Dean B. Bowker

Curriculum Vitae

PERSONAL INFORMATION Male, DOB: 5/7/1986, Indianapolis, IN

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EDUCATION

May 2008	B.S.	Indiana University, Bloomington, IN
		Biology
May 2008	B.S.	Indiana University, Bloomington, IN
		Neuroscience with minor in Psychology

HONORS AND AWARDS

May 2008 Departmental Honors in Psychology	
Department of Psychological and Brain Sciences, Indiana U	University,
Bloomington, Indiana	
May 2008 Cheryl Burnham Buhler Award	
Department of Psychological and Brain Sciences, Indiana U	University,
Bloomington, Indiana	
2005-2008 STARS (Science, Technology, and Research Scholars) Award	
College of Arts and Science, Indiana University,	
Bloomington, Indiana	
2004-2008 Freese Scholarship, Hutton Honors College, Indiana University,	
Bloomington, Indiana	
April 2005 National Society of Collegiate Scholars	
2004-2005 IFLE (Integrated Freshman Learning Experience) Award,	
College of Arts and Science, Indiana University	

WORK EXPERIENCE:

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PRESENTATIONS AT SCIENTIFIC MEETINGS

May 2008	APS (Association for Psychological Science) Convention, Chicago, IL
April 2008	CISAB (Center for the Integrative Study of Animal Behavior) Conference,
	Indiana University, Bloomington, IN
April 2008	STARS Symposium, College of Arts and Sciences, Indiana University
April 2007	STARS Symposium, College of Arts and Sciences, Indiana University
September 2007	STARS Meeting, College of Arts and Sciences, Indiana University
September 2006	STARS Meeting, College of Arts and Sciences, Indiana University
Summer 2004	IFLE Meeting, College of Arts and Sciences, Indiana University

PROFESSIONAL MEMBERSHIPS

RESEARCH EXPERIENCE

2005-2008 Undergraduate Research Assistantship Behavioral & Pharmacological Neuroscience, Indiana University Supervisor: George Rebec, Ph.D.

The role of the basolateral amygdala in cocaine use and relapse was examined in rat models. Single-cell electrophysiological recordings were taken from the basolateral amygdala during cocaine self-administration, extinction of drug-seeking behavior, and cue-induced reinstatement of drug-seeking behavior.

Summer 2004 Summer Research Assistantship Psychological & Brain Sciences, Indiana University Supervisor: Preston Garraghty, Ph.D.

The effects of phenytoin on working memory were examined in rats. Following treatment of phenytoin, an anti-epileptic, working memory was assessed using a water maze.

REFERENCES

George Rebec, Ph.D.	Professor of Psychology, Department of Psychological and Brain
	Sciences, Indiana University, Bloomington, IN
	Phone: (812) 855-4832
	E-mail: rebec@indiana.edu
Preston Garraghty, Ph.D.	Professor of Psychology, Department of Psychological and Brain
	Sciences, Indiana University, Bloomington, IN
	Phone: (812) 855-9679
	E-mail: pgarragh@indiana.edu