

# Ryan F. Kovaleski: Curriculum Vitae

## CONTACT INFORMATION

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## EDUCATIONAL BACKGROUND

- 2007-2011 **B.Sc.**, Neuroscience, University of Rochester, Rochester, NY  
2011-2012 **Ph.D.**, Biomedical Sciences, Univ. Oklahoma Health Sciences Center, Oklahoma City, OK  
2012-present **Ph.D.**, Neuroscience, Northwestern University, IL

## RESEARCH EXPERIENCE

- 2006-2009 **DEPT. PSYCHOLOGY, BINGHAMTON UNIVERSITY, NY**  
Neural mechanisms affected by alcohol addiction and simulated alcohol binges in juvenile rodents, under Prof. Norman Spear. (Summers only)
- 2009-2010 **DEPT. BRAIN AND COGNITIVE SCIENCES, UNIVERSITY OF ROCHESTER, NY**  
Neurophysiological basis underlying the formation of auditory-recognition memories in the awake songbird brain, under Prof. Raphael Pinaud
- 2010 **DEPT. NEUROBIOLOGY AND ANATOMY, UNIVERSITY OF ROCHESTER, NY**  
Anatomical mapping of frontal lobe connections to thalamic nuclei in the macaque brain, under Prof. Lizabeth Romanski
- 2011 **DEPT. PHYSIOLOGY, UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER, OK**  
Estrogen effects on spectrotemporal receptive field tuning properties of auditory neurons in the songbird brain, under Prof. Raphael Pinaud
- 2011 **DEPT. GERIATRIC MEDICINE, UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**  
Contributions of insulin to central auditory processing, under Prof. Liisa Tremere
- 2012 **DEPT. NEUROBIOLOGY, NORTHWESTERN UNIVERSITY, IL**  
Estrogen effects on spectrotemporal receptive field tuning properties of auditory neurons in the songbird brain cont., under Prof. Raphael Pinaud

## HONORS AND AWARDS

- 2007-2009 Dean's List, University of Rochester, NY  
2007-2011 Bausch & Lomb Honorary Science Award

## PUBLICATIONS

### PEER REVIEWED ARTICLES:

Tremere, LA, **Kovaleski, R**, Burrows, K, Jeong, JK & Pinaud, R (2012) Mechanistic basis and functional roles of long-term plasticity in auditory neurons induced by a brain-generated estrogen. *J.Neurosci.* 32: 16478-16495.

### CONGRESS ABSTRACTS:

Hopiavuori B, **Kovaleski R** & Tremere LA (2011). Insulin affects the organization and function of central sensory neurons. *Diabetes Res. Symp.*, S-42.

Tremere LA, **Kovaleski RF**, Burrows K, Jeong JK & Pinaud R (2012) Mechanistic basis and functional roles of long- term plasticity in auditory neurons induced by a brain-generated estrogen. Soc. Neurosci. 38, 502.7.