the North American Meeting of the International Society for Ecological Psychology.

Morris, A.W., Amazeen, E.L., Shaw, R.E., & Turvey, M.T. (1992, October). *Preliminary investigations into the dynamical properties of the mueller-lyer illusion.* Poster presented at the North American Meeting of the International Society for Ecological Psychology.

Amazeen, E.L., Carello, C., & Dynder, A. (1996, April). *Peripheral neuropathy and perceiving length by dynamic touch.* Poster presented at the North American Meeting of the International Society for Ecological Psychology.

Riley, M.A., Amazeen, E.L., Amazeen, P.G., Treffner, P.J., & Turvey, M.T. (1996, April). *The asymmetries of handedness and attention.* Poster presented at the North American Meeting of the International Society for Ecological Psychology.

Amazeen, P.G., Amazeen, E.L., & Turvey, M.T. (1996, August). *Breaking the reflectional symmetry of interlimb coordination dynamics.* Poster presented at the

International Conference on Bernstein's Traditions in Motor Control, Pennsylvania State University.

Riley, M.A., Amazeen, E.L., Amazeen, P.G., Treffner, P.J., & Turvey, M.T. (1996, August). *Handedness and attentional asymmetries in coordination*. Poster presented at the International Conference on Bernstein's Traditions in Motor Control, Pennsylvania State University.

Amazeen, E.L., Amazeen, P.G., Post, A.A., & Beek, P.J. (1997, August). *Perception-action coupling in rhythmic throwing and catching*. Poster presented at the Ninth International Conference on Perception and Action, Toronto.

Amazeen, E.L., Amazeen, P.G., Post, A.A., & Beek, P.J. (1998, September). *Timing the selection of information during rhythmic catching*. Poster presented at the 1998 meeting of the Nijmeegs Instituut voor Cognitie en Informatie (NICI++) [Nijmegen Institute for Cognition and Information], Nijmegen, The Netherlands.

Kloos\*, H., & Amazeen, E.L. (2001, June). *The size-weight illusion in preschoolers*. Poster presented at the Eleventh International Conference on Perception and Action, Storrs, CT.

Oberle\*, C.D. & Amazeen, E.L. (2002, May). *Independence and separability of volume and mass in the size-weight illusion*. Poster presented at the Vision Sciences Society, Sarasota, FL.

Ringenbach, S.D., Amazeen, P.G., & Amazeen, E.L. (2003, June). *Frequency and amplitude are inversely related in circle drawing*. Poster presented at the Twelfth International Conference on Perception and Action, Queensland, Australia.

DaSilva\*, F. & Amazeen, E.L. (2004, June). *Perceptual and motor dynamics interact in bimanual coordination*. Poster presented at the International Conference of the North American Society for the Psychology of Sport and Physical Activity, Vancouver, CA.

Carello, C., Kinsella-Shaw, J., & Amazeen, E. (2005, July). *Peripheral neuropathy and length perception by dynamic touch*. Poster presented at the Thirteenth International Conference on Perception and Action, Monterey, CA.

DaSilva\*, F., Wechsler, N.E., McBeath, M., Sugar, T., Amazeen, E.L., Presson, C., & Koeneman, J. (2006, May). *Improvement in upper-extremity motor function in hemiparetics using robot-assisted repetitive motion therapy with video games*. Poster to be

presented at the Vision Sciences Society. Poster presented at the Vision Sciences Society, Sarasota, FL.

Amazeen, E.L., Tseng\*, P.H., Valdez\*, A.B., & Vera\*, D. (2007, June). Effects of lifting on the perception of weight. Poster presented at the International Conference of the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.

Waddell, M.L., Fine, J.M., Likens, A., Amazeen, E.L., & Amazeen, P.G. (2015, July). Muscle activity and lifting kinematics combine in the perception of weight by dynamic touch. Poster presented at the International Conference on Perception and Action XVIII.

## TEACHING ACTIVITY

### UNDERGRADUATE COURSES

Introduction to Psychology (PSY 101)  
Introduction to Psychology (PSY 101), Honors Section  
Introduction to Psychology, General Laboratory  
Introduction to Psychology, Honors Laboratory  
Perception and Action (PSY 498)  
Sensation and Perception (PSY 323)  
Sensation and Perception, Laboratory

### GRADUATE COURSES

Motor Control (PSY 591)  
Perception and Action (PSY 591 & KIN 591)

### Ph.D. DISSERTATION COMMITTEES

C. Chen, Kinesiology, Arizona State University  
H. Ball, Psychology, Arizona State University  
J. Fine, Psychology, Arizona State University (Chair)  
T. Flink, Kinesiology, Arizona State University  
J. Holden, Psychology, Arizona State University  
H. Kloos, Psychology, Arizona State University  
D. Lantero, Kinesiology, Arizona State University

M. Moreno, Psychology, Arizona State University  
H. de Poel, Faculty of Human Movement Sciences, Vrije Universiteit, Amsterdam  
T. Soliman, Psychology, Arizona State University  
M. Stylianou, Physical Education, Arizona State University  
A. Valdez, Psychology, Arizona State University (Chair)

**COMPREHENSIVE EXAMINATION COMMITTEES**

H. Ball, Psychology, Arizona State University  
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J. Fine, Psychology, Arizona State University (Chair)  
T. Flink, Kinesiology, Arizona State University  
E. Hessler, Psychology, Arizona State University  
D. Lantero, Kinesiology, Arizona State University  
A. Likens, Psychology, Arizona State University  
E. Marsh, Psychology, Arizona State University  
K. Patten, Psychology, Arizona State University  
T. Soliman, Psychology, Arizona State University  
M. Stylianou, Physical Education, Arizona State University  
A. Valdez, Psychology, Arizona State University (Chair)  
J. Vosmik, Psychology, Arizona State University

**M.A. THESIS COMMITTEES**

F. DaSilva, Psychology, Arizona State University  
I. Dolgov, Psychology, Arizona State University  
J. Fine, Psychology, Arizona State University (Chair)  
E. Hessler, Psychology, Arizona State University  
M. Jung, Kinesiology, Arizona State University  
G. Mulvey, Psychology, Arizona State University  
C. Oberle, Psychology, Arizona State University (Chair)  
K. Patten, Psychology, Arizona State University  
K. Talboom, Psychology, Arizona State University  
A. Valdez, Psychology, Arizona State University (Chair)  
J. Vosmik, Psychology, Arizona State University  
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