

**CURRICULUM VITAE****Chantel S. Prat**

Cognition and Cortical Dynamics Laboratory  
University of Washington  
Department of Psychology &  
Institute for Learning & Brain Sciences and  
Box 351525  
Seattle, WA 98195-1525  
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**EDUCATION**

Ph. D. in Cognitive Psychology, University of California, Davis, June 2004

*Dissertation*: Hemispheric Differences in Discourse Representation: Insight into Right Hemisphere Discourse Processes

M.A. in Cognitive Psychology, University of California, Davis, September 2001

B.A. in Psychology, University of California, San Diego, June 1997

**ACADEMIC EMPLOYMENT**

September 2015 - present	Associate Professor; Cognition and Perception Area Head, Department of Psychology & Institute for Learning and Brain Sciences, University of Washington, Seattle; Affiliate Positions in the Department of Linguistics and Neuroscience
September 2010 – 2015	Assistant Professor, Department of Psychology and Institute for Learning and Brain Sciences, University of Washington, Seattle
July 2008 – August 2010	Special Research Faculty, Department of Psychology, Carnegie Mellon University
June 2005 – June 2008	Postdoctoral Fellow, Center for Cognitive Brain Imaging, Carnegie Mellon University
June 2004 – September 2005	Lecturer, University of California, Davis
January 2005 – June 2005	Instructor, California State University, Sacramento
June 2003 – August 2003	Summer Lecturer, University of California, Davis
June 2000 – September 2003	Research & Teaching Assistant, University of California, Davis
September 1997 – June 1999	Staff Research Associate, Center for Research in Language, University of California, San Diego
September 1996 – 1997	Research Assistant, Center for Research in Language, University of California, San Diego

## GRANTS

### Currently Funded

ONR: Prat (PI) 06/01/17-5/31/20  
 “Learning Complex Cognitive Skills: Bridging Neuroscience and Education through Individual Differences Research”  
 This grant is aimed at investigating the neurocognitive basis of individual differences in complex skill acquisition, with the goal of bridging basic neuroscientific research with applications for screening and training military personnel.

ONR Cognitive Science of Learning Prat (PI) 3 years  
 Individual Differences in Complex Skill Learning: Relating Natural Language Learning to Learning Programming Languages”

### Previously Funded

K99/R00 DC009634 09/01/08-08/31/13  
 “Cortical Dynamics of Language Processes in Normal and Impaired Individuals”  
 The goal of this project is to uncover the neural underpinnings of individual differences in language comprehension abilities. Specifically, the project compares alternative theories of individual differences in language abilities using three different methodologies: functional neuroimaging, transcranial magnetic stimulation, and computational cognitive modeling.  
 Role: PI

Keck Foundation Prat (Co-PI) 07/31/14-7/30/19  
 “Advancing Human Brain to Brain Communication Capabilities”  
 This grant is aimed at advancing technologies involved in decoding and encoding information in the human brain, non-invasively.

National Institute of Health, Health Disparities Loan Repayment Program  
 2009-2014

ONR:11295342 06/01/14-8/31/17  
 “Training the Mind and Brain: Investigating Individual Differences in the Ability to Learn and Benefit Cognitively from Language Training”  
 This grant is aimed at investigating individual differences in the ability to learn a second language and the cognitive and neural benefits that arise from such training.  
 Role: PI

Royalty Research Fund 03/01/2016-2/28/2018  
 “Using Brain-Targeted Training to Improve Reading Comprehension: A Neuro-Feedback Approach.”  
 This grant is aimed at improving reading through attention-focused neurofeedback training  
 Role: PI

## HONORS AND AWARDS

Tom Trabasso Young Investigator Award, Society for Text and Discourse, 2011

NIH NRSA Fellowship, Carnegie Mellon University, 2005-2007

Davis Honors Challenge Research Award, \$1000, University of California, Davis, March 2004

Davis Honors Challenge Research Award, \$1000, University of California, Davis, December 2004

Elliott Fellowship, \$15,000, Office of Graduate Studies, University of California, Davis, 2003-2004

Humanities Graduate Research Award, \$1,500, University of California, Davis, 2003-2004

### PROFESSIONAL MEMBERSHIPS

Human Brain Mapping, Society for Text & Discourse, Cognitive Neuroscience Society, Society for the Neurobiology of Language

### PROFESSIONAL SERVICE

Governing Board: Society for Text and Discourse (2015-present)

Editorial Board: Discourse Processes (2015-present)

Editorial Assistant: Psychological Bulletin (2005-2008)

Ad Hoc Reviewer: Psychological Bulletin, Proceedings of the National Academy of Sciences, Journal of Cognitive Neuroscience, Human Brain Mapping, Cerebral Cortex, Neuropsychologia, NeuroImage, Learning & Individual Differences, PLoS ONE, Physics of Life Reviews, Journal of Experimental Psychology: Learning, Memory, and Cognition, Journal of Neuroscience, Frontiers in Psychology, Journal of Memory and Cognition, Cognitive Development, Acta Psychologica, Bilingualism, Language, and Cognition

National Grant Review: NIH LCOM Panel June 2018; September 2019; NIH F31/32 Special Panel in Language Review 2018; NSF Panel Review 2018; NSF Ad Hoc Review, ongoing

Program Committee: Society for Text and Discourse, Chicago, August, 2014; Minneapolis, 2015  
Current Trends in Reading Research Meeting, Madrid, September 2013.

Young Investigator Committee: Society for Text and Discourse, 2013-Present

### PUBLICATIONS

**Journal Articles** (\* denotes that the author is a trainee)

Stocco, A., **Prat**, C. S., & Graham, L. K. (revision under review). Individual differences in reinforcement learning predict fluid reasoning abilities. *Cognitive Science*.

Seo\*, R., & **Prat**, C. S. (under revision). Investigating Local and Global Control Mechanisms in Bilingual Grammatical Processing. *Journal of Experimental Psychology, Language, Memory, and Cognition*.

- MacInnes, J. J., Adcock, A., Prat, C. S. Rao, R. P. N., Dickerson, K. C., & Stocco, A. (revision under revision). Pyneal: Open Source Real-time fMRI Software. *Frontiers in Neuroscience-Brain Imaging Methods*.
- Bice, K., Yamasaki, B. L., & Prat, C. S. (in press). Bilingual Language Experience Shapes Resting-State Brain Rhythms. *Neurobiology of Language*.
- Yamasaki, B. L., & Prat, C. S. (in press). Predictors and Consequences of Individual Differences in Cross-Linguistic Interactions: A Model of Second Language Reading Skill. *Bilingualism: Language and Cognition*.
- Prat, C. S. Madhyastha, T., Mottarella\*, M. M., & Kuo\*, C. (2020). Computer Whisperers: Programming Aptitude is more related to Language than to Numeracy. *Scientific Reports*.
- Ceballos\*, J.M., Stocco, A., & Prat, C. S. (2020). The Role of Basal Ganglia Reinforcement Learning in Lexical Ambiguity Resolution. *Topics in Cognitive Science*, 12 (1), 402-416.
- Zhou\*, P., **Prat**, C. S., Yamasaki\*, B. L., & Stocco, A. (2020). Monitoring of Attentional Oscillations Through Spectral Similarity Analysis Predicts Reading Comprehension. *Brain and Language*, 200, 104709.
- Yamasaki\*, B. L., Stocco, A., Liu, A. S., & **Prat**, C. S. (2019). Effects of bilingual language experience on basal ganglia computations: A dynamic causal modeling test of the conditional routing model. *Brain and Language*, 197, 104665.
- Seo\*, R. & **Prat**, C. S. (2019). Proactive and Reactive Language Control in the Bilingual Brain. *Brain Sciences*, 9(7), 161.
- Jian, L., Stocco, A., Losey, D. M., Abernethy, J. A., Prat, C. S., & Rao, R. P. N. (2019). BrainNet: A Multi-Person Brain-to-Brain Interface for Direct Collaboration Between Brains, *Scientific Reports*, 9(1), 6115.
- Prat**, C. S., Yamasaki\*, B. L., & Peterson\*, E. R. (2019). Individual Differences in Resting-State Brain Rhythms Uniquely Predict Second Language Learning Rate and Speaking Accuracy in Adult Learners. *Journal of Cognitive Neuroscience*, 31(1), 78-94.
- Seo\*, R., Stocco, A., & **Prat**, C. S. (2018). The Bilingual Language Network: Differential Involvement of Anterior Cingulate, Basal Ganglia and Prefrontal Cortex in Preparation, Monitoring, and Execution. *Neuroimage*, 174, 44-56.
- Yamasaki\*, B. L., Stocco, A., & **Prat**, C. S. (2018). Relating individual differences in bilingual language experiences to executive attention. *Language, Cognition, and Neuroscience*, 1-24.
- Stocco, A., Yamasaki\*, B. L., & **Prat**, C. S. (2018). Human performance across decision making, selective attention, and working memory tasks: Experimental data and computer simulations. *Data in Brief*, 17, 907-914.

- Mehravari\*, A. S., Emmorey, K., **Prat**, C. S., Klarman, L., & Osterhout, L. (2017). Brain-Based Individual Difference Measures of Reading Skill in Deaf and Hearing Adults. *Neuropsychologia*, *101*, 153-168.
- Stocco, A., Murray\*, N., L. Yamasaki\*, B. L., Renno\*, T., J., Nguyen\*, J., & **Prat**, C. S. (2017). Individual differences in the Simon effect are underpinned by differences in competitive dynamics in the basal ganglia: An experimental verification and a computational model. *Cognition*, *164*, 31-45.
- Prat**, C. S., Stocco, A., Neuhaus, E., & Kleinhans, N. K. (2016). Basal ganglia impairments lead to abnormal signal routing to prefrontal cortex in autism spectrum disorder. *Neuropsychologia*, *91*, 268-281.
- Prat**, C. S., Yamasaki, B.Y., Kluender, R., and Stocco, A. (2016). Resting-State EEG Predicts Rate of Second Language Learning in Adults. *Brain and Language*, *157*, 44-50.
- Becker, T. M., **Prat**, C. S., & Stocco, A. (2016). A Network-Level Analysis of Cognitive Flexibility Reveals Differential Influence of the Anterior Cingulate Cortex in Bilinguals versus Monolinguals, *Neuropsychologia*, *85*, 62-73.
- Yang, Y., Tompkins, C., Meigh, K., & **Prat**, C. S., (2015). Voxel-based lesion symptom mapping of coarse coding and suppression deficits in right-hemisphere-damaged patients. *American Journal of Speech-Language Pathology*, *24*(4), S939-S952.
- Stocco, A., **Prat**, C.S., Losey, D. Cronin, J., Wu, J., Abernethy, J. A., & Rao, R. P. N. (2015). Playing 20 Questions with the Mind: Collaborative Problem Solving by Humans using a Brain-to-Brain Interface. *PLOS One*. *Plos One*, *10* (9).
- Rao, R. P. N., Stocco, A., Bryan, M., Sarma, D. Yongquist, T., Wu, J., & **Prat**, C. S. (2014). A Direct Brain-to-Brain Interface in Humans. *PLOS One*, *9* (11).
- Yamasaki\*, B. L. & **Prat**, C. S. (2014). The importance of managing interference for second language reading ability: An individual differences investigation. *Discourse Processes*, *51*, 445-467.
- Stocco, A., & **Prat**, C. S. (2014). Bilingualism trains specific brain circuits involved in flexible rule selection and application. *Brain and Language*, *137*, 50-61.
- Stocco, A., Yamasaki\*, B., Natalenko\*, R., & **Prat**, C. S. (2014). Bilingual brain training: A neurobiological framework of how bilingual experience improves executive function. *International Journal of Bilingualism*, *18*(1), 67-92.
- Mason, R. A., **Prat**, C. S., & Just, M. A. (2014). Neurocognitive brain response to transient impairment of Wernicke's area. *Cerebral Cortex*, *24*(6), 1474-1484.
- Buchweitz, A. & **Prat**, C. S. (2013). Pushing the boundaries of language in the bilingual brain: A reply to commentary on "The bilingual brain: Flexibility and control in the human cortex," *Physics of Life Reviews*, *10*(4), 454.

- Buchweitz, A. & **Prat**, C. S. (2013). The bilingual brain: Flexibility and control in the human cortex, *Physics of Life Reviews*, 10(4), 428-443.
- Prat**, C. S., Mason, R. A., & Just, M. A. (2012). An fMRI investigation of analogical mapping in metaphor comprehension: The influence of context and individual cognitive capacities on processing demands. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 38(2), 282-294.
- Prat**, C. S., & Stocco, A. (2012). Information routing in the basal ganglia: Highways to abnormal connectivity in autism? Comment on “Disrupted cortical connectivity theory as an explanatory model for autism spectrum disorders” by Kana et al. *Physics of Life Reviews* 9:11(1), 1-2.
- Prat**, C. S. (2011). The brain basis of individual differences in language comprehension abilities. *Language and Linguistic Compass*, 5(9), 635-649.
- Prat**, C. S. & Just, M. A. (2011). Exploring the cortical dynamics underpinning individual differences in sentence comprehension. *Cerebral Cortex*, 21, 1747-1760.
- Prat**, C. S., Mason, R. A., & Just, M. A. (2011). Individual differences in the neural basis of causal inferencing. *Brain and Language*, 116, 1-13.
- Long, D. L., **Prat**, C. S., Johns, C. L., Morris, P. E., & Jonathan, E. (2008). The importance of knowledge in vivid text memory: An individual-differences investigation of recollection and familiarity. *Psychonomic Bulletin and Review*, 15(3), 604-609.
- Long, D. L., & **Prat**, C. S. (2008). Individual differences in syntactic ambiguity resolution: Readers vary in their use of plausibility information. *Memory and Cognition*, 36(2), 375-391.
- Prat**, C. S., Keller, T. A., & Just, M. A. (2007). Individual differences in sentence comprehension: An fMRI investigation of syntactic and lexical processing demands. *Journal of Cognitive Neuroscience*, 19(12), 1950-1963.
- Prat**, C. S., Long, D. L., & Baynes, K. (2007). The representation of discourse in the two hemispheres: An individual differences investigation. *Brain and Language*, 100(3), 283-294.
- Long, D. L., Wilson, J., Hurley, R., & **Prat**, C. S. (2006). Assessing reader’s text representation with recognition: The interaction of prior knowledge and text coherence. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 32(4), 816-827.
- Mills, D., Plunkett, K., **Prat**, C. S., & Schaffer, G. (2005). Watching the infant brain learn words: Effects of vocabulary size and experience. *Cognitive Development*, 10, 19-31.
- Long, D. L., Baynes, K., & **Prat**, C. S. (2005). The propositional structure of discourse in the two cerebral hemispheres. *Brain and Language*, 95(3), 383-394.

- Mills, D. L., **Prat**, C. S., Zangl, R., Stager, C. L., Neville, H. J., & Werker, J. F. (2004). Language experience and the organization of brain activity to phonetically similar words: ERP evidence from 14- and 20-month-olds. *Journal of Cognitive Neuroscience*, *16*(8). 1452-1464.
- Long, D. L., & **Prat**, C. S. (2002b). Memory for Star Trek: The role of prior knowledge in recognition revisited. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *28* 1073-1082.
- Long, D. L., & **Prat**, C. S. (2002a). Working memory and Stroop interference: An individual differences investigation. *Memory & Cognition*, *30*, 294-301.

### Book Chapters

- Prat**, C. S., Seo\*, R., & Yamasaki\*, B. L. (2015). The role of individual differences in working memory capacity on reading comprehension ability in P. Afflerback (Ed). *Handbook of Individual Differences in Reading: Text and Context*.
- Prat**, C. S., & Yamasaki\*, B. L. (2015). The cognitive and neural correlates of individual differences in inferential processes. A. Cook, B. Lorch, & E. O'Brien (Eds). *Inferences during Reading*, p. 210-227.
- Prat**, C. S. (2012). The neural basis of language faculties. In I. B. Weiner (Ed), *Handbook of Psychology, Volume Three: Biological Psychology and Neuroscience*. Wiley.
- Long, D. L., Baynes, K., & **Prat**, C. S. (2003). Sentence and discourse representation in the two cerebral hemispheres. In C. Perfetti & F. Schmalhofer (Eds.), *Higher-level language processes in the brain*. Erlbaum: NJ.

### INVITED PRESENTATIONS

#### Invited International Colloquia and Outreach Events

- Prat**, C. S., Stocco, A., Nicolelis, M., Yoo, S. *Mind Melds and Brain Beams*, World Science Festival, New York, NY (streamed worldwide) June 4, 2016  
<https://www.youtube.com/watch?v=SObhSqYglvQ>
- Prat**, C. S. *Understanding the shared neural computations underpinning language and executive functioning. Keynote Address* delivered at the Association for Computational Linguistics, Sofia, Bulgaria, August 9, 2013
- Prat**, C. S. *Individual differences in right hemisphere contributions to discourse*. Tom Trabasso Award Recipient Address at the annual meeting for the Society for Text and Discourse, Montreal, Canada, July 11-13, 2012
- Prat**, C. S. *Individual differences in language experience and working memory capacity in the dynamic brain*. Address at the annual meeting for Multilingual Individuals in Multilingual Societies. Hamburg, Germany, October 2010.

### **Selected Invited Domestic Colloquia and Courses**

- Prat, C. S.** (2017, 2018). *Off to a good start. Practices that support teaching.* Lecture delivered to newly hired faculty at UW Faculty Fellows training.
- Prat, C. S.** (2016, 2017). *Making the most of it. Creating a successful classroom experience.* Lecture delivered to incoming Freshman parents at UW new student orientation.
- Prat, C. S.** (2017). *Using neuroscience to guide human resource practices: Breakthrough scientific advances or questionable marketing hype?* Portland Industrial & Organizational Psychology Association Meeting, Portland, OR.
- Prat, C. S.** (2015). *Why are people good at things? The cognitive neuroscience of individual differences.* IBM Research, New York.
- Prat, C. S.** (2014). *The neuroscience of good decision making.* Allen L. Edwards Psychology Public Lecture Series, University of Washington, Seattle, WA.  
[https://www.youtube.com/watch?v=qO4C\\_FqNjvg](https://www.youtube.com/watch?v=qO4C_FqNjvg)
- Prat, C. S.** (2013). *Current directions in neuroimaging of language and language-related disorders.* Morning workshop at the annual meeting for the Organization for Human Brain Mapping, Seattle, WA.
- Prat, C. S.** (2012). *Individual differences in the neural basis of language and general comprehension abilities.* Educating Diverse Minds conference, Boston, MA.
- Prat, C. S.** (2012). *Bilingual brain training: How bilingual development gives rise to improved executive functioning.* Department of Linguistics, University of Hawaii, HI, April 16, 2012.

### **SELECTED CONFERENCE PRESENTATIONS**

(asterisks indicate presentations made by trainees)

- Ceballos\*, J.M., Stocco, A., & Prat, C. S. (2019). The Role of Basal Ganglia Reinforcement Learning in Lexical Priming and Automatic Semantic Ambiguity Resolution. In A. Goel., C. Freisert, & C. Freska (Eds.) *Proceedings of the 41st Annual Meeting of the Cognitive Science Society*, pp. 205–211. [Winner of the Marr prize for best student paper]
- Prat, C., Mottarella, M., & Yamasaki, B. (2018). Working memory filtering and individual differences in second language aptitude. Society for Neurobiology of Language, Quebec City, August, 2018.
- Prat, C., & Yamasaki, B. (2018). Resting-state qEEG reveals intrinsic network differences between monolingual and bilingual adults, *The Bilingual Brain, A Lifelong Perspective*, Quebec City, August, 2018.
- Zhou, P., **Prat, C.**, Yamasaki\*, B., & Stocco, A. (2018). A wandering mind is not a good comprehending mind: Evidence from brain oscillations. Poster presentation at CUNY
- Prat, C. S.** & Yamasaki\*, B. L., (2017). *A Neural Information Processing Account of Individual Differences in Reading Skill.* Spoken Presentation given at the Society for Text and Discourse annual conference, Philadelphia, PA.



- Seo\*, R., Ceballos\*, J. M., & **Prat**, C. S. (2017) *A DCM Analysis: Role of the Caudate Nucleus and Prefrontal Cortex in Bilingual Language Control*. Poster Presentation at the Society for the Neurobiology of Language, Baltimore, MD.
- Yamasaki\*, B. L. Ceballos\*, J. M., & **Prat**, C. S. (2017) *The Role of Basal Ganglia Filtering Mechanisms in Second Language Aptitude*. Poster Presentation at the Society for the Neurobiology of Language, Baltimore, MD.
- Ceballos\*, J. M., Yamasaki\*, B. L. & **Prat**, C. S. (2017) *Context-dependent filtering in the Caudate Nucleus of the Basal Ganglia as a Predictor of Second-Language Learning Aptitude*. Poster Presentation at the Society for the Neurobiology of Language, Baltimore, MD.
- Prat**, C. S., Yamasaki\*, B. L., & Stocco, A. (2015). *Measuring changes in brain and behavior following second language training*. Poster Presentation at the Organization for Human Brain Mapping, Honolulu, HI.
- Ceballos\*, J. M., Stocco, A., Becker\*, T., Yamasaki\*, B. L., & **Prat**, C. S. (2015). *The Cognitive Neuroscience of Preparatory Processes: Controlling for Execution in Executive Function*. Poster Presentation at the Organization for Human Brain Mapping, Honolulu, HI.
- Prat**, C. S., Mason, R. A., Escudero, I., Leon, J., & Just, M. (2015). *Why Smoke Doesn't Always Lead To Fire: Investigating the Neural Basis of Individual Differences in Predictive Inference Making*. Spoken Presentation at the Society for Text and Discourse, Minneapolis, MN.
- \*Yamasaki, B. L. & **Prat**, C. S. (2015) *Cortical Dynamics and Individual Differences in Reading: Relating Beta Oscillations with Reading Skill*. Oral presentation given at the 25th Annual Meeting of the Society for Text and Discourse Minneapolis, Minnesota
- Prat**, C. S., Yamasaki, B. L., Ceballos, J. M., & Seo, R. (2015). *Relating the demands of bilingual language control to inhibition: An individual difference approach*. Bilingualism and Executive Functioning Workshop, New York, NY.
- Prat**, C. S., & Stocco, A. (2014). *Individual Differences in Right Hemisphere Language Contributions: A Transcranial Magnetic Stimulation Investigation*. Society for Neurobiology of Language, Amsterdam, The Netherlands
- \*Seo, R., Stocco, A., \*Ceballos, J. & **Prat**, C. S., (2014). *Linguistic Rule Representations in the Bilingual Brain*. Society for Neurobiology of Language, Amsterdam, The Netherlands
- \*Yamasaki, B. L., Stocco, A., & **Prat**, C. S., (2014). *The Neural Correlates of Individual Differences in Bilingual Language Control*. Society for Neurobiology of Language, Amsterdam, The Netherlands
- \*Yamasaki, B. L., & **Prat**, C. S. (2013). *Individual differences in executive functioning and language control indices predict second language reading ability*. Poster presentation at the annual meeting of the Society for Text and Discourse, Valencia, Spain.
- Stocco, A., & **Prat**, C. S. (2012). *Bilingualism trains specific brain circuits involved in the rapid reconfiguration of behavior: Evidence from rapid instructed task learning*. Oral presentation given at the Architectures and Mechanisms for Language Processing Conference, Riva del Garda, Italy.

- Prat, C. S., Stocco, A., & Yamasaki, B. L. (2012).** *Bilingual brain training: Investigating the overlap between language switching and general set switching in bilinguals.* Poster presentation given at the Architectures and Mechanisms for Language Processing Conference, Riva del Garda, Italy.
- Stocco, A., **Prat, C. S.,** Kleinhans, N., & Martin (2012). *Impaired information routing in the basal ganglia in individuals with autism.* Poster presentation at the Forum of European Neurosciences Forum of Neuroscience in Barcelona, Spain
- Prat, C. S.,** Mason, R. A. , and Just, M. A. (2010). *Right hemisphere contributions to reading: A multi-experiment individual differences investigation.* Poster presented at the annual meeting for the Organization for Human Brain Mapping, Barcelona, Spain.
- Prat, C. S.,** Schipul, S. E., Keller, T. A., and Just, M. A. (2010). *A diffusion tensor imaging investigation of individual differences in white matter microstructure as a function of reading skill and working memory capacity.* Talk presented at the annual meeting of the Cognitive Neuroscience Society, Montreal, Canada.
- Prat, C. S. & Mason, R. A. (2009).** *An fMRI investigation of individual differences in neural resource allocation during sentence comprehension.* Poster session presented at the annual meeting for the Organization for Human Brain Mapping, San Francisco, CA.
- Prat, C. S.,** Mason, R. A., Keller, T. A., & Just, M. A. (2008). *fMRI-based insights into the neural underpinnings of individual differences in reading skill.* Poster session presented at the annual meeting for the Organization for Human Brain Mapping, Melbourne, Australia.
- Prat, C. S. & Just, M. A. (2008).** *An fMRI Investigation of neural adaptability as a function of individual working memory capacity and task demands during syntactic processing.* Poster session presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Prat, C. S.,** Stager, C., Mitchell, T., Adamson, A., & Sanders, L. (1999). *Semantic processing of phonetically similar words in infants: Indications from event-related potentials.* Poster session presented at the biannual meeting of the Society for Research in Child Development, Albuquerque, NM.
- Utman, J., Dick, F., **Prat, C. S.,** & Mills, D. (1999). *Effects of acoustic distortion and semantic context on event-related potentials to spoken words.* Poster session presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Schafer, G., Mills, D. L., Plunkett, K., Appelbaum, L. G., & **Prat, C. S. (1997).** *Rapid word learning: Evidence from electrophysiological studies.* Poster session presented at the biannual meeting of the Society for Research in Child Development, Washington, D.C.

#### UNIVERSITY AND DEPARTMENTAL SERVICE

Cognition and Perception Area Head 2015-2016, 2017-current  
 Chair Search Speech and Hearing Sciences 2019  
 Chair Promotion Committee for Tabitha Kirkland 2019  
 Royalty Research Fund Grant Reviewer, 2013-2018  
 Animal Behavior Search Committee 2015  
 Edwards Lecturer and host for Randal O'Reilly, The Neuroscience of Good Decision Making, 2014

Graduate Training & Milestone Revision Committee, 2013-2014  
Psychology Undergraduate Curriculum Committee, 2010-2013  
Psychology Improvement and Evaluation of Teaching Committee, 2014-Present  
Psychology IRB Exemption Review Committee 2012-2014  
Psychology Higher-Level Cognition Colloquium Coordinator 2012-Present

### SELECTED MEDIA MENTIONS

#### **Media Covering Brain to Brain Interfacing:**

I am Human Documentary Released at Tribeca Film Festival May 2019.

<https://www.iamhumanfilm.com/>

Rolling Stone Magazine

<https://www.rollingstone.com/culture/culture-news/brain-to-brain-social-networks-coming-soon-732136/>

Discover Magazine, #1 Neuroscience story of 2013

<http://discovermagazine.com/2014/jan-feb#.UsWn7vRDuSp>

CNN, Top 10 Ideas to Change The World (2013)

<http://www.cnn.com/interactive/2013/12/tech/cnn10-ideas/>

New York Times

[http://bits.blogs.nytimes.com/2013/08/27/researcher-controls-another-persons-brain-over-the-internet/?\\_php=true&\\_type=blogs&\\_php=true&\\_type=blogs&\\_r=1&](http://bits.blogs.nytimes.com/2013/08/27/researcher-controls-another-persons-brain-over-the-internet/?_php=true&_type=blogs&_php=true&_type=blogs&_r=1&)

Seattle Times

[http://seattletimes.com/html/ronjudd/2021724036\\_juddwrap01xml.html](http://seattletimes.com/html/ronjudd/2021724036_juddwrap01xml.html)

USA Today (Front Page)

<http://www.usatoday.com/story/tech/sciencefair/2013/08/27/human-brain-remote/2709143/>

MSN

<http://now.msn.com/human-mind-control-could-be-soon-a-reality>

NBC NEWS

<http://www.nbcnews.com/science/scientist-hooks-his-brain-take-control-video-gamers-finger-8C11015078>

#### **Media Covering Bilingualism and Second Language Research**

Scientific American

<https://www.scientificamerican.com/article/some-people-s-brains-are-wired-for-languages/>

<http://www.psmag.com/navigation/health-and-behavior/language-trains-brain-math-91289/>

#### **Media Covering my Teaching**

<https://www.youtube.com/watch?v=GKd0k3JJmvc>