
Lillian S. Laiks

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Department of Psychology, Institute for Neuroscience

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Education

2020	Ph.D., Neuroscience (Expected)	Texas A&M University, College Station, TX Advisor: Rachel Smith, Ph.D.
2015	B.A., Behavioral Neuroscience Psychology Minor	Colgate University, Hamilton, NY Major Advisor: Jun Yoshino, Ph.D. Thesis Advisor: Deborah Kreiss, Ph.D.

Scholarships and Awards

Travel Award, Texas A&M Institute for Neuroscience, Society for Neurosciences, San Diego, CA, 2016

Travel Award, Texas A&M Institute for Neuroscience, Society for Neurosciences, Chicago, IL, 2015

Travel Award, Colgate Office of Undergraduate Research, Society for Neurosciences, Washington, DC, 2014

Summer Research Internship, Colgate Natural Sciences Division, Summer of 2013

Summer Research Student Wage Grant, Colgate University Research Council, Summer of 2012

Conference Poster Presentations / Published Abstracts

1. **Laiks LS**, Barnes AM, Gronseth ED, Solin AM, Burke L, Kasparson LJ, Matthijssen C, Scalzo A, Kreiss DS (2015). "Comparison of behaviors under Light versus Dark conditions in the neoclopramine rodent model of Obsessive Compulsive Disorder." Society for Neurosciences, Chicago, IL.
2. **Laiks LS**, Barnes AM, Gronseth ED, Solin AM, Burke L, Kasparson LJ, Matthijssen C, Scalzo A, Kreiss DS (2015). "Comparison of behaviors under Light versus Dark conditions in the neoclopramine rodent model of Obsessive Compulsive Disorder." Faculty for Undergraduate Neuroscience, Chicago, IL.
3. Kreiss D, Frank S, Craig K, Mulder H, Hyde A, and **Laiks L** (2014). "Neonatal exposure to clomipramine is a behavioral rat model of Obsessive Compulsive Disorder offering face validity as well as predictive validity for the GABA agonist diazepam, the serotonin uptake inhibitor fluoxetine, and the norepinephrine uptake inhibitor desipramine." Society for Neurosciences, Washington, DC.
4. Hyde A, Kasparson L, **Laiks L**, Craig K, Frank S, Mulder H, and Kreiss D (2014). "Neonatal exposure to clomipramine is a behavioral rat model of Obsessive Compulsive Disorder offering not only face validity, but also predictive validity for the GABA agonist diazepam, the norepinephrine uptake inhibitor desipramine, the serotonin uptake inhibitor fluoxetine, and the serotonin 5HT2 antagonist mianserin." Faculty for Undergraduate Neuroscience, Washington, DC.
5. Rettstatt E, Trychta K, Kasparson L, Krelko M, **Laiks L**, Panger J, Walsh A, and Kreiss D (2013). "Elevated Plus Maze behavior of rats neonatally exposed to clomipramine is dramatically altered by prior environmental experience". Society for Neurosciences, San Diego, CA.

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6. Kasparson L, Hyde A, **Laiks L**, Simmons Q and Kreiss D (2013). "Evaluation of a potential animal model of Obsessive Compulsive Disorder: Effects of mCPP upon exploratory and checking behaviors". Faculty for Undergraduate Neuroscience, San Diego, CA.
 7. **Laiks L** et. al. (2012). "The effects of serotonin uptake inhibitors on the behavior of rats neonatally treated with clomipramine: An animal model of Obsessive Compulsive Disorder?" Upstate NY Undergraduate Research Conference, Schenectady, NY

Research Experience

2012 - 2015	<i>Colgate University</i>	Behavioral neuroscience research exploring an animal model for obsessive compulsive disorder (OCD). Advisor: Deborah Kreiss, Ph.D.
2014	<i>Colgate University</i>	Cognitive neuroscience research exploring the effects of transcranial direct-current stimulation (tDCS) on visual perception. Advisor: Bruce Hansen, Ph.D.
2014	<i>Dartmouth College</i>	Cognitive computational neuroscience research studying the role of reward on attention and decision making. Advisor: Alireza Soltani, Ph.D.

Professional Memberships

2015 - Present	The Cajal Club
2013 - Present	Society for Neurosciences

Service

Department and University:

2016 - Present	Treasurer, Students for Advancing Neuroscience Discovery and Innovation (S.A.N.D.I.)
2015, 2016	Planner and Presenter, Women In Science and Engineering (W.I.S.E.)
2015 – Present	Undergraduate research mentor