BRIANNA DONALDSON

EDUCATION

2008	Ph.D., Cognitive Psychology, Indiana University
2002	B.A., Linguistics, Rice University, *summa cum laude*

PROFESSIONAL APPOINTMENTS

2008-	Director of Special Workshops, American Institute of Mathematics
1999-2008	Grants Consultant, American Institute of Mathematics
2007	Teaching Assistant, Psychological & Brain Sciences, Indiana University
2006	Research Assistant, Psychological & Brain Sciences, Indiana University
2006	Graduate Writing Tutor, Writing Tutorial Services, Indiana University
2004	Associate Instructor, Psychological & Brain Sciences, Indiana University

HONORS & AWARDS

2007-2008	Dissertation-Year Fellowship, College of Arts & Sciences, Indiana University
2006	J. R. Kantor Outstanding Psychology Graduate Student Award
2002-2007	National Science Foundation Graduate Research Fellowship
2002-2007	Indiana University Chancellor's Fellowship
2002	Linguistics Outstanding Senior Award, Rice University
2002	Phi Beta Kappa

PUBLICATIONS

2009. Math Teachers' Circles bring problem solving to middle school teachers. *Association for Women in Mathematics Newsletter, 39*(3), 27-29.

2009, with B. Conrey & T. Shubin. Math Teachers' Circles connect mathematicians with middle school teachers. *MAA FOCUS, April/May 2009,* 4-5.

2009, with J. M. Gold. Pattern recognition in correlated and uncorrelated noise. *Journal of the Optical Society of America A, 26*(11), B94-B109.

2008. *Efficiency of visual pattern recognition in correlated noise.* Unpublished doctoral dissertation, Indiana University.

2006, with J. M. Gold. An ideal observer analysis of variability in visual-only speech. *Vision Research, 46*(19), 3243-3258.

2006, with D. B. Pisoni. Some relations between auditory-visual synchrony detection and speech perception. *Journal of the Acoustical Society of America, 119*(6), 4065-4073.

2005, with C. G. Clopper & D. B. Pisoni. Effects of talker gender on dialect categorization. *Journal of Language and Social Psychology, 24*(2), 182-206.

2005, with N. A. Niedzielski & G. F. Potts. Effects of dialect on merger perception: ERP and behavioral correlates. *Brain and Language, 95*(3), 435-449.

PRESENTATIONS

2012, with T. Shubin. *Math Teachers' Circle Network: Help for Teachers' Circles.* Poster presented at the SIGMAA on Math Circles for Students and Teachers Poster and Activity Sessions, Joint Mathematics Meetings, Boston, MA.

2011, with D. White. *How do Math Teachers' Circles affect teachers? Themes from teacher surveys.* Paper presented at the MAA Session on Fostering, Supporting, and Propagating Math Circles for Students and Teachers, I, Joint Mathematics Meetings, New Orleans, LA.

2010, with Conrey, B., Covington, J., Hodge, A., Rodin, A., & Shubin, T. *Teachers' circle network: Robust and growing.* Invited panel discussion at the Legacy of R.L. Moore Conference, Austin, TX.

2007, with J. M. Gold & A. Eidels. *A technique for measuring single-item identification efficiencies.* Poster presented at the Seventh Annual Meeting of the Vision Sciences Society, Sarasota, Florida.

2005, with J. M. Gold. *An ideal observer analysis of variability in visual-only speech*. Poster presented at the Fifth Annual Meeting of the Vision Sciences Society, Sarasota, Florida.

2004, with D. B. Pisoni. *Auditory-visual synchrony and speech perception*. Poster presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, Minnesota.

2003, with D. B. Pisoni. Audiovisual asynchrony detection for speech and nonspeech signals. *Proceedings of the 2003 Auditory-Visual Speech Processing Workshop,* 25-30. Talk given at the AVSP conference in St. Jorioz, France.

2001. *Effects of dialect on merger perception*. Poster presented at New Ways of Analyzing Variation (NWAV) 30, North Carolina State University, Raleigh, North Carolina.

SYNERGISTIC ACTIVITIES

Program manager for the Math Teachers' Circle Program of the American Institute of Mathematics (2008-Present). Organized, helped run, and conducted internal evaluation for eight "How to Run a Math Teachers' Circle" workshops for teams from around the country. Communicate with Math Teachers' Circle groups in order to assist them with local fundraising and recruitment efforts. Manage the Math Teachers' Circle Network website, create planning resources for leadership teams, and chair the Math Teachers' Circle Network Advisory Board. Collaborate with mathematics education researchers to study the impact of the program. Project manager for NSF EHR DRL's Discovery Research K-12 program award no. 1119342 to the

American Institute of Mathematics ($449,981), which provides funding for research and evaluation of the Math Teachers' Circle program.

Project manager for the American Institute of Mathematics's contributions to GEMSTONES, a project to document and disseminate best practices in the recruitment and retention of U.S. graduate students, especially those from underrepresented groups (2008-2009). Communicated with Advisory Board to gather project resources and ideas. Organized and participated in two site visits in Spring 2009 to assist departments with the implementation of graduate program reform.

Assisted with planning and running a workshop on "Finding and Keeping Graduate Students in the Mathematical Sciences" for seven graduate departments in Summer 2009; additional such workshops are planned for the future.

Work with other AIM staff to advertise, coordinate, and follow up on other special workshops such as Research Experiences for Undergraduate Faculty (REUF), aimed at faculty at primarily undergraduate institutions who want to begin doing research with undergraduate students, and Careers in Academia, aimed at postdocs making the transition to tenure-track academic employment.

COLLABORATORS AND OTHER AFFILIATIONS

Thesis Advisor: Jason M. Gold, Indiana University.

Other Collaborators: Cynthia G. Clopper, Ohio State University; J. Brian Conrey, American Institute of Mathematics; Angie Hodge, University of Nebraska at Omaha; Thomas W. James, Indiana University; Nancy A. Niedzielski, Rice University; David B. Pisoni, Indiana University; Geoffrey F. Potts, University of South Florida; Tatiana Shubin, San Jose State University; Diana White, University of Colorado Denver.