

## Taylor J Templeton B.S.

Department of Physiology  
Louisiana State University Health Sciences Center  
New Orleans, LA 70112  
(858) 210-9881 · [ttemp2@lsuhsc.edu](mailto:ttemp2@lsuhsc.edu)

### Education

---

Louisiana State University Health Sciences Center, New Orleans, LA Ph.D. candidate	2017 – present
University of California Santa Barbara Bachelor of Science in Biopsychology	2011 – 2016

### Research Experience

---

Graduate Research Assistant, Louisiana State University Health Sciences Center New Orleans, LA Ph.D. Candidate Advisor: Nicholas W Gilpin, Ph.D.	2017 – present
Undergraduate Research Assistant, University of California, Santa Barbara Santa Barbara, CA Advisor: Karen K Szumlinski, Ph.D.	2015 – 2017
Undergraduate Research Assistant, University of California, Santa Barbara Santa Barbara, CA Advisor: Jonathan Schooler, Ph.D.	2014 – 2016

### Publications

---

1. Shin C.B., **Templeton T.J.**, Chiu A.S., Kim J., Gable E.S., Vieira P.A., Kippin T.E., Szumlinski K.K. (2018) Endogenous glutamate within the prelimbic and infralimbic cortices regulates the incubation of cocaine-seeking in rats. *Neuropharmacology*. 128: 293-300.
2. Avengo E.M., Kasten C.R., Synder W.B., Kelley L.K., Lobell T.D., Templeton T.J., Constans M., Wills T.A., Middleton J.W., Gilpin N.W. (2020) Alcohol dependence activates ventral tegmental area projections to central amygdala in male mice and rats. *Addiction Biology*.

### Poster Presentations

---

1. Shin, C.B., **Templeton, T.J.**, Gable, E.S., Chiu, A.S., Kim, J., Kippin, T.E., & Szumlinski, K.K. (2016) Manipulation of extracellular glutamate in the prelimbic and infralimbic cortices during the incubation of cocaine-craving. Poster presented at the Annual Society for Neuroscience Conference, San Diego, CA.

2. **Templeton, T.J.**, Gilpin, N.W. (2018) Selective activation of CRF neurons in the central amygdala reveals sex-dependent conditioned place aversion. Poster presented at the Greater New Orleans Society for Neuroscience, New Orleans, LA.
3. **Templeton, T.J.**, Weera M.M., Gilpin, N.W. (2019) Effects of central amygdala (CeA) corticotropin releasing factor (CRF) neuron activation & dorsal raphe (DRN) to CeA circuit activation on anxiety and aversion. Poster presented at Society for Neuroscience, Chicago, IL.
4. **Templeton, T.J.**, Weera M.M., Gilpin, N.W. (2019) Effects of central amygdala (CeA) corticotropin releasing factor (CRF) neuron activation & dorsal raphe (DRN) to CeA circuit activation on anxiety and aversion. Poster presented at Greater New Orleans Society for Neuroscience, New Orleans, LA.

### **Published Abstracts**

---

1. Shin, C.B., **Templeton, T.J.**, Gable, E.S., Chiu, A.S., Kim, J., Kippin, T.E., & Szumlinski, K.K. (2016) Manipulation of extracellular glutamate in the prelimbic and infralimbic cortices during the incubation of cocaine-craving. Poster presented at the Annual Society for Neuroscience Conference, San Diego, CA.
2. Shin, C.B., **Templeton, T.J.**, Gable, E.S., Chiu, A.S., Kippin, T.E., & Szumlinski, K.K. (2016) Manipulation of endogenous glutamate in the vmPFC during the incubation of cocaine-craving. Poster presented at the Addicted Brain and New Treatment Frontiers: Sixth Annual Aspen Brain Forum Conference, New York City, NY.
3. Shin, C.B., **Templeton, T.J.**, Gable, E.S., Chiu, A.S., Kippin, T.E., & Szumlinski, K.K. (2016) Protracted withdrawal from chronic cocaine: a role for mGlu2/3 receptors in the vmPFC. Poster presented at Experimental Biology Conference, San Diego, CA.
4. **Templeton, T.J.**, Weera M.M., Gilpin, N.W. (2019) Effects of central amygdala (CeA) corticotropin releasing factor (CRF) neuron activation & dorsal raphe (DRN) to CeA circuit activation on anxiety and aversion. Poster presented at Society for Neuroscience, Chicago, IL.

### **Awards and Honors**

---

#### *Academic Honors*

Dean's List, University of California, Santa Barbara, CA 2014 – 2016

### **Career Development Courses**

---

Bridges to the Baccalaureate summer program, San Diego State University Advisor: Maureen Gibbons-Paulini, Ph.D.	2014
Making the Transition to Graduate School in STEM UC Santa Barbara Student Resource Center for Gender and Sexual Diversity	2015
Safe Zone Training UC Santa Barbara	2016

Student Resource Center for Gender and Sexual Diversity

Steps to a Fulfilling Career in Science LSUHSC-NO Department of Physiology, Spitzer Award Seminar	2019
10 Rules of Work/Life Negotiation LSUHSC-NO Association for Women in Science	2019
Strategic Career Planning as a Woman in Science LSUHSC-NO Association for Women in Science	2019
Women in Science Luncheon: Networking as a Woman in Science Society for Neuroscience annual 2019 meeting Workshop	2019
Deconstructing Implicit Biases in the Workplace LSUHSC-NO Department of Physiology, Perspectives in Alcohol Research: Ethics Series	2019
Publishing with Integrity and Transparency LSUHSC-NO Department of Physiology	2020
Negotiating Offers and Making the Transition: Industry NIH Office of Intramural Training and Education	2020
Negotiating Offers and Making the Transition: Academia NIH Office of Intramural Training and Education	2020
Becoming a Resilient Scientist NIH Office of Intramural Training and Education	2020
Women in Science: How to Assist Women in Science Gordon Research Conference: Alcohol Annual 2020 meeting Workshop	2020
Adapting to Change LSUHSC-NO Campus Assistance Program	2020
Creating an Inclusive Environment in the Laboratory LSUHSC-NO, School of Medicine Office of Diversity and Community Engagement Workshop	2020
Perspectives Against Racism	2020

LSUHSC-NO  
Department of Physiology  
Summer Ethics Series

### **Professional Affiliations and Memberships**

---

Society for Neuroscience	2016 – Present
Association for Women in Science, Southern Louisiana Chapter	2017 – Present
American Physiology Society	2018 – Present
Research Society on Alcoholism	2018 – Present

### **Teaching**

---

Lecture: Pathophysiology of Stress Course: Nursing Pathophysiology LSUHSC-NO, School of Nursing	2019 – Present
---	----------------

Lecture: Bone and Calcium Regulation Program: Dental Hygiene LSUHSC-NO, School of Dentistry, Dental Hygiene	2020 – Present
---	----------------

Tutoring: Physiology Course: Nursing Physiology Course Tutor LSUHSC-NO, School of Nursing	2020
--	------

### **Invited Talks**

---

Selective Activation of CRF Neurons in the Central Amygdala Reveals Sex-dependent Conditioned Place Aversion Graduate Student Research Day LSUHSC-NO 3 minute talk	2018
---	------

Sexual Harassment in STEM and Academia Perspectives in Alcohol Research: Ethics Series LSUHSC-NO Seminar	2018
---	------

Anti-racism Perspectives Against Racism: Ethics Series LSUHSC-NO Department of Physiology Seminar	2020
--	------

### **Outreach and Service**

---

Campus Assistance Program Peer Advocate Liaison (PAL) <i>School of Graduate Studies - Department of Physiology PAL representative</i> <ul style="list-style-type: none"><li>- Assist with planning and organization of PAL resource fairs awareness on campus</li><li>- Currently serving as the Graduate School Department of Physiology PAL representative</li></ul>	2017 – Present
---	----------------

- Assist students as needed identify mental health resources
  - Refer students to on campus assistance programs for health and wellness
- Alcohol and Drug Abuse Center of Excellence (ADACE) Outreach 2018 – Present
- Distributed information about alcohol use disorder to members of the LSUHSC community
  - Arranged tables, food, and informative literature
- Association for Women in Science “SciFly” Speed Mentoring 2018
- Acted as a mentor to undergraduate and high school students in a speed mentoring design to answer questions about graduate school and assist them in determining their career path
- LSUHSC-NO Student Government Department of Physiology Representative 2018 – 2019
- Participated in Graduate Student Government meetings
  - Organized annual social event for graduate students with colleagues
- LSUHSC-NO Student Government Association President 2019 – 2020
- Organized student government meetings and agendas
  - Communicated student concerns to administrative parties
  - Worked with administrators and faculty to improve graduate student wellbeing
  - Assisted with planning new student orientation
  - Managed graduate student activities in coordination with campus clubs, other student government officers, and faculty
  - Delegated student fees to provide students with a new poster printer
  - Lead initiative to secure a graduate student ombudsperson
  - Developed social media presence for organization to distribute pertinent information regarding upcoming events and current affairs on campus
- Department of Physiology community outreach with Habitat for Humanity 2019
- Assisted with housing construction through Habitat for Humanity
  - Utilized building experience to further community outreach project with colleagues and members of the community
- Association for Women in Science “B.I.G.” Girl Scout Science Outreach 2019
- Participated in the Girl Scout “Believe In Girls” outreach day
  - Conducted demonstrations of science lab techniques to Girl Scouts ages 5-12 years old
  - Instructed Girl Scouts as they performed featured techniques (i.e. pipetting demonstration, microscope use)
- ADACE Retreat Planning Committee 2019
- Assisted with planning the semiannual ADACE retreat
  - Worked as a team with faculty to organize speakers and presentations
  - Coordinated logistics of on-campus event planning