

Mika L.M. MacInnis
Providence, RI 02906
email: drmikamacinnis@gmail.com

EDUCATION

May 2015	Respecialization Certificate, APA-accredited program in Clinical Psychology, William James College (formerly Massachusetts School of Professional Psychology), Newton, MA
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
May 1997	H.S., Number 55 Middle School, Beijing, China

PROFESSIONAL APPOINTMENTS

University of Massachusetts Dartmouth – <i>Senior Staff</i>	2015-2016
International School of Beijing, Beijing, China - <i>High School Psychology Teacher</i>	2010 - 2012
Brown University, Providence, RI - <i>Dean of Pembroke College Visiting Professor of Psychology</i>	2007 – 2010

CLINICAL TRAINING

University of Massachusetts Dartmouth - <i>Doctoral Intern</i>	2014-2015
The Center for Psychological Wellness – <i>Doctoral Intern</i>	2013-2014
Clark University – <i>Clinical Practicum Student</i>	2012 2013

RESEARCH

Brown University, Time Lab

Faculty 2007 – 2010

- The unification of theories of conditioning and theories of timing through simple behavioral paradigms with rats
- The application of theories of timing to human data
- Development of an automatic behavior identification system for rats

Graduate Student, Professor Russell Church (Advisor) 2002 – 2007

- Attributes of an effective stimulus (doctoral dissertation)
- How temporal cues are combined to facilitate learning
- Similarities between conditioning and timing procedures and data

Undergraduate research assistant and honors student, Professor Russell Church (Advisor) 2000 – 2002

- Transfer of learning in rats
- Adaptation of the free operant psychophysical procedure for rats

Brown University, East Asian Studies

Undergraduate Teaching and Research Assistantship, Professor Laura Hess (Advisor) 2000

- Developed a new course in Classical Chinese for the Chinese track of the East Asian Studies department
- Transcribed and translated the screenplay for the movie “The Emperor and the Assassin”
- Compiled a library of relevant ancient Chinese texts to be used in class, and created corresponding assignments for the course

Languages

English and Mandarin (bilingual – have used both in psychotherapy)

Publications

- Kalafut, K.L., Freestone, D.M.; MacInnis, M.L.M.; Church, R.M. (2014) Integrating timing and conditioning approaches to study behavior. *Journal of Experimental Psychology: Animal Learning and Cognition*, 40(4), 431-439.
- Freestone, D.M., MacInnis, M.L.M., & Church, R.M. (2013). Response rates are governed more by time cues than contingency. *Timing and Time Perception*, 1, 3-20.
- Krueger, J. I., Freestone, D., & MacInnis, M. L. (2013). Comparisons in research and reasoning: Toward an integrative theory of social induction. *New Ideas in Psychology*, 31(2), 73-86.
- MacInnis, M.L.M., Marshall, A.T., Freestone, D.M., Church, R.M., (2010). A simultaneous temporal processing account of response rate. *Behavioral Processes*, 84(1), 506-510.
- 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. (March, 2013). *Exploring the Experience of Returning to Your "Home" Culture*. Invited paper presented at the Clark University Third Culture Kid/Global Nomad Conference. Worcester, MA, USA.
- MacInnis, M.L.M. (May 2009). *A 100-year-old confound: A reexamination of classical and instrumental conditioning*. Invited paper presented at the 32nd Annual Conference of the Society for the Quantitative Analysis of Behavior (SQAB). Phoenix, AZ, USA.
- Marshall, A.T., MacInnis, M.L.M., Church, R.M. (May 2009). *Precise time cues lead to low response rates in rats*. Poster presented at the 32nd Annual Conference of the Society for the Quantitative Analysis of Behavior (SQAB). Phoenix, AZ, USA.
- 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.
- Guilhardi, P., Church, R.M., Yi, L., MacInnis, M.L.M., Narayanan, N.S., & Laubach, M. (March, 2007). *Application of a Temporal Model of Behavior to Activity of Delay Neurons in the Medial Prefrontal Cortex and Motor Cortex in a Reaction-Time Task*. Paper presented at Computational and Systems Neuroscience (COSYNE) 2007. New Haven, CT, 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.