
Cathleen Rodda, BA, BS
916 ½ N 10th St. Lafayette, IN, 47904, USA
Phone: 1-765-337-3087; E-mail: crodda43@hotmail.com

Academic Qualifications

1. BS. Purdue University, (2006-2009). Animal Sciences – Behavior and Welfare. GPA 3.18.
2. BA. Purdue University, (2000-2004). Psychology. GPA 3.68.

Employment

1. January 2010 – Present: Research Assistant in Animal Sciences, Purdue University, West Lafayette, IN. Primary responsibilities include: website development, synthesizing literature relating to mouse behavior, video analysis, and collecting, managing, and entering behavioral data.
2. January 2009 – December 2009: 50% FTE Research Assistant in Animal Sciences, Purdue University, West Lafayette, IN. Primary responsibilities as above.
3. March – November, 2008: Adolescent Care Worker at Cary Home for Children, Lafayette, IN. Primary responsibilities included: monitoring and assessing behavior; utilizing behavior modification techniques; supervising and ensuring residents completed unit expectations; paperwork; maintaining charts; and distributing medications.
4. September, 2006 - March, 2008: Kennel Worker at Pets and Vets as Partners, West Lafayette, IN. Primary responsibilities included: caring for boarded animals by providing basic needs, medication, and attention; monitoring and charting daily habits; assisting clinical staff with administering injections and IVs, collecting fecal samples, and restraining animals; and assisting with rehabilitation and physical therapy.
5. January, 2005 – August, 2006: Child and Adolescent Case Manager at Wabash Valley Hospital (now known as River Bend Hospital), West Lafayette, IN. Primary responsibilities included: coordinating wrap-around treatment for youth with serious emotional disturbances; monitoring and assessing behavior; charting; utilizing behavioral modification techniques; providing families with crisis intervention and information on community resources; facilitating family meetings; serving as an advocate at case conferences, education conferences, and court hearings; completing continuing education and training; and working on-call and flexible hours.

Additional Research Experience for Course Credit

1. May 2008-December 2008: Research Assistant in Animal Science, Purdue University. I worked on projects investigating temperature and nesting material preference in laboratory mice.
2. August – December 2003: Research Assistant in Social Psychology, Purdue University. I worked on a project investigating how nonverbal behaviors within an intergroup interaction are influenced by lessening the implicit associations between negative emotions and out-group members.
3. January – May 2004: Research Assistant in Cognitive Psychology, Purdue University. I worked on a project comparing the recall of long and short words in pure and mixed lists.

4. May – December 2004: Research Assistant in Developmental Psychology, Purdue University. I worked on a project examining language acquisition in infants and assisted in infant cognition and speech laboratories.

Honors and Awards

1. Purdue University Summer Undergraduate Research Fellowship (SURF), 2009.
2. Dean's List: Spring 01-Spring 04.
3. Semester Honors: Fall 00-Spring 04.

Grant Awards

1. Rodda, C. "A Unified, Living Informatics Resource for Mouse Behavior." Purdue University Summer Undergraduate Research Fellowship. May – August 2009. \$3,600
2. Rodda, C., Gaskill, B., & Garner, J. "Nesting Material Baling and Dispensing System for Mouse Environmental Enrichment." Submitted.

Outreach & Extension Publications

1. www.mousebehavior.org – Most behaviors take place in a mouse's home cage, yet traditional neuroscience has overlooked this rich source of information. In part this is because off-the shelf protocols for homecage observation have not been published, and there is no uniform ethogram for laboratory mouse behavior. The creation of the first interactive laboratory mouse ethogram establishes a common behavioral language and standard protocols for home-cage mouse behavior, and hopefully will improve the validity and replicability of mouse behavioral studies. The wiki is currently 141 pages, detailing 101 behaviors with 85 video and image examples. The ethogram was developed by creating a list of species specific behaviors based on a literature review and experimental observations.

Publications in Preparation

1. Rodda, C., Gaskill, B.N., & Garner, J.P. "A Unified, Living Informatics Resource for Mouse Behavior."
2. Gaskill, B.N., Rodda, C. & Garner, J.P. "Shopping for Parts vs. Final Construction: Fine Grained Nest Building Behavior in Mice."

Abstracts

1. Gaskill, B.N., Rodda, C. & Garner, J.P. (2009). "Shopping for Parts vs. Final Construction: Fine Grained Nest Building Behavior in Mice." International Behavioral Neuroscience Society 18th Annual Meeting, Manzanillo, Mexico.
2. Rodda, C. (2009). "A Unified, Living Informatics Resource for Mouse Behavior." Purdue University Summer Undergraduate Research Fellowship, West Lafayette, Indiana.
3. Engler, S.E., Gaskill, B.N., Rodda, C., Garner, J.P. (2010). "Rome wasn't built in a day: A comparison of the ability to process nesting material and the quality of nests between different mice strains." Purdue University Undergraduate Research and Poster Symposium, West Lafayette, Indiana.

Presentations

1. Purdue University Summer Undergraduate Research Fellowship: Research Poster Symposium. August, 2009. West Lafayette, Indiana.

Membership in Academic and Scholarly Societies

1. Golden Key International Honour Society
2. The National Society of Collegiate Scholars
3. Psi Chi: The National Honor Society in Psychology

Technical Skills

1. Animal Science – mouse/rat handling and blood collection, behavioral observation, digital video analysis, video processing, online scholarly journal search queries, data entry, digital video system setup using standard and infrared video equipment, and training undergraduate research assistants.
2. Psychology – preparing and debriefing participants, behavioral observation and analysis, and data collection, coding, and entry.
3. Computer – Microsoft Access, Excel, Movie Maker, SharePoint, and Word; Adobe Acrobat and Photoshop; Virtual Dub 1.8.8; Bink Video.
4. Case Management – charting, behavioral modification, mental status examinations, treatment planning, medication management, medical billing, Therapeutic Crisis Intervention (TCI) training and certification, HIPPA training and certification, Indiana Systems of Care (SOC) training and certification.
5. Veterinary – rehabilitation and physical therapy, behavioral monitoring, charting, medication distribution, and blood collection.