

Curriculum Vitae
Jennifer T. Legault

Office:
455 Moore Building
The Pennsylvania State University
State College, PA 16802
Office phone: (814) 865-5432
<http://blclab.org/jennifer-legault/>

jtl190@psu.edu

Research Interests

Neuroimaging, Second language acquisition and processing, Learning and memory

Educational Degrees

Ph.D Candidate in Neuroscience The Pennsylvania State University Supervisor: Dr. Ping Li, Professor of Psychology, Linguistics, and Information Sciences and Technology	2012-present
Master Degree of Science-Neuroscience Tulane University of Louisiana Supervisor: Dr. Harry Howard, Associate Professor of Theoretical Linguistics	2010-2011
Bachelor Degree of Science-Neuroscience Tulane University of Louisiana Minor in Studio Art	2007-2010

Publications

Grant, A., **Legault, J.**, & Li, P. (in press). What do bilingual models tell us about the neurocognition of multiple languages? In Heredia, R.R. & Cieślicka, A.B.(Eds). *The Bilingual Brain, Unwrapped*. Psychology press.

Li, P., Chaby, L. E., **Legault, J.**, & Braithwaite, V. A. (2015). *Brain 3M--A New Approach to Learning about Brain, Behavior, and Cognition*. International Association for the Development of the Information Society.

Lan, Y., Fang., S., **Legault, J.**, Li, Ping. (2015). Second language acquisition of Mandarin Chinese vocabulary: Context of learning effects. *Educational Technology Research & Development*, 63, 5, 671-690.

Li, P., **Legault, J.**, & Litcofsky, K. A. (2014). Neuroplasticity as a function of second language learning: Anatomical changes in the human brain. *Cortex*, 58, 301-324.

Feng, S., **Legault, J.**, Yang, L., Zhu, J., Shao, K., & Yang, Y. (2014). Differences in grammatical processing strategies for active and passive sentences: An fMRI study. *Journal of Neurolinguistics*, 33, 104-117.

Grants and Awards

Outstanding Student Leadership Award	2016
Center for Brain, Behavior, and Cognition Travel Award	2016
Graduate Advisor to the Huck Institutes Fellowship	2015-2016
J. Lloyd Huck Graduate Dissertation Research Award	2014

Supplemental Educational Opportunity Grant (SEOG)	2010-2011
Distinguished Scholars Award	2007-2010
Phi Theta Kappa Achievement Award	2006-2007

Conference Presentations

- Legault, J.**, Fang, S-Y., Ahmed, Y., Lan, Y-J., Li, P. Cortical Thickness Changes with Short-term Second Language Vocabulary Learning. Poster presented at the Society for Neurobiology of Language, August 18, 2016.
- Legault, J.**, Litcofsky, K.A., Li, P. Structural Brain Correlates of Mathematical Processing in Bilinguals. Poster presented at the Cognitive Neuroscience Society conference, April 2016.
- Legault, J.**, Fang, S., Lan, Y., Li, P. Gray Matter Changes as a Function of Second Language Vocabulary Learning. Poster presented at the Cognitive Neuroscience Society conference, March 30, 2015.
- Scherf, S., **Legault, J.**, Turney, I., Elbich, D., Minshew, N., Berhmann, M. Axial Diffusivity in the ILF and IFOF is Related to Autism Symptom Severity. Poster presented at the Vision Sciences Society, March 27, 2015.
- Legault, J.**, Fang, S., Wang, S., Lan, Y., Li, P. Functional and Anatomical Changes in Second Language Learning. Poster presented at the Society for the Neurobiology of Language, September 28, 2014.

Teaching Experience

Course instructor for Psych 260: Neurological Bases of Human Behavior	Spring 2017
TA for Psych 260: Neurological Bases of Human Behavior	Fall 2016
Invited Instructor: Functional MRI Analyses of Second Language Learning	Spring 2015
TA and Lab instructor for Psych 301W-Basic Research Methods in Psychology	Fall 2013 - Spring 2015

Invited Talks

Legault, J. (August, 2015). Structural MRI Analyses. Collaborative Innovation Center for Language Ability, Jiangsu Normal University, China.

Lab Experience

The Pennsylvania State University Graduate Researcher: Brain, Language, and Computation Lab	2013- present
Tulane University of Louisiana Graduate Researcher: Human Language Technology Lab	2010-2011

Manuscript Reviewer

Journal of Neurolinguistics	Summer 2016
Brain Structure and Function	Spring 2016
Journal of Neurolinguistics	Spring 2015
Journal of Neurolinguistics	Fall 2014

Administrative Experience

Resident Advisor: Josephine Louise Hall Dormitory at Tulane University 2008-2011

Service

Co-President of the Life Science Symposium 2016-2017
Chair of the Huck Graduate Student Advisory Committee 2015-present
Vice President of NSS-Neuroscience Student Society at PSU 2014-2015
Co-Coordinator of the student Center for Brain, Behavior, and Cognition group 2013- present
Co-editor of the Neuroscience Newsletter 2013- present

Membership in Professional Societies and Organizations

The Cognitive Neuroscience Society 2015- present
The Society for Neurobiology of Language 2014-present
The Center for Language Science 2014-present
Psi Chi-International Honor Society in Psychology 2013- present

Languages

French Native
English Native