

## Justin W. Kenney

---

Weiss Hall  
Temple University  
1701 N. 13<sup>th</sup> St.  
Philadelphia, PA 19122

Telephone: (215) 204-6554  
Fax: (215) 204-5539  
justin.kenney@temple.edu

---

### *Education*

Temple University, Philadelphia, PA 2005 – Present  
Ph.D. Program in Psychology: Neuroscience Specialization  
Advisor: Thomas J. Gould, Ph.D.

Case Western Reserve University, Cleveland, OH 1999 – 2003  
B.S. Physics, B.A. Philosophy (*Magna Cum Laude*)  
  
Senior Project in Physics: Surface electromagnetic waves  
in the photonic band gap of cholesteric liquid crystals.  
Advisor: Kenneth J. Singer, Ph.D.

### *Honors and Distinctions*

NIH (NIDA) Training Grant Fellowship  
Temple University, 2007 - Present

University Fellowship  
Temple University, 2005 –2007

Elmer C. Stewart award for achievements in the applications of physics  
Case Western Reserve University, 2003

Alumni Scholarship  
Case Western Reserve University, 2002 - 2003

Men's National Field Hockey Squad, 1999, 2000

### *Additional Research Experience*

NSF Summer REU Summer 2002  
Department of Material Science and Engineering  
University of Pennsylvania  
Project: The kinetics of filling carbon nanotubes with C-60 molecules.

***Professional and Community Service***

|   |                |
|---|----------------|
| Neuroscience Faculty Search Committee                         | 2008           |
| Graduate Student Representative for Neuroscience Journal Club | 2008 – present |
| Fundraising Chairman for Newbold South Civic Association      | 2008 – present |
| AmeriCorps*National Civilian Community Corps; CorpsMember     | 2003 – 2004    |

***Professional Memberships***

American Association for the Advancement of Science  
 Society for Neuroscience  
 Philadelphia Chapter Society for Neuroscience  
 Pavlovian Society  
 Eastern Psychological Association  
 Molecular and Cellular Cognition Society

***Peer Reviewed Manuscripts***

**Kenney JW**, Florian C, Portugal GS, Abel T, Gould TJ. Involvement of hippocampal jun-N terminal kinase pathway in the enhancement of learning and memory by nicotine. *Submitted*.

Marshall PJ & **Kenney JW**. Biological perspectives on the effects of early psychosocial experience. *Submitted*.

**Kenney JW** & Gould TJ (2008) Nicotine enhances context learning but not context-shock associative learning. *Behavioral Neuroscience*, 122, 1158-1165.

**Kenney, JW** & Gould TJ (2008) Modulation of hippocampus-dependent learning and synaptic plasticity by nicotine. *Molecular Neurobiology*, 38, 101-121.

Portugal GS, **Kenney JW** & Gould TJ (2008)  $\beta$ 2 subunit containing acetylcholine receptors mediate nicotine withdrawal deficits in the acquisition of contextual fear conditioning. *Neurobiology of Learning and Memory*, 89, 106-113.

Davis JA\*, **Kenney JW\***, & Gould TJ (2007) Hippocampal  $\alpha$ 4 $\beta$ 2 nAChR involvement in the enhancing effect of acute nicotine on contextual fear conditioning. *The Journal of Neuroscience*, 27, 10870-10877.

***Posters & Presentations***

**Kenney JW**, Florian C, Portugal GS, Abel T, Gould TJ (2008) Involvement of jun-N-

- terminal kinase in the enhancement of learning and memory by nicotine. *Poster Presentation at the Annual Meeting of the Society for Research on Nicotine and Tobacco*, Portland, OR.
- Gould TJ, **Kenney JW**, Florian C, Abel T (2007) The JNK/MAPK pathway and the hippocampus are critically involved in the enhancement of contextual fear conditioning by nicotine. *Poster Presentation at the Annual Meeting of the American College of Neuropsychopharmacology*, Boca Raton, FL.
- Florian C, **Kenney JW**, Portugal GS, Abel T, Gould TJ (2007) Nicotine-induced enhancement of contextual fear conditioning in mice by modulation of the JNK pathway. *Poster Presentation at the Annual Meeting of the Society for Neuroscience*, San Diego, CA.
- Kenney JW** & Gould TJ (2007) Nicotine enhances context but not context-shock associative learning. *Poster Presentation at the Annual Meeting of the Society for Neuroscience*, San Diego, CA.
- Kenney JW**, Florian C, Portugal GS, Abel T, Gould TJ (2007) One man's JNK is another man's treasure: a possible role for JNK in nicotine addiction. *Poster Presentation at the Annual Meeting of the Philadelphia Chapter Society for Neuroscience*, Philadelphia, PA.
- Kenney JW**, Davis JA & Gould TJ (2007) The role of nicotinic acetylcholine receptor subtypes within the dorsal hippocampus in the enhancement of contextual fear conditioning by nicotine. *Paper Presentation at the Annual Meeting of the Eastern Psychological Association*, Philadelphia, PA.
- Kenney JW**, Davis JA & Gould TJ (2006)  $\alpha 4\beta 2$  neuronal nicotinic acetylcholine receptors in the dorsal hippocampus mediate the enhancement of contextual fear conditioning in C57BL/6J mice by nicotine. *Poster Presentation at the Annual Meeting of the Society for Neuroscience*, Atlanta, GA.
- Portugal GS, **Kenney JW** & Gould TJ (2006) Nicotine withdrawal deficits in contextual fear conditioning require the  $\beta 2$  nicotinic acetylcholine receptor subunit. *Poster Presentation at the Annual Meeting of the Society for Neuroscience*, Atlanta, GA.
- Kenney JW**, Davis JA, & Gould TJ (2006) Nicotine enhances contextual fear conditioning via dorsal hippocampal  $\alpha 4\beta 2$  nicotinic acetylcholine receptor-mediated processes in C57BL/6J mice. *Poster Presentation at the Annual Meeting of the Pavlovian Society*, Philadelphia, PA
- Kenney JW**, Davis JA, & Gould TJ (2006) The role of hippocampal nicotinic

acetylcholine receptors in mediating contextual fear conditioning. *Poster Presentation at the Annual Meeting of the Philadelphia Chapter Society for Neuroscience*, Philadelphia, PA.

Portugal GS, **Kenney JW** & Gould TJ (2006)  $\beta$ 2 nicotinic acetylcholine receptor subunits mediate nicotine withdrawal deficits in contextual fear conditioning. *Poster Presentation at the Annual Meeting of the Philadelphia Chapter Society for Neuroscience*, Philadelphia, PA.