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PROFESSIONAL EXPERIENCE

- **University of Delaware**, Professor, Department of Psychology and Behavioral Neuroscience Program, Newark, DE, 2009-present
- **University of Delaware**, Associate Professor, Department of Psychology and Behavioral Neuroscience Program, Newark, DE, 2001-2009
- **University of Delaware**, Assistant Professor, Department of Psychology and Behavioral Neuroscience Program, Newark, DE, 1995-2001
- **National Institute of Mental Health**, Senior Staff Fellow, Unit Chief of Neurochemistry, Biological Psychiatry Branch, Bethesda, Maryland, 1989-1995
- **Yale University School of Medicine**, Postdoctoral Fellow, Department of Psychiatry, New Haven, Connecticut, 1985-1989

EDUCATION

- **Wayne State University**, Doctor of Philosophy, Biopsychology and Neuroscience, 1986, Detroit, Michigan
- **Wayne State University**, Master of Arts, Biopsychology, 1983, Detroit, Michigan
- **Oakland University**, Bachelor of Arts, Psychology, 1973, Rochester, Michigan

CURRENT GRANTS/AWARDS

- "COBRE: The Delaware Center for Neuroscience Research". P20, NIGMS, direct costs: \$10,457,528, UD Administrative Core PI, 9/26/12-9/25/17
- "Oxytocin's novel antianxiety effect". R01, NIMH, direct costs: \$250,000, PI, 2/15/2012-2/14/2013 with extension until 2/14/2014
- "Mechanisms of Trace Fear Conditioning in the Developing Rat", R21, NIMH, direct costs: \$275,000, Multiple Principal Investigator, 9/2011-8/2013 with extension until 7/31/2014.

HONORS/AWARDS

- Neuroscientist of the Year, Delaware Chapter of the Society for Neuroscience, 2012
- Fellow of the Association for Psychological Science, 2007- present
- Post-Doctoral National Research Service Award, NIMH, 1987-1989
- Wayne State University Predoctoral Neuroscience Fellowship, 1984-1985
- Wayne State University Graduate-Professional Fellowship, 1984-1985

PROFESSIONAL SOCIETY AFFILIATIONS

Society for Neuroscience; Association for Psychological Science; Behavioral Pharmacology Society; International Behavioral Neuroscience Society; Anxiety and Depression Association of America; American Association of the Advancement of Science; American Psychological Association (Division 6, Behavioral Neuroscience); Emotion Research Group (emeritus)

BIBLIOGRAPHY

JOURNAL ARTICLES AND BOOK CHAPTERS IN THE LAST 5 YEARS (From a total of 77)

1. Asok, A., Schreiber, W.B., Jablonski, S.A., **Rosen, J.B.** and Stanton, M.E. (2013). Egr-1 Increases in the Prefrontal Cortex Following Training in the Context Preexposure Facilitation Effect (CPFE) Paradigm. *Neurobiology of Learning and Memory*, 106:145-153.
2. Ayers, L. W., Asok, A., Heyward, F. and **Rosen, J. B.** (2013). Freezing to the predator odor 2,4,5 dihydro 2,5 trimethylthiazoline (TMT) is disrupted by olfactory bulb removal but not trigeminal nerve deafferentation. *Behavioural Brain Research*, 253, 54-59.
3. Dekel, S., Ein-Dor, T., Gordon, M.K., **Rosen, J.B.** and Bonanno, G.A. (2013). Cortisol and PTSD Symptoms among Male and Female High-Exposure 9/11 Survivors. *Journal of Traumatic Stress*.
4. Asok, A., Bernard, K., Roth, T.L., **Rosen, J.B.** and Dozier, M. (2013). Parental Responsiveness moderates the association between early-life stress and reduced telomere length. *Development and Psychopathology*, 26:1-10.
5. Asok, A., Ayers, L.W. Awoyemi, B., Schulkin, J. and **Rosen, J.B.** (2013). Immediate Early Gene and Neuropeptide Expression Following Exposure to the Predator Odor, 2,5-dihydro-2,4,5-trimethylthiazoline (TMT). *Behavioural Brain Research*, 248, 85-93.
6. Ayers, L.W., Missig, G., Schulkin, J. and **Rosen J.B.** (2011). Oxytocin reduces background anxiety in a fear-potentiated startle paradigm: peripheral vs. central administration. *Neuropsychopharmacology*, 36, 2488-97. Epub 2011 Jul 27.
7. Schiffino, F.L., Murawski, N.J., **Rosen, J.B.** and Stanton, M.E. (2011). Ontogeny and neural substrates of the context preexposure facilitation effect. *Neurobiology of Learning and Memory*, 95, 190-198.
8. Missig, G, Ayers, L.W., Schulkin, J. and **Rosen, J.B.** (2010). Oxytocin reduces background anxiety in a fear-potentiated startle paradigm. *Neuropsychopharmacology*, 35, 2607-2616. Epub 2010 Sep 15.
9. Burman, M.A., Murawski, N.J., Schiffino, F.L., **Rosen, J.B.**, and Stanton, M.E. (2009). Factors governing single-trial contextual fear conditioning in the weanling rat. *Behavioral Neuroscience*, 123, 1148-1152.
10. Pagani, J.H. and **Rosen, J.B.** (2009). The medial hypothalamic defensive circuit and 2,5-Dihydro-2,4,5-Trimethylthiazoline (TMT) induced fear: Comparison of electrolytic and neurotoxic Lesions. *Brain Research*, 1286, 133-146.

11. Izard, C.E., Krauthamer-Ewing, E.S, Woodburn, E.M., Finlon, K.J. and **Rosen, J.B.** (2009). Emotion–cognition interplay in motivating and guiding plans and actions: Commentary on McClure-Tone’s socioemotional functioning in bipolar disorder. *Clinical Psychology: Science and Practice*, 16, 114-120.
12. Reti, I.M., Han, S., Miskimon, M., **Rosen, J.B.**, and Baraban, J.M. (2009). Nicotine and Δ^9 -Tetrahydrocannabinol withdrawal induces Narp in the central nucleus of the amygdala. *Synapse*, 63, 252-255.
13. **Rosen, J.B.**, Donley, M.P., Gray, D., West, E.A., Morgan, M.A., and Schulkin, J. (2008). Chronic corticosterone administration does not potentiate unconditioned freezing to the predator odor, trimethylthiazoline. *Behavioural Brain Research*, 194, 32-38.
14. Blanchard, D.C., Blanchard, R.J., and **Rosen, J.B.** (2008). Predator odors, 5HT and emotion. *Neuroscience and Biobehavioral Reviews*, 32, 1207-1208.
15. **Rosen, J.B.**, Pagani, J.H., Rolla, C., and Davis, C. (2008). Analysis of Behavioral Constraints and the Neuroanatomy of Fear to a Predator Odor: A Model for Animal Phobias. *Neuroscience and Biobehavioral Reviews*, 32, 1267-1276.
16. **Rosen, J.B.** (2008). Aversive Emotions: Molecular Basis of Unconditioned Fear. *Encyclopedia of Neuroscience*. (L.R. Squire, Editor). Oxford: Academic Press, vol. 1, pp. 1047-1053.