

Mika Lorien Morgan MacInnis
Department of Psychology
Brown University
Providence, RI 02906
401 863 6272
Email: mika_macinnis@brown.edu

EDUCATION

May 2007 Ph.D., Psychology, Brown University, Providence, RI
May 2004 M.Sc., Psychology, Brown University, Providence, RI
May 2002 B.A., Honors in Psychology, Brown University, Providence, RI

PROFESSIONAL APPOINTMENTS

2007 – present Dean of Pembroke College Visiting Professor of Psychology, Department of Psychology, Brown University
2000 – 2007 Research Assistant, Laboratory of Russell M. Church, Department of Psychology, Brown University
Summer 2000 Research Assistant, Beijing Aquarium, Beijing, China

TEACHING EXPERIENCE

Spring 2005 Teaching Assistant to Jack Wright, Quantitative Methods in Psychology, Brown University
Fall 2004 Teaching Assistant to Brian Hayden, Abnormal Psychology, Brown University
Spring 2004 Teaching Assistant to Russell Church, Psychological Theories, Brown University
Fall 2003 Teaching Assistant to Leslie Welch and Jack Wright, Introduction to Psychology, Brown University
Spring 2002 Teaching Assistant to Brian Hayden, Personality, Brown University
Fall 2001 Teaching Assistant to Brian Hayden, Abnormal Psychology, Brown University
Spring 2001 Teaching Assistant to Bryan Shepp, Introduction to Psychology, Brown University
Fall 2000 Teaching Assistant to Bryan Shepp, Introduction to Psychology, Brown University

AWARDS AND PROFESSIONAL MEMBERSHIPS:

2005 - 2006 Dissertation Fellowship, Brown University
2004 Travel grant to attend ICP 2004, National Science Foundation
2003 Graduate Research Fellowship Honorable Mention, National Science Foundation
2004 – present Sigma Xi Member
2004 – present Society for Quantitative Analysis of Behavior Member
2003 – 2006 Comparative Cognition Society Member
2002 - 2003 University Fellowship, Brown University
2002 Muriel Fain Sher Premium Award in Psychology, Brown University
2001 The Kling Premium in Psychology, Brown University
1997 Rhode Island Scholar Award

ADVISING AND MENTORING

2008 Advisor for Undergraduate Independent Research Project, Brown University
Adam Taitano, Andrew Marshall
2007 Advisor for Undergraduate Independent Research Project, Brown University
Ebony King
2004 Mentor for Undergraduate Independent Research Projects, Brown University
Elizabeth Kyonka, Yaheng Wang

PUBLICATIONS

- MacInnis, M.L.M., Caetano, M.S., Lanman, D., Church, R.M. (submitted). Does adjunctive behavior play a role in timing?
- MacInnis, M.L.M. (2007). Do rats time filled and empty intervals of equal duration differently? *Behavioural Processes*, 75, 182-187.
- Guilhardi, P., MacInnis, M.L.M., Church, R.M., Machado, A. (2007). Shifts in the psychometric function in rats. *Behavioural Processes*, 75, 167-175.
- MacInnis, M.L.M. & Guilhardi, P. (2006). Basic Temporal Discrimination Procedures. In M.Anderson (Ed.) *Tasks and Techniques: A Sampling of Methodologies for the Investigation of Animal Learning, Behavior, and Cognition*. Nova Publishers
- Guilhardi, P., Keen, R. G., MacInnis, M. L. M., & Church, R. M. (2005). How rats combine multiple time intervals. *Behavioural processes*, 69(2), 189-205.
- Keen, R. G., MacInnis, M. L. M., Guilhardi, P., Chamberland, K., & Church, R. M. (2005). The lack of behavioral effects of fenbendazole: a medication for pinworm infection. *Contemporary Topics in Laboratory Animal Science*, 44(2), 17-23
- Church, R.M., Guilhardi, P., Keen, R., MacInnis, M., & Kirkpatrick, K. (2003). Simultaneous Temporal Processing. In H. Helfrich (Ed). *Time and Mind II: Information Processing Perspectives*. Gottingen, Germany: Hogrefe & Huber Publishers, 3-19.

POSTERS & PRESENTATIONS

- MacInnis, M.L.M., Caetano, M.S., Lanman, D., Church, R.M. (May, 2008). *Does adjunctive behavior play a role in timing?* Poster presented at the 31st Annual Conference of the Society for the Quantitative Analysis of Behavior (SQAB). Chicago, IL, USA.
- MacInnis, M.L.M. (March, 2007). *The Effect of Stimulus Number and Duration on Behavior in Rats*. Paper presented at the 78th Annual Meeting of the Eastern Psychological Association (EPA). Pittsburg, PA.
- MacInnis, M.L.M. (May, 2006). *Do Rats Time Filled and Empty Intervals of Equal Duration Differently?* Poster presented at the 29th Annual Conference of the Society for the Quantitative Analysis of Behavior (SQAB). Atlanta, GA, USA.
- Guilhardi, P., MacInnis, M.L.M., & Church, R.M. (May, 2006). *Shifts in the Psychometric Function in Rats*. Poster presented at the 29th Annual Conference of the Society for the quantitative Analysis of Behavior (SQAB). Atlanta, GA, USA.
- Keen, R.G., MacInnis, M.L.M., & Yi, L. (May, 2006) *Multiple Unreliable Times Markers and a Packet Theory of Timing*. Poster presented at the 29th Annual Conference of the Society for the Quantitative Analysis of Behavior (SQAB). Atlanta, GA, USA.
- MacInnis, M.L.M. (March, 2006). *Automatic identification of adjunctive behaviors in rats*. Paper presented at the 13th Annual International Conference on Comparative Cognition (CO3). Melbourne, FL.

- MacInnis, M.L.M. (November, 2005). *Predicting Behavior Using a Packet Theory of Timing and Conditioning*. Paper presented at the 3rd International Conference of the Association for Behavior Analysis. Beijing, China.
- MacInnis, M.L.M. & Church, R.M. (May, 2005). *A Turing Test of a Simulation of a Rat's Behavior in Simple Conditioning Procedures*. Poster presented at the 28th Annual Conference of the Society for the Quantitative Analysis of Behavior (SQAB). Chicago, IL, USA.
- MacInnis, M.L.M. (March, 2005). *The Effect of Stimulus State and Probability on Behavior*. Paper presented at the 12th Annual International Conference on Comparative Cognition (CO3). Melbourne, FL.
- MacInnis, M.L.M. (August, 2004). *Temporal Relationships Between Events Can Predict Behavior on Simple Conditioning Procedures*. Paper presented at the 28th International Congress of Psychology (ICP). Beijing, China.
- Guilhardi, P., Keen, R., MacInnis, M. L. M, & Church, R. M. (May, 2004) *The Combination Rule for Multiple Intervals*. Paper presented at the 27th Annual Conference of The Society for the Quantitative Analysis of Behavior (SQAB). Boston, MA, USA.
- MacInnis, M.L.M., (May, 2004) *How Rats Combine Stimulus Onset, Termination, and Presence Information to Time*. Poster presented at the 27th Annual Conference of the Society for the Quantitative Analysis of Behavior (SQAB). Boston, MA, USA.
- Wang, Y. & MacInnis, M.L.M. (May, 2004). *Cyclic Responding by Rats on a Peak Procedure*. Poster presented at the 27th Annual Conference of the Society for the Quantitative Analysis of Behavior (SQAB). Boston, MA, USA.
- Kyonka, E. & MacInnis, M.L.M. (May, 2004). *Characteristics of Response Bouts Under Fixed Schedules of Temporal Conditioning*. Poster presented at the 27th Annual Conference of the Society for the Quantitative Analysis of Behavior (SQAB). Boston, MA, USA.
- MacInnis, M.L.M. (March, 2004). *The Effect on Behavior of Stimulus Onset, Termination, and Presence*. Paper presented at the 11th Annual International Conference on Comparative Cognition (CO3). Melbourne, FL.
- MacInnis, M.L.M. (March, 2003). *Timed Performance in Simple Conditioning Procedures*. Paper presented at the 10th Annual International Conference on Comparative Cognition (CO3). Melbourne, FL.
- MacInnis, M., Church, R.M., & Guilhardi, P. (March, 2002). *Effects of Distribution of Reinforcements on Shifts in the Temporal Psychophysical Function in Rats*. Poster presented at the 73rd Annual Meeting of the Eastern Psychological Association (EPA). Boston, MA.