

Approved by the
Regents
May 21, 2015

PROMOTION RECOMMENDATION
The University of Michigan-Flint
College of Arts and Sciences
Department of Psychology

Julie Broadbent, assistant professor of psychology, Department of Psychology, College of Arts and Sciences, is recommended for promotion to associate professor of psychology, with tenure, Department of Psychology, College of Arts and Sciences.

Academic Degrees:

Ph.D.	1986	University of Saskatchewan, Canada
B.Sc.	1981	Sheffield University, South Yorkshire, England

Professional Record:

2009-Present	Assistant Professor of Psychology, University of Michigan-Flint
2003-2006	Research Assistant Professor, Department of Psychiatry, University of Michigan-Ann Arbor
1999-2003	Assistant Research Scientist, Department of Psychiatry, University of Michigan-Ann Arbor
1995-1999	Assistant Professor, Department of Behavioral Neuroscience, Oregon Health and Science University, Portland
1994-1995	Instructor, Oregon Health and Science University, Portland
1991-1994	Research Associate, Department of Medical Psychology, Oregon Health and Science University, Portland

Summary of Evaluation:

Teaching – Professor Broadbent is one of the most talented and innovative teachers in the Department of Psychology. A review of her course materials reveals a rich variety of information. Her lecture slides are not limited to presentation of text; they include short videos and practice quizzes. She also requires students to complete article critiques, giving them exposure to original research and the opportunity to develop critical thinking skills. The response to Professor Broadbent’s teaching has been uniformly positive from students to peer observations; the praise of her skill and dedication is consistent. As part of the recognition of her teaching, she received the Dr. Lois Matz Rosen Junior Faculty Excellence in Teaching award. Professor Broadbent has been very involved in assessment efforts, both at the department and college levels. She helped create and revise the Department of Psychology research assessment test. Importantly, since her arrival, students’ scores on the department assessment test have steadily improved in the areas of comparative/biological psychology. Another indicator of her commitment to quality teaching is the number of independent study projects that Professor Broadbent provides. This usually occurs when students are so positive about the approach taken in a class that they seek to work specifically with the faculty member on a particular project. These projects are undertaken with no additional remuneration, but instead, due to a profound commitment to student success.

Research – The research record of Professor Broadbent is outstanding over her entire career both prior and subsequent to her current position as an assistant professor of psychology. For many years she was employed as a research scientist in various academic institutions across the country. Most recently, she was a research scientist at the Ann Arbor campus. Since her transition to the University of Michigan-Flint, Professor Broadbent has maintained her research productivity even during adverse conditions including the closure of her lab due to renovations in the Murchie Science Building. As a scholar, Professor Broadbent

has published influential articles in some of the most respected journals in the discipline. Last year, her study on alcohol addiction in mice was published in a highly-respected peer reviewed journal," *Neuroscience Letters*. This publication has been listed as one of the top 20 articles in the field by the updating service WIPMID.com. Professor Broadbent is a nationally recognized authority in the experimental study of addiction in animal models.

Recent and Significant Scholarly Activity:

Published Peer Reviewed Journal Articles

- Broadbent, J. (2013). "The Role of L-Type Calcium Channel Blockers in the Development and Expression of Behavioral Sensitization to Ethanol." *Neuroscience Letters*, 553: pp. 196-200. *Has been viewed 130 times since August 19, 2014, according to ScienceDirect and Scopus.*
- Phillips, T. J., Broadbent, J., Burkhart-Kasch, S., Henderson C., Wenger, C. D, McMullin, C. and Cunningham, C. L. (2005). "Genetic Correlational Analyses of Ethanol Reward and Aversion Phenotypes in Short Term Mouse Lines Bred for Ethanol Drinking or Ethanol-Induced Conditioned Taste Aversion." *Behavioral Neuroscience*, 119: pp. 892-910. (30)[#]
- Broadbent, J., Kampmueller, K. M. and Koonse, S. A (2005). "Role of Dopamine in Sensitization to Ethanol in DBA/2J Mice." *Alcohol*, 35: pp. 137-148. (23)[#]
- Broadbent, J., Kampmueller, K. M. and Koonse, S. A. (2003). "Expression of Behavioral Sensitization to Ethanol by DBA/2J Mice: The Role of NMDA and Non-NMDA Receptors." *Psychopharmacology*, 167: pp. 225-234. (31)[#]
- Broadbent, J., Muccino, K. J. and Cunningham, C. L. (2002). "Ethanol-Induced Conditioned Taste Aversion in Fifteen Inbred Mouse Strains." *Behavioral Neuroscience*, 116: pp. 138-148. (54)[#]
- Broadbent, J. and Weitemier, A. Z. (1999). "Dizocilpine (MK-801) Prevents the Development of Sensitization to Ethanol in DBA/2J Mice." *Alcohol and Alcoholism*, 34: pp. 283-288. (31)[#]
- Broadbent, J. and Harless, W. E. (1999). "Differential Effects of GABA_A and GABA_B Agonists on Sensitization to the Locomotor Stimulant Effects of Ethanol in DBA/2J Mice." *Psychopharmacology*, 141: pp. 197-205. (52)[#]

Number of citations of article based on Web of Science data as of July 24, 2014.

Manuscripts in Progress:

- Horgan T., Broadbent, J., McKibbin, W. and Duehring, A.* (Submitted September 2014 for review). "Show Versus Tell: The Effects of Mating Context on Women's Memory for a Man's Physical Features and Speech." **University of Michigan-Flint student.*
- Broadbent, J. and Dakki, M. A.* (submitted June 2014 to *Cyberpsychology, Behavior, and Social Networking*). "How Much is Too Much to Pay for Internet Access: A Behavioral Economic Analysis of the Relative Reinforcing Efficacy of Internet Use by Problematic and Non-Problematic Users."

**University of Michigan-Flint student.*

Invited Presentations:

- "Recent Advances in the Biomedical Basis of Alcoholism," Black Hills State University, South Dakota, February 2005.
- "Animal Models in Alcoholism Research," Wayne State University, Department of Pharmacology, April 2004.
- "The Role of Dopaminergic Systems in Behavioral Sensitization to Ethanol," Research Society on Alcoholism Annual Meeting, Vancouver, British Columbia, June 2004.

Abstracts (National and International Meetings):

- Broadbent, J. and Koonse S. A. "Expression of Sensitization to Ethanol by DBA/2J Mice Persists Across Multiple Tests," Research Society on Alcoholism Meeting, Baltimore, Maryland, 2006.
- Broadbent, J. and Koonse, S. A. "The Calcium Channel Blockers Verapamil and Diltiazem Do Not Alter Acquisition or Expression of Sensitization to Ethanol in Mice," Research Society on Alcoholism Meeting, Baltimore, Maryland, 2006.
- Broadbent, J. and Koonse, S. A. "Nifedipine Prevents Acquisition and Expression of Sensitization to Ethanol," Research Society on Alcoholism Meeting, Santa Barbara, California, 2005.
- Broadbent, J., Kampmueller, K. M. and Koonse, S. A. "Behavioral Sensitization to Ethanol in DBA/2J Mice: The Role of Dopamine," Research Society on Alcoholism Meeting, Fort Lauderdale, Florida, 2003.
- Broadbent, J. and Koonse, K. A. "Behavioral Sensitization to Ethanol Is Not Associated With Tolerance," European Behavioral Pharmacology Society, Brighton, England, 2002.
- Broadbent, J. and Koonse, K. A. "Expression of Sensitization to Ethanol: Effect of Glutamate Antagonists," Research Society on Alcoholism Meeting, San Francisco, California, 2002.
- Broadbent, J. "Effect of Glutamate Antagonists on Expression of Sensitization to Ethanol," Research Society on Alcoholism Meeting, Montreal, Canada, 2001.

Service – Professor Broadbent has been an excellent colleague at the University of Michigan-Flint with service contributions to the Department of Psychology and the College of Arts and Sciences. She was instrumental in the certification of the lab for animal research studies in the Murchie Science Building. In addition, she was the primary faculty contact for the relocation of the Department of Psychology from the Murchie Science Building to French Hall. This effort required almost constant vigilance to establish the department in the new space. In addition, Professor Broadbent has been heavily engaged in the assessment activities at the departmental and college levels. Overall, Professor Broadbent is an excellent university and college colleague.

External Reviewers:

Reviewer (A): "The latter submission has the hallmarks of a paper that will be impactful on the important debate surrounding the addictive properties of media. It uses novel behavioral economic techniques to assess the issue of addiction to information."

Reviewer (B): "...Dr. Broadbent's work has been carefully and meticulous executed. Her work requires a sophisticated and subtle sense of animal behavior, and superior laboratory development skills. Her published papers are of uniformly high quality, and her results are well respected."

Reviewer (C): "I consider her first author publications from 1999-2003 to all be outstanding and representative of the quality of research and writing she brings to the alcohol field. Her basic science publication in 2013 maintained this high level of quality... It is also noteworthy that Julie is first author on many of her publications, indicating that she was the lead author, and so the researcher who organized the studies, conducted and analyzed experiments and wrote the manuscripts."

Reviewer (D): "She has published strong empirical work in prominent journals for behavioral pharmacology. In short, she has a solid record of conducting sound research... ...Dr. Broadbent has adapted [to the absence of an animal lab] by conducting applied research with human subjects. In my opinion, this has been a valiant effort to make lemonade when given lemons..."

Reviewer (E): "Dr. Broadbent has had good extramural funding success... Securing extramural funding is terribly challenging and her ability to secure those funds is impressive... Since joining the faculty at UM-

Flint, Dr. Broadbent has co-authored a paper in *Behavioral Neuroscience* that reports the results of a large scale project completed at OHSU. This is an influential paper and published in a top-rated journal.”

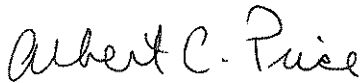
Reviewer (F): “It is important to note that several of her publications appear in some prestigious journals in her field... Her ability to maintain continuous funding for her research from 1996 to 2006 is a very impressive accomplishment in that era of highly competitive research funding... I believe she will continue to make major contributions to the field of alcohol research and addictive behaviors.”

Reviewer (G): “My impression is that they are solid publications in good journals... Dr. Broadbent has been reasonably successful in obtaining funding for her research and in every instance she was the principal investigator.”

Summary of Recommendation:


Professor Broadbent is an excellent teacher, well respected scholar, and engaged faculty member. I fully concur with the Executive Committee of the College of Arts and Sciences and enthusiastically recommend that Julie Broadbent be promoted to associate professor of psychology, with tenure, Department of Psychology, College of Arts and Sciences.

Recommended by:



Albert C. Price, Interim Dean
College of Arts and Sciences

Recommendation endorsed by:



Barbara B. Dixon, Interim Provost and
Vice Chancellor for Academic Affairs



Susan E. Borrego, Chancellor
University of Michigan-Flint

May 2015