

Andrea G. Gillman

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EDUCATION

Indiana University, Bloomington, IN
Ph.D. Program in Neuroscience & Psychology **2005-present**

University of Guelph, Ontario, Canada
B.Sc. Honours Major Zoology **2003**

AWARDS

- Graduate Research Fellowship, Indiana University Bloomington **2008-2009**
Integrative Predoctoral Training in Drug Abuse Research Project
- Center for the Integrative Study of Animal Behavior Graduate Travel Grant **2006-2007**
- Graduate Fellowship (Research Assistant), Indiana University Bloomington **2005-2008**
- International Entrance Scholarship, University of Guelph **1999-2000**

TEACHING EXPERIENCE

Indiana University, Bloomington, IN
Graduate Laboratory Instructor – “Methods in Psychology” **2008**
Developed laboratory syllabus and collaborated on assignment curriculum, instructed weekly laboratory sections, met with students upon request, graded all written work, and administered final course grades.

RELATED EXPERIENCE

Charles River Laboratories Preclinical Services – Pennsylvania Division, Horsham, PA
Laboratory Technician – Reproductive Toxicology/Neurotoxicology **2003-2005**
Performed technical procedures and daily animal care and maintenance for reproductive toxicology and neurotoxicology studies.

Buffalo Museum of Science, Buffalo, NY
Intern/Volunteer, Vertebrate Zoology Department **2003**
Assisted collections manager in the maintenance of preserved specimens.

Deep Portage Conservation Reserve, Hackensack, MN
Summer Camp Field Instructor **2002**
Supervised and counseled campers ages 9-16, instructed outdoor recreational activities, assisted in the teaching of environmental education classes.

PUBLICATIONS AND PAPERS

Research Papers

- Gillman, A.G., Kosobud, A.E.K., Timberlake, W. 2008. Pre- and post-nicotine circadian rhythms can be differentiated by a paired environmental cue. *Physiology and Behavior*, 93(1-2), 337-350.
 - Gillman, A.G., Kosobud, A.E.K., Timberlake, W. (2008). Nicotine administration produces robust entrainment of activity in both the absence and presence of food and light zeitgebers. In preparation.
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- Gillman, A.G., Leffel, J.K., Kosobud, A.E.K., Timberlake, W. 2008. Fentanyl, but not haloperidol, entrains persistent circadian activity patterns when administered on 24-hour schedules. In preparation.
- Timberlake, W., Gillman, A.G., Leffel, J.K., & Kosobud, A.E.K. 2008. Fentanyl, but not haloperidol, produces circadian post-administration ensuing activity patterns when administered on 31-hour schedules. In preparation.

Reviews

- Kosobud, A.E.K., Gillman, A.G., Leffel, J.K., Pecoraro, N.C., Rebec, G.V., & Timberlake, W.D. 2007. Drugs of abuse can entrain circadian rhythms. *TheScientificWorldJOURNAL*. 7(S2), 203-212.

Abstracts

- Gillman, A.G., Kosobud, A.E., & Timberlake, W. (2008). Amplitudes of nicotine-evoked activity episodes decline across the day independent of dosage. Abstract for poster presentation (submitted), American Psychological Association Annual Meeting, Boston, MA, and Society for Neuroscience Annual Meeting, Washington, D.C.
- Gillman, A.G., Leffel, J.K., Kosobud, A.E.K., & Timberlake, W. (2008). Rats anticipate the effects of addictive drugs in a circadian pattern. Abstract for poster presentation, Society for Research on Biological Rhythms Biennial Meeting, Sandestin, FL, and Center for the Integrative Study of Animal Behavior Conference, Bloomington, IN
- Gillman, A.G. & Timberlake, W. (2008). Rats anticipate the effects of addictive drugs in a circadian pattern. Abstract for platform presentation, Winter Conference on Animal Learning and Behavior, Winter Park, CO, and Tri-State Animal Learning and Behavior Conference, Lexington, KY.
- Timberlake, W., Gillman, A.G., Leffel, J.K., & Kosobud, A.E.K. 2007. Nicotine and fentanyl entrain circadian activity patterns in rats under both 24- and 31-hour schedules. Abstract for poster presentation, Society for Neuroscience Annual Meeting, San Diego, CA.
- Gillman, A.G. & Timberlake, W. 2007. Nicotine-induced circadian activity patterns under fixed and variable zeitgebers. Abstract for poster presentation at American Psychological Association Annual Meeting, San Francisco, CA, and Society for Neuroscience Annual Meeting, San Diego, CA.
- Gillman, A.G. & Timberlake, W. 2007. Nicotine-induced circadian activity patterns under fixed and variable zeitgebers. Abstract for platform presentation at Tri-State Animal Learning Conference, West Lafayette, IN, and Center for the Integrative Study of Animal Behavior Conference, Bloomington, IN.
- Gillman, A.G., Kosobud, A.E.K., & Timberlake, W. 2007. Pre- and post-nicotine circadian activity rhythms are differentiated by a paired auditory stimulus. Abstract for poster presentation, Nebraska Symposium on Motivation, Lincoln, NE.
- Gillman, A.G. & Timberlake, W. 2006. Auditory stimuli paired with the effects of nicotine injections interfere with anticipatory activity. Abstract for poster presentation at Animal Behavior Society Annual Meeting, Snowbird, UT, and Society for Neuroscience Annual Meeting, Atlanta, GA.
- Gillman, A.G. & Timberlake, W. 2006. The role of circadian rhythms and Pavlovian conditioning in nicotine addiction. Abstract for platform presentation at Tri-State Animal Learning Conference, Indianapolis, IN, and Center for the Integrative Study of Animal Behavior Annual Conference, Bloomington, IN.

PROFESSIONAL CERTIFICATIONS

- American Association for Laboratory Animal Science
 - Assistant Laboratory Animal Technician (ALAT) **2005**

MEMBERSHIPS

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- American Association for Laboratory Animal Science
 - American Psychological Association
 - Division 6: Behavioral Neuroscience and Comparative Psychology
 - Executive Committee Student Representative
 - Society for Neuroscience
 - Society for the Study of Biological Rhythms

2007-2008