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### Contact and Personal Information:

Department of Psychology &  
Center for Brain, Behavior, and Cognition &  
Institute for CyberScience  
Pennsylvania State University  
University Park, PA 16802, USA  
Tel: (814) 863-3921 (office)  
(814) 867-2273 (lab)  
Fax: (814) 863-8882  
E-mail: pul8@psu.edu  
<http://blclab.org>

### Education and Professional Preparation

- 1992** Post-doctoral fellow  
McDonnell-Pew Center for Cognitive Neuroscience, San Diego, USA
- 1990-1992** Post-doctoral fellow  
Center for Research in Language, University of California, San Diego, USA
- 1990** Ph.D. in Psycholinguistics, University of Leiden, The Netherlands  
(graduate training at the Max Planck Institute for Psycholinguistics)
- 1986** M.A. in Theoretical Linguistics, Peking University, China
- 1983** B.A. in Chinese Linguistics, Peking University, China

### Employment History

- 2008-present** Professor of Psychology, Linguistics, & Information Sciences & Technology  
Pennsylvania State University, Pennsylvania, USA  
Associate Director, Institute of CyberScience (2014-present)  
Co-Hire, Institute of CyberScience (2018-present)  
Director, Laboratory for Brain, Language, and Computation  
Co-Chair, Inter-College Graduate Program in Neuroscience (2010-2015)  
Co-Director, Center for Brain, Behavior, & Cognition (2012-present)  
Department of Psychology (primary appointment, with tenure)  
Program in Neuroscience (graduate faculty appointment)  
Program in Linguistics (affiliate faculty appointment)

Program in Asian Studies (affiliate faculty appointment)  
College of Information Sciences and Technology (affiliate faculty appointment)

- 2014 (Apr-Aug)** External Expert, Cognitive Neuroscience Program, National Science Foundation
- 2014-2015** Visiting Chair Professor, College of Education, National Taiwan Normal University, Taipei, Taiwan
- 2015-2016** Visiting Distinguished Chair Professor, College of Education, National Taiwan Normal University, Taipei, Taiwan
- 2016-2018** Visiting Professor, Dept. of Biomedical Engineering, College of Medicine, Shenzhen University, Shenzhen, China
- 2015-2017** Visiting Changjiang Scholar Chair Professor (长江学者讲座教授), School of Linguistic Science, Jiangsu Normal University, Xuzhou, China
- 2013-2018** Visiting Professor, School of Psychology, South China Normal University, Guangzhou, China
- 2012-2014** Visiting Yunshan Chair Professor, National Key Research Center for Applied Linguistics, Guangdong University of Foreign Studies, China
- 2008-2009** Director, Program in Cognitive Neuroscience (CogNeuro), National Science Foundation, USA
- 2007-2008** Director, Program in Perception, Action and Cognition (PAC), National Science Foundation, USA
- 2006-2008** Professor and Director, Cognitive Science Laboratory  
Dept. of Psychology, University of Richmond, Richmond, VA, USA
- 2005-2010** Visiting Professor  
State Key Laboratory for Cognitive Neuroscience and Learning and  
School of Psychology,  
Beijing Normal University, Beijing, China
- 2003** Visiting Associate Professor, Joint Laboratories for Language and Cognitive Neuroscience, University of Hong Kong, Hong Kong
- 2000-2006** Associate Professor  
Dept. of Psychology, University of Richmond, Richmond, VA, USA
- 1996-2000** Assistant Professor  
Dept. of Psychology, University of Richmond, Richmond, VA, USA

**1992-1996** Assistant Professor  
Dept. of Psychology, The Chinese University of Hong Kong, Hong Kong

### **Honors, Awards, and Fellowships**

**2017** *Distinguished Social Science Research Award (First Prize)*, Guangdong Province, China (Yang, Gates, Molenaar & Li, 2015: Neural changes underlying successful second language word learning; “广东省哲学社会科学优秀成果奖” 一等奖)

**2015** *Distinguished Social Science Research Award (Second Prize)*, Guangdong Province, China (Yang & Li, 2012: Brain networks of explicit and implicit learning; “广东省哲学社会科学优秀成果奖” 二等奖)

**2013, 2014** *High-end Foreign Expert award (高端外国专家)*, State Administration of Foreign Experts Affairs (award through Guangdong University of Foreign Studies), China

**2011** *ICS Faculty Fellow*, Institute of CyberScience, Pennsylvania State University

**2008** *Director's Award for Collaborative Integration*, National Science Foundation

**2007** *Computational Modeling Prize (1<sup>st</sup> Place, Language)*, 29<sup>th</sup> Annual Meeting of the Cognitive Science Society

**2004** *Faculty of the Year*, Psi Chi, National Honors Society in Psychology, University of Richmond

**2002-2003** Distinguished Visitor Fellowship (visiting Associate Professor), Faculty of Education, University of Hong Kong, Hong Kong

**1995, 98, 99, 06** Visiting research fellowships from the Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands

**1992** Postdoctoral fellowship from the McDonnell-Pew Center for Cognitive Neuroscience, San Diego, U.S.A.

**1990-1992** Long-term Research Fellowship from the International Human Frontier Science Program Organization

### **Listings**

**2010, 2011** *Marquis's Who's Who in America* (64<sup>th</sup>, 65<sup>th</sup> editions)

**2008-** Wikipedia: [http://en.wikipedia.org/wiki/Ping\\_Li](http://en.wikipedia.org/wiki/Ping_Li)

**2008, 2005** *2000 Outstanding Intellectuals of the 21<sup>st</sup> Century*, International Biographical Centre

**2001** *1000 World Leaders of Scientific Influence*, American Biographical Institute

**2001** *Who's Who in the 21<sup>st</sup> Century*, International Biographical Center

**1997-2001** *Marquis Who's Who in the World* (14<sup>th</sup>, 15<sup>th</sup>, 18<sup>th</sup>, 19<sup>th</sup> editions)

**1997** *Who's Who in Chinese Linguistics*, Hunan People's Press, China

### **Professional Memberships** (past and present)

Psychonomic Society (Fellow)

Cognitive Science Society

Cognitive Neuroscience Society

American Psychological Society

Linguistic Society of America

Linguistic Society of Hong Kong

Society for Text and Discourse

Society for Computers in Psychology

Society for the Neurobiology of Language

International Neural Network Society

Organization for Human Brain Mapping

*Behavioral and Brain Sciences* Associate

American Association of University Professors

International Association for the Study of Child Language

Psi Chi, the National Honors Society in Psychology (lifetime member)

### **Professional Service**

#### **Professional Organization**

President, *Society for Computers in Psychology* (2011-2012)

Member, Steering Committee, *Society for Computers in Psychology* (2007-2009)

#### **Advisory Role**

Member, Advisory Board, *Learning Research & Development Center (LRDC)*,  
University of Pittsburgh, 2018-.

*National Science Foundation* College of Reviewers, 2013-2015

Scientific Advisor, 2012-2015, *Brain and Language Laboratory*

Guangdong University of Foreign Studies, China

Member, Advisory Board, 2015-2020, *National Key Laboratory for Cyber Psychology and Behavior*, Central China Normal University, China

Member, Editorial Advisory Board, 2014-2017, Book Series on *Bilingual Processing and Acquisition*, John Benjamins Publishing, Inc.

Member, Advisory Board, 2011-, *Center for Chinese Language Research and Technology* National Taiwan Normal University, Taipei, Taiwan

Member, Advisory Board, 2009-2014, *Pittsburgh Science of Learning Center* (PSLC, funded by the National Science Foundation) University of Pittsburgh and Carnegie Mellon University

Member, Advisory Panel, *National Science Foundation*, for the following programs (2001-): Linguistics (LING), Major Research Instrumentation (MRI), Perception, Action, and Cognition (PAC), Robust Intelligence (RI) Science of Learning Centers (SLC), Integrative Neural & Cognitive Systems (NCS)

Member, Study Section, Language and Communication (LCOM), Center for Scientific Review, *National Institutes of Health* (2004-2008)

### **Editor**

*Journal of Neurolinguistics*, Elsevier Science Publisher (2014-present)

### **Associate Editor**

*Frontiers in Language Sciences*, An Open Access Journal (2011-; [www.frontiersin.org](http://www.frontiersin.org))

### **Editorial Board**

*Journal of Child Language*, Cambridge University Press (2015-2020)

*Bilingualism: Language and Cognition*, Cambridge University Press (1998-2002; Editor from 2003 to 2013; Editorial board from 2014-present)

*Journal of Cognitive Science*, Seoul National University Press (2002-present)

*Journal of Neurolinguistics*, Elsevier Science Publisher (2006-2010)

*Modern Foreign Language*, Guangdong University of Foreign Studies (2008-2014)

*Lingua Sinica*, The Commercial Press (商务印书馆) & Walter de Gruyter (2012-2016)

*Bulletin of Educational Psychology* (教育心理學報), Taiwan (2016-present)

### **Board of Consulting Editors (Member)**

*Linguistics: An Interdisciplinary Journal of Language Sciences*, Mouton de Gruyter (1997-2015)

*International Review of Applied Linguistics in Language Teaching*, Mouton de Gruyter (2001-2010)

### **Book Series (Co-Editor)**

*Chinese Language Learning Sciences*, Springer  
(Editors: Yao-Ting Sung, Ping Li, Chin-Chuan Cheng)

### **Reviewer (list of select journals)**

*Applied Linguistics; Applied Psycholinguistics; Artificial Intelligence in Medicine; Behavioral and Brain Sciences; Behavior Research Methods, Instruments, and Computers; Bilingualism: Language and Cognition; Bilingual Research Journal; Brain and Language; Brain Research; Cerebral Cortex; Child Development; Cognitive Science; Cognition; Connection Science; Developmental Psychology; Developmental Cognitive Neuroscience; Developmental Science; Educational Technology Research & Development; First Language; Human Brain Mapping; International Journal of Behavioral Development; International Journal of Bilingualism; Journal of Child Language; Journal of Cognitive Neuroscience; Journal of Cognitive Science; Journal of East Asian Linguistics; Journal of Experimental Child Psychology; Journal of Memory and Language; Journal of Neurolinguistics; Journal of Neuroscience; Language and Cognitive Processes; Language Learning; Linguistics; Memory and Cognition; Nature Communications; Neural Networks; NeuroImage; Neuroscience Letters; PLoS One; Psychological Bulletin; Psychological Review; Psychological Science; Psychonomic Bulletin and Review; Quarterly Journal of Experimental Psychology; Scientific Studies of Reading; Studies in Second Language Acquisition*

### **Conference organization and other synergistic activities**

Co-Organizer (with Laurie Cutting) & Chair, *Symposium on Neuroimaging Studies of Text Comprehension, Annual Meeting of the Society for Text & Discourse*, Brighton, U.K., July, 2018

Member, Organizing Committee and Co-Chair, Shenzhen Forum on Brain Science, Shenzhen Institute of Neuroscience, Shenzhen, China, December, 2016

Member, Organizing Committee, <sup>4th</sup> International Conference on Advanced Learning Sciences (ICALS-2016), South China Normal University, June, 2016

Reviewer, the UT BRAIN Initiative Seed Funds Committee, June, 2015

Co-Organizer (with Jubin Abutalebi), Workshop on the Neurobiology of Bilingualism, *International Symposium on Bilingualism (ISB9)*, Singapore, June, 2013

Organizer, *42<sup>nd</sup> Annual Conference of the Society for Computers in Psychology (SCiP 2012)*, Minneapolis, November, 2012

Organizer, Symposium on Innovative Technologies and the Science of Learning: Language Acquisition by Children and Adults. Presidential Symposium of the 42<sup>nd</sup> Annual Conference of the Society for Computers in Psychology (SCiP 2012), Minneapolis, November, 2012

International Advisory Committee, *Fourteenth International Conference on Cognitive Processing of East Asian Languages & Symposium on Brain and Communication*, Nagoya, October, 2012

Advisory Committee, *The Inaugural Conference of the Chinese Association of Psycholinguistics*, Guangzhou, December, 2011

Organizer, *Bridging L1 and L2 acquisition: Symposium in honor of Brian MacWhinney, 12<sup>th</sup> International Congress for the Study of Child Language*, Montreal, Canada, July, 2011

Co-Organizer, *Workshop on Computational Modeling of Bilingualism: Integrating Acquisition and Processing*, the 8<sup>th</sup> International Symposium on Bilingualism, Oslo, Norway, June, 2011

Co-Organizer, *Workshop on Dynamical Lexical Interaction in L1 and L2*, the 8<sup>th</sup> International Symposium on Bilingualism, Oslo, Norway, June, 2011

Co-Organizer, *Workshop on Smart Health and Wellbeing* (part of Penn State-Peking University Multi-Workshops, PSU-PKU joint university-level collaboration ceremony), Peking University, Beijing, China, May, 2011

Program Committee, WSOM 2011 (8<sup>th</sup> Workshop on Self-Organizing Maps), Espoo, Finland, June, 2011

International Advisory Committee, *Thirteenth International Conference on Cognitive Processing of East Asian Languages*, Beijing, October, 2009

Co-organizer, Symposium on the Cognitive Science of Bilingualism, *Thirty-first Annual Conference of the Cognitive Science Society*, Amsterdam, July, 2009.

Program Committee, ICEAL2 (*Second International Conference on East Asian Linguistics*), Vancouver, November, 2008

Convener and organizer, *Rumelhart Symposium: Language as a Dynamical System* (Symposium in honor of Jeff Elman), CogSci 2007 (*Twenty-ninth Annual Meeting of Cognitive Science Society*), Nashville, August, 2007 (Subsequent coordinator of the Rumelhart Prize Special Issue honoring Jeff Elman in *Cognitive Science*, 33, 2009).

Program Committee (role: paper review coordination, session chair), CogSci 2007 (*Twenty-ninth Annual Meeting of the Cognitive Science Society*), Nashville, August, 2007

Program Committee, *International Conference on Processing Head-final Structures*, Rochester Institute of Technology, September, 2007

Program Committee (role: paper review coordination, session chair, and modeling prize selection committee), CogSci 2006 (*Twenty-eighth Annual Meeting of the Cognitive Science Society*), Vancouver, July, 2006

Convener and organizer, Symposium: *Computational Modeling of Bilingualism*, CogSci 2006 (*Twenty-eighth Annual Meeting of the Cognitive Science Society*), Vancouver, July, 2006

Technical Program Committee, *Workshop on Self-Organization, Learning, and Language*, *Second International Conference on Neural Networks and Brain*, Beijing, China, October, 2005

Organizing Committee, *International Symposium on Bilingualism: Linguistic*,

*Psycholinguistic, and Sociolinguistic Perspectives*, University of Hong Kong, Hong Kong SAR, China, June, 2005  
 Organizing Committee, *The Second International Symposium on Cognitive Neuroscience*, University of Hong Kong, Hong Kong SAR, China, August, 2003  
 International Organizing Committee, *Tenth International Conference on Cognitive Processing of Chinese and Related Asian Languages*, Taipei, Taiwan, December, 2002  
 Convener and co-organizer, *Symposium on New Models of Connectionist Language Acquisition*, Annual Conference of Cognitive Science Society, Fairfax, August, 2002  
 Convener and principal organizer, *Workshop on New Frontiers in Chinese Psycholinguistics*, University of California, Santa Barbara, July, 2001  
 Coordinator, *Research Network on East Asian Psycholinguistics* (Chinese, Japanese, Korean) (<http://cogsci.richmond.edu/psychling.php>)  
 Organizing committee, *the Seventh International Conference on the Cognitive Processing of Chinese and other Asian Languages*, The Chinese University of Hong Kong, July, 1995

### **Research Grants**

- 2018-2020** Co-PI, Swedish Research Council: “Language and Brain Training in a Virtual World” (3,000, 000 Swedish Krona) (PI: Johan Martensson, Lund University)  
**2018-2019** Co-PI, University Strategic Initiative Grant: “Digital innovation through immersive technologies” (\$200,000) (PI: Alexander Klippel, Penn State University)  
**2016-2018** PI, National Science Foundation (#BCS-1633817): (\$100,000)  
 Supplement to “NCS-FO (part of the BRAIN Initiative program): Integrative Neural Approaches to Understanding Science Text Comprehension” (Co-PI: Roy Clariana; Bonnie Meyer, Penn State University)  
**2015-2019** PI, National Science Foundation (#BCS-1533625): (\$994,878)  
 “NCS-FO (part of the BRAIN Initiative program): Integrative Neural Approaches to Understanding Science Text Comprehension” (Co-PI: Roy Clariana; Bonnie Meyer, Penn State University)  
**2015-2016** PI, Social Science Research Institute, Penn State (SSRI-Level II): (\$13,326)  
 “*Brain3M*: Learning about Brain, Behavior and Cognition with Multimodal Methods, Mobile Devices, and 3D Printed Models” (Co-PI: Victoria Braithwaite, Penn State University)  
**2014-2016** Co-PI, National Science Foundation (#BCS-1349110): (\$494,595)  
 “Lexical and sentence processing in novice L2 learners: Psycholinguistic and neurocognitive investigations” (PI: Janet van Hell, Pennsylvania State University)  
**2013-2014** PI, National Science Foundation (#BCS-1338946): (\$59,023)  
 “Neurocognitive mechanisms of second language learning: Role of learning context and executive functions” (Co-PI: Jubin Abutalebi, University Vita-Salute San Raffaele)  
**2013-2015** co-PI, National Research Council, Taiwan: (NT10,000,000 per annum)  
 “Advanced Joint Center for the Study of Learning Sciences” (PI: Yao-Ting Sung, National Taiwan Normal University, co-PI, David Monk, Ping Li, Penn State)  
**2012-2015** co-PI, National Science Foundation (#BCS-1157220): (\$310,633)  
 “A high precision method to estimate effective connectivity networks at



- the group and individual levels” (PI: Peter Molenaar, Penn State)
- 2011-2014** PI, National Science Foundation (#BCS-1057855): (\$482,987)  
 “Collaborative Research: Cross-Language Lexical Interaction” (multi-site PIs: Barbara Malt, Lehigh University and Ping Li, Penn State)
- 2011-2012** PI, Institute for CyberScience (ICS) Faculty Fellow Program: (\$25,000)  
 “BrainSeer: A database for functional brain imaging based on automatic information retrieval” (co-PI: Lee Giles)
- 2011-2012** PI, the Confucius Institute, Pennsylvania State University: (\$8,000)  
 “Tai Chi protective effects on brain executive functions using fMRI”
- 2010-2015** co-PI, National Science Foundation (#OISE-0968369): (\$2,800,000)  
 “PIRE: Bilingualism, mind, and brain: An interdisciplinary program in cognitive psychology, linguistics, and cognitive neuroscience” (PI: Judith Kroll)
- 2009-2011** co-PI, Research Grants Council, the Hong Kong Government (HK\$1,000,525)  
 “From lexicon to syntax in childhood bilingualism” (PI: Virginia Yip)
- 2009-2011** co-PI, Ministry of Education of China (¥200,000)  
 “A computational study of vocabulary acquisition by second language learners of Chinese” (PI: Hongbing Xing)
- 2007-2010** PI, National Science Foundation (#BCS-0642586; \$323,883)  
 “Computational developmental bilingualism”
- 2006-2011** co-PI, Dept. of Education & the Bureau of Foreign Experts, China (¥6,000,000)  
 “Mechanisms of object recognition: Evolution, genetics, and cognitive development”  
 (co-PIs: George Sperling, Elizabeth Loftus, Nancy Kanwisher, Zhong-Lin Lu, Chuansheng Cheng, Xiaoping Hu, Ping Li, Zhaoping Li, Doris Tsao, Winrich Freiwald)
- 2006-2007** PI, State Key Lab of Cognitive Neuroscience Open Project, China (¥30,000)  
 “A computational model of vocabulary development and language acquisition” (co-PI: Hua Shu)
- 2005-2007** co-PI, Research Grants Council, the Hong Kong Government (HK\$676,272)  
 “Aspectual asymmetries in the human mind: Evidence from brain imaging analyses”  
 (PI: Foong Ha Yap)
- 2003-2006** PI, National Science Foundation (#BCS-0131829): (\$373,063)  
 “Self-organization and the acquisition, representation, and processing of language”
- 2003-2005** co-PI, Research Grants Council, the Hong Kong Government (HK\$1,003,000)  
 “Age of acquisition and language processing: Cognitive and brain-mapping studies”  
 (PI: Li Hai Tan)
- 2003-2005** co-PI, National Natural Science Foundation of China (¥240,000)  
 “Sentence processing in Chinese and its neural basis” (PI: Yaxu Zhang)
- 2000-2002** PI, National Science Foundation (#BCS-9975249): (\$173,379)  
 “A self-organizing neural network model of language acquisition”
- 2001** PI, National Science Foundation (#BCS-0091607):  
 Conference Grant for “New Frontiers in Chinese Psycholinguistics” (\$25,050)
- 2001** co-PI, National Science Foundation (#CCLI-0126922):  
 “Shared eye-tracking laboratory for undergraduate research and education in psychology” (\$13,619) (PI: Elizabeth Crawford)
- 2001** President’s Discretionary Fund, University of Richmond:

Post-Conference Work-Session on Handbooks of Chinese, Japanese, and Korean Psycholinguistics (\$10,000)

**2000** PI, National Science Foundation (#BCS-9975249):  
 REU supplement, Research Experience for Undergraduate Students (\$4,848)

**1999** PI, Wang Kuan Cheng Science Foundation: Research grant  
 for collaboration with the Chinese Academy of Sciences, Beijing, China (\$1,750)

**1997-1999** University of Richmond: Faculty Research Grants (\$8,489)

**1997** University of Richmond: Innovative Software Grant (\$1,209)

**1996** University of Richmond: Faculty Research Initiation Grant (\$60,000)

**1992-1996** Chinese University of Hong Kong: Direct Research Grant (HK\$103,468)

**1994** Chinese University of Hong Kong: Faculty Summer Research Grant (HK\$42,280)

**1993-1994** United Board For Christian Higher Education In Asia:  
 Faculty Research Grant at Chinese University of Hong Kong (HK\$5,000)

### **Sponsored Student Grants (selected)**

Nokrane Ahamadi, 2018, Millennium Scholars Program summer fellowship, Penn State

Angela Grant, 2016, Psychonomic Society/Women in Cognitive Science Travel Award

Jennifer Legault, 2016, Huck Institute Outstanding Student Leadership Award, Penn State

Angela Grant, 2016, PSU RGSO (Research & Graduate Studies Office) Dissertation Award

Angela Grant, 2016, Raymond Lombra Graduate Student Award for Excellence, PSU

Angela Grant, 2015, SLEIC Dissertation Award, Penn State

Benjamin Schloss, 2015, 2016, PSU Foreign Language and Area Studies (FLAS) grant

Kyung Kim, 2015, Center for Online Innovation in Learning (COIL) grant, Penn State

Jennifer Legault, 2014, J. Lloyd Huck Dissertation Research Award, Penn State

Benjamin Zinszer, 2013, Graduate Fellowship, NASA Pennsylvania Space Grant Consortium

Sebastian Rolotti, 2013, Multimodal Neuroimaging Training Program, Carnegie Mellon U

Benjamin Zinszer, 2013, Multimodal Neuroimaging Training Program, Carnegie Mellon U

Fan Zhang, 2012, Birnbaum Scholarship Award for the SCiP 2012 conference

Sebastian Rolotti, 2012, Birnbaum Scholarship Award for the SCiP 2012 conference

Sebastian Rolotti, 2012, SC12 *HPC for Undergraduates Program* Travel Award

Sebastian Rolotti, 2012, Ivy Plus STEM Symposium Travel Award

Sebastian Rolotti, 2011-12, McNair Scholar, Post-Baccalaureate Achievement Program

Benjamin Zinszer, 2012, East Asian & Pacific Summer Institutes award, NSF

Benjamin Zinszer, 2012, Confucius Institute scholarship, Penn State University

Thomas Holt, 2012, Summer Discovery Grant, Penn State University

Thomas Holt, 2012, PIRE Undergraduate Scholar Award, Penn State University

Patrick Clark, 2011, PIRE Undergraduate Scholar Award, Penn State University

Benjamin Zinszer, 2011, PIRE Graduate Scholar Award, Penn State University

Benjamin Zinszer, 2010, Robert J. Glushko & Pamela Samuelson Foundation travel award

Benjamin Zinszer, 2010, External fund incentive award, PSU College of Liberal Arts

Laura Quinn, 2010, Penn State President's Fund for Undergraduate Research

Benjamin Zinszer, 2009-2010, Penn State University Graduate Fellowship

Jon-Fan Hu, 2008-2009, National Science Foundation Postdoctoral Fellowship

Sau-Chin Chen, 2008-2009, Taiwan National Science Council Postdoctoral Fellowship

Xiaowei Zhao, 2003-2008, National Science Foundation Postdoctoral Fellowship

Youyi Liu, 2008, National Science Foundation Visiting Researcher Fellowship  
Igor Farkas 2000-2002, National Science Foundation Postdoctoral Fellowship  
Jackie Adair, 2002, UR President's Discretionary Fund (summer stipend)  
Collin Raymond, 2000, NSF "Research Experience for Undergraduates" (REU) grant  
Benjamin Sullivan, 1998, UR Undergraduate Research Grant & Dickinson's Award

## **Administrative Experience and Committee Work**

### **University (selected)**

Associate Director, Institute of CyberScience, Penn State (2014-present)  
Chair, Postdoc Committee, Penn State Psychology, 2018-2019  
Chair, Quantitative Methods Committee, Penn State Psychology, 2016-2017  
Coordinator, Advanced Center for the Study of Learning Sciences (2013-present)  
Coordinator, Social, Cognitive, Affective Neuroscience (SCAN), Penn State, 2014-2015  
Co-Chair, Inter-College Graduate Program in Neuroscience, Penn State, 2010-2015  
Chair, University Park Neuroscience Graduate Curriculum Committee, 2010-2015  
Chair, University Park Neuroscience Graduate Admissions Committee, 2010-2015  
Chair, SLEIC Center fMRI Equipment Committee, Penn State University, 2009-2011  
Advisor, Neuroscience Honors, Department of Psychology, Penn State, 2013-2015  
Member, Search Committee for Director of the CIHRI Center, Penn State, 2018  
Member, Research Cyberinfrastructure Governance Task Force, Penn State, 2014  
Member, Institute of Cyberscience Strategic Planning Group, Penn State, 2014  
Member, Research Data and Computing Committee, Penn State, 2013  
Member, Neuroscience Search Committee, Psychology, Penn State, 2013-2014  
Member, Tenure and Promotion Committee, Psychology, Penn State, 2010-2014  
Member, Faculty Advisory Committee, College of Liberal Arts, Penn State, 2013-15  
Member, Future-funded-faculty (F<sup>2</sup>) Committee, Liberal Arts, Penn State, 2012-2014  
Member, Life Science Graduate Program Core Council Rec'D Task Force, 2012  
Member, PSIN University Park Neuroscience Steering Committee, 2010-  
Member, Penn State CyberScience Task Force, 2010-2011  
Member, Penn State Institute of the Neurosciences Executive Committee, 2010-2013  
Member, Neuroscience Cluster Hire Search Committee, Penn State University, 2010  
Member, Adele Miccio Travel Award Committee, Penn State University, 2009-2010  
Member, Psychology Faculty Search Committee, Penn State University, 2009-2010  
Member, Committee on China Engagement, Penn State University, 2008-2009

### **Federal Government**

Program Director, National Science Foundation, Washington DC, 2007-2009  
Human-Machine Interaction Task Force, National Science Foundation, 2008  
Computational Thinking Task Force, National Science Foundation, 2007  
SBE Cyberinfrastructure Working Group, National Science Foundation, 2007  
OCI High-Performance Computing Working Group, NSF, 2007-2009  
Search Committee, Cognitive Neuroscience Program Director, NSF, 2009  
Search Committee, Perception, Action & Cognition Program Director, NSF, 2008  
Presenter, NSF Regional Grants Conference Crosscutting Program, Providence, 2008  
Panel member, Major Research Instrumentation, NSF, 2008

Panel moderator, Collaborative Research on Computational Neuroscience, NSF, 2008  
Panel moderator, Cyber-enabled Discovery and Innovation, NSF, 2008  
Panel moderator, Human and Social Dynamics, NSF, 2008  
SBE Representative to MRI program, National Science Foundation, 2007  
Panel member, Language and Communication Study Section, NIH, 2004-2008

### **Other (1992-2007)**

Psychology Honors Program Coordinator, University of Richmond, 2006-2007  
University Scholars Selection Committee, University of Richmond, 2005-2007  
Psychology Graduate Program Coordinator, University of Richmond, 2004-2006  
Committee for Establishing Cognitive Science Major, University of Richmond, 2005  
University Faculty Council, University of Richmond, 2003-2004  
Faculty Research Committee, University of Richmond, 2000-2001  
Faculty Advisor, Psi Chi, National Honors Society UR Chapter, 1998-2000  
Member, Undergraduate Research Committee, University of Richmond, 1997-2002  
Member, Asian Studies Committee, University of Richmond, 1997-2002  
Laboratory Management Committee, Chinese University of Hong Kong, 1992-1994  
Curriculum Committee, Chinese University of Hong Kong, 1994-1996

### **Teaching Experience**

**2008-present** Department of Psychology, Pennsylvania State University

Courses taught: PSYCH456 Advanced Cognitive Psychology Seminar  
PSYCH457 Psychology of Language  
PSYCH256 Introduction to Cognitive Psychology  
PSY525 Cognitive Psychology Graduate Seminar

**2013-2015** Graduate Program in Neuroscience, Pennsylvania State University

Course taught : NEURO597A Neuroscience Seminar/Current Topics in Neuroscience

**2015, Summer** Faculty Instructor at the Linguistic Summer Institute of LSA (*Linguistic Society of America*), University of Chicago (<https://lsa2015.uchicago.edu/>)

Course taught : Introduction to Bilingualism (<https://lsa2015.uchicago.edu/instructors/ping-li>)  
(<https://lsa2015.uchicago.edu/courses/introduction-bilingualism>)

**2015, Summer** Teaching Faculty and Co-organizer at the 2015 Workshop on

Neurolinguistics and Technology (2015年神经语言学理论与技术暑期班  
(<http://yynl.jsnu.edu.cn/0e/87/c1465a3719/page.htm>)

**1996-2008** Department of Psychology, University of Richmond

Courses taught: PSY101 Introduction to Psychological Science  
PSY200 Research Methods and Statistics (with lab)  
PSY333 Cognitive Science  
PSY334 Cognitive Science Methods (Computer modeling)  
PSY399 History and Philosophy of Psychological Science  
PSY449/504 Advanced Seminar: Psychology of Language

PSY449/558 Advanced Seminar: Multivariate Statistics  
PSY545 Professional Ethics

**Summer 2004** Teaching faculty of the Linguistics Summer School,  
Fudan University, Shanghai, China

**Summer 1996** Teaching faculty of the Linguistics Summer School,  
Guangdong University of Foreign Language and Foreign Studies,  
Guangdong, China

**1992-1996** Department of Psychology, Chinese University of Hong Kong  
Courses taught : Computers and Psychology  
Psychology of Language  
Thinking and Problem Solving  
General Psychology  
Introduction to Statistics  
Graduate Seminar: Cognitive-Experimental Psychology

**Summer 1987** Teaching faculty of the Linguistic Society of the Netherlands  
Summer School, University of Amsterdam, The Netherlands

### **Computational Experience**

Software developed (available at <http://blclab.org/>):

- (1) *PatPho*, a phonological pattern generator for neural networks;
- (2) *DevLex*, a neural network simulator for self-organizing models of language;
- (3) *APA Style Converter*, a web interface for converting articles to APA Style for publication;
- (4) *Language History Questionnaire*, a web-based interface for collecting L2 language usage history (LHQ, LHQ 2.0, LHQ3);
- (5) *Interactive Query System*, a web-interface for generating psycholinguistic norms in Chinese;
- (6) *Contextual SOM*, software for deriving semantic representations based on corpus statistics.

### **Languages**

*Native or near-native proficiency:* Mandarin Chinese; Xiang Dialect; English

*High proficiency:* Cantonese

*Working knowledge:* German, Dutch

### **Invited Plenary or Keynote Speeches**

*Public Lecture*, Seminar Series of *Institute for CyberScience* 2018-2019, Penn State, Sept., 2018  
*Keynote Address*, 3rd Symposium of Advanced Learning Technologies, Theories, Applications and Impacts (ALTTAI-2018), Qinhuangdao, China, July, 2018

*Keynote Address*, 47<sup>th</sup> Annual Meeting of the Society for Computers in Psychology, Vancouver, November, 2017

*Keynote Speech*, Inaugural Conference at the Center for the Study of Learning Sciences, South China Normal University, November, 2017

*Keynote Speech*, Summit Forum for Frontiers of Language Sciences: Embodiment Linguistics, Beijing University of Science and Technology, May, 2017

*Keynote Speech*, The 4<sup>th</sup> International Conference of the Chinese Association of Psycholinguistics, South China Normal University, May, 2017

*Keynote Speech*, The 4<sup>th</sup> International Conference on Advanced Learning Sciences (IWALS-2016), South China Normal University, June, 2016

*Distinguished Lecture: Writing, Evolution, and Culture Lecture Series*, College of Education, National Taiwan Normal University, Taiwan, November, 2015 [文字.文明與文化系列演講]

*Distinguished Lecture*, College of Health Sciences and Technology, National Central University, Taiwan, October, 2015

*Keynote Speech*, Taiwan Psychological Association 54<sup>th</sup> Annual Conference, National Taiwan Normal University, October, 2015

*Keynote Speech*, The 3<sup>rd</sup> International Workshop on Advanced Learning Sciences (IWALS-2015), Tokyo University of Foreign Studies, August, 2015

*Keynote Speech*, The 2<sup>nd</sup> International Workshop on Advanced Learning Sciences (IWALS-2014), National Taiwan Normal University, July, 2014

*Frontier Lecture*, Department of Teaching, Learning, and Culture, Texas A&M University, March, 2014

*Keynote Speech*, International Symposium on *Language, Brain and Gene*, University of Hong Kong, Hong Kong, October, 2013

*Keynote Speech*, The 21<sup>st</sup> Annual Conference of the International Association of Chinese Linguistics, National Taiwan Normal University, Taiwan, June, 2013

*He Qin Lectures*, Nanjing Normal University, China, June, 2012

*Keynote Speech*, The Inaugural Conference of the Chinese Association of Psycholinguistics, Guangdong University of Foreign Studies, China, December, 2011

*Woolfolk Distinguished Lecture*, Department of Communication Sciences and Disorders, University of Texas, Austin, April, 2011

*Penn State Institute of Neuroscience Research Retreat Keynote Speech*, November, 2009

*Seventh International Workshop on Self-Organizing Maps (WSOM-09)*, Florida, USA, 2009

*Second Intl' Conference on East Asian Linguistics*. Simon Fraser University, Canada, 2008

*International Symposium on Bilingualism: Models of Interaction in Bilinguals*. University of Wales Bangor, UK, 2008

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*International Symposium on Cognitive Processes of the Chinese Language*, University of Hong Kong, China, September, 1997

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## **Selected Media Coverage**

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### **Presentations at Professional Meetings**

- Li, P., Hsu, C., Schloss, B., & Clariana, R. (2018). How students understand STEM concepts: A fMRI study of expository science text comprehension. Paper presented at the *Symposium on Neuroimaging Studies of Text Comprehension, Annual Meeting of the Society for Text & Discourse*, Brighton, U.K., July, 2018.
- Li, P. (2018). Second language learning: A neurocognitive approach. Paper presented at the *International Symposium of Brain and Language*, Huaqiao University, Xiamen, July, 2018.
- Li, P. (2018). The Language History Questionnaire (LHQ): Assessment of bilingual background and multilingual competence. Paper presented at the *Symposium on Assessment of Language Development*, Tianjin Normal University, Tianjin, June, 2018.
- Li, P., Hsu, C., Schloss, B., & Clariana, R. (2018). Acquisition of STEM concepts through expository text comprehension: An fMRI study. Poster presented at the *24th Annual Meeting of the Organization for Human Brain Mapping*, Singapore, June, 2018.
- Li, P., Legault, J., & Lan, Y. (2018). Language learning in a virtual space. Paper presented at the *6th International Workshop on Advanced Learning Sciences (IWALS 2018)*, Pittsburgh, June, 2018.
- Legault, J., Zhao, J., Chi, Y., Chen, W., Klippel, A., & Li, P. (2018). Virtual reality as an effective tool to train second language vocabulary. Poster presented at the *6th International Workshop on Advanced Learning Sciences (IWALS 2018)*, Pittsburgh, June, 2018.

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- Hu, J., Liao, B., Zhao, X., & Li, P. (2017). Applying convolutional neural networks to fMRI data classification: A deep learning approach. Poster presented at the *47th Annual Conference of the Society for Computers in Psychology (SCiP 2017)*, Vancouver, November, 2017.
- Zhang, F., Yu, A., Zhao, X., & Li, P. (2017). The Language History Questionnaire (LHQ) 3.0. Talk presented at the *47th Annual Conference of the Society for Computers in Psychology (SCiP 2017)*, Vancouver, November, 2017.
- Legault, J., & Li, P. (2017). Effects of learning context on neuroplasticity during second language vocabulary training. Paper presented at the *Symposium on Connecting Language, Interaction and Education in Digital Environments (CLIEDE 2017)*, State College, PA, Sept., 2017.
- Li, P. (2017). Neuroplasticity and second language learning: Identifying functional and structural brain changes. Paper presented at the *Symposium on Neuroplasticity across Lifespan Development, the 11th International Conference on Cognitive Science (ICCS 2017)*, Taipei, Taiwan, September, 2017.
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- Grant, A., & Li, P. (2016). Second language proficiency affects subcortical recruitment during executive control processing. Poster presented at the *57th Annual Meeting of the Psychonomic Society*, Boston, November, 2016.
- Liu, S., Schloss, B., & Li, P. (2016). Speaking two “languages” in America: A semantic space analysis of how presidential candidates and their parties represent the same concepts differently. Poster presented at the *46th Annual Conference of the Society for Computers in Psychology (SCiP 2016)*, Boston, November, 2016.
- Schloss, B., & Li, P. (2016). Evolving semantic representations in the brain using multi-band fMRI during reading. Poster presented at the *46th Annual Conference of the Society for Computers in Psychology (SCiP 2016)*, Boston, November, 2016.
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- Feng, S., Yang, J., Legault, J., Li, P., & Yang, Y. (2016). Processing of nouns and verbs in different contexts: An fMRI study. Poster presented at the *8th Annual Meeting of the Society for the Neurobiology of Language*, London, UK, August, 2016.
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- Li, P. (2016). Reading of science text: Semantic concepts and semantic spaces in the brain. Invited talk presented at the *1st International Workshop on Reading Science*, Sun Yat-sen University, Guangzhou, China, June, 2016.

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- Legault, J., Litcofsky, K., Fang, S., & Li, P. (2016). Structural brain correlates of mathematical processing in bilinguals. Poster presented at the *23rd Annual Meeting of the Cognitive Neuroscience Society*, New York, April, 2016.
- Adams, K., Abdollahi, F., Ammerman, K., Li, P., van Hell, J. (2016). Mapping novel word forms to meaning in beginning child and adult second language learners: Electrophysiological and behavioral evidence. Poster presented at the *23rd Annual Meeting of the Cognitive Neuroscience Society*, New York, April, 2016.
- Li, P., Clariana, R., & Meyer, B.J.F. (2015). How do students understand science concepts? Brain signatures of reading comprehension. Poster presented at the *BRAIN Initiative Investigators Conference*, National Science Foundation, Bethesda, December, 2015.
- Li, P. (2015). Neuroplasticity and language learning: Brain changes from short-term and long-term experiences. Invited talk presented at the *First Shenzhen Forum on Brain Research*, Shenzhen, China, November, 2015.
- Schloss, B., & Li, P. (2015). Predicting human brain activation for concrete nouns: Comparing vector space and graph theory models. Poster presented at the *45<sup>th</sup> Annual Conference of the Society for Computers in Psychology (SCiP 2015)*, Chicago, November, 2015.
- Li, P. (2015). Brain networks, language learning and big data: Individual differences and neural plasticity revealed. Talk presented at the *3rd Meeting of Computational Behavioral Sciences – Corpus Linguistics and Text Data Mining: Modeling and Applications*. Wuhan, China, October, 2015.
- Li, P. (2015). The bilingual brain: Neuroplasticity as a function of second language learning. Talk presented at the *5th International Symposium on Chinese Linguistics*, Chengdu, China, June, 2015.
- Yang, J., & Li, P. (2015). Brain lateralization shifts with tonal language learning. Poster presented at the *21<sup>st</sup> Annual Meeting of the Organization for Human Brain Mapping*, Honolulu, June, 2015.
- Adams, K., Abdollahi, F., Li, P., & van Hell, J. (2015). Cognate effects in visual and auditory lexical decision in child and adult bilinguals: do phonological cues constrain lexical activation to one language? Paper presented at the *10th International Symposium on Bilingualism*, New Brunswick, May, 2015.

- Legault, J., Fang, S., Wang, S., Lan, Y., & Li, P. (2015). Effects of learning context on L2 lexical acquisition: behavioral and fMRI evidence. Paper presented at the *10th International Symposium on Bilingualism*, New Brunswick, May, 2015.
- Malt, B., Li, P., Pavlenko, A., & Zhu, H. (2015). Bidirectional lexical interaction in late immersed Mandarin-English bilinguals. Paper presented at the *10th International Symposium on Bilingualism*, New Brunswick, May, 2015.
- Zinszer, B., Wang, R., & Li, P. (2015). Bilingual categorization reveals cross-language competition in naming. Paper presented at the *10th International Symposium on Bilingualism*, New Brunswick, May, 2015.
- Legault, J., Fang, S., Lan, Y., & Li, P. (2015). Gray matter changes as a function of second language vocabulary learning. Poster presented at the *22nd Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, March, 2015.
- Zhang, T., Zinszer, B., Wang, R., & Li, P. (2015). Bilinguals' ACC and pars triangularis reflect L1 and L2 norms during L1 production. Poster presented at the *22nd Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, March, 2015.
- Li, P. (2015). Reading and the bilingual brain: Insights from second language learning. *NIAS Workshop on Cross-linguistic Study of Second Language Reading*, Wassenaar, the Netherlands, January, 2015.
- Lan, Y., Wang, S., Fang, S., Hsiao, Y., Tzeng, L., & Li, P. (2014). L2 word learning through virtual environments vs. audio-visual paired associations. Paper presented at the *44<sup>th</sup> Annual Conference of the Society for Computers in Psychology (SCiP 2014)*, Long Beach, November, 2014.
- Wang, R., Li, P., Yu, K., & Li, L. (2014). Processing of acoustic and phonological information of lexical tones in Mandarin Chinese revealed by mismatch negativity. Poster presented at the *55<sup>th</sup> Annual Meeting of the Psychonomic Society*, Long Beach, November, 2014.
- Grant, A., & Li, P. (2014). Losing control: An investigation of lexical processing in adult second language learners. Poster presented at the *Annual Conference of the Society for the Neurobiology of Language (SNL 2014)*, Amsterdam, July, 2014.
- Legault, J., Fang, S., Wang, S., Lan, Y., & Li, P. (2014). Functional and anatomical changes as a function of second language learning. Poster presented at the *Annual Conference of the Society for the Neurobiology of Language (SNL 2014)*, Amsterdam, July, 2014.
- Fang, S., Malt, B., Ameel, E., & Li, P. (2013). A computational model of semantic convergence in bilingual lexicon. Paper presented at the *43<sup>rd</sup> Annual Conference of the Society for Computers in Psychology (SCiP 2013)*, Toronto, November, 2013.

- Jobe, R., Malt, B., Li, P., Ameel, E., & Pavlenko, A. (2013). Bilingual lexical interaction: Inevitable or malleable? Poster presented at the 54<sup>th</sup> *Annual Meeting of the Psychonomic Society*, Toronto, November, 2013.
- Lebkuecher, A., Malt, B., & Li, P. (2013). Is first-language syntax susceptible to second-language influence without time pressure? Poster presented at the 54<sup>th</sup> *Annual Meeting of the Psychonomic Society*, Toronto, November, 2013.
- Zinszer, B., Malt, B., Ameel, E., & Li, P. (2013). Effects of immersion, language, and learner variables on lexical category convergence. Poster presented at the 54<sup>th</sup> *Annual Meeting of the Psychonomic Society*, Toronto, November, 2013.
- Fang, S., Wang, Y., & Li, P. (2013). Neural patterns of mathematical processing in monolingual and bilingual speakers. Poster presented at the 5<sup>th</sup> *Annual Meeting of the Society for the Neurobiology of Language (SNL 2013)*, San Diego, November, 2013.
- Grant, A., Fang, S., & Li, P. (2013). Working hard really does pay off: An fMRI investigation of lexical access in L2 learners. Poster presented at the 5<sup>th</sup> *Annual Meeting of the Society for the Neurobiology of Language (SNL 2013)*, San Diego, November, 2013.
- Rolotti, S. V., Zinszer, B. D., Carlson, E. A. & Li, P. Bayesian word learning in multiple languages. Poster presented at the 35<sup>th</sup> *Annual Conference of the Cognitive Science Society*, Berlin, August 3, 2013.
- Zinszer, B., Holt, T., Wu, H., Shu, H., & Li, P. (2013). Age of L2 onset modulates left MTG specialization for L1 lexical tones. Poster presented at the 5<sup>th</sup> *Annual Meeting of the Society for the Neurobiology of Language (SNL 2013)*, San Diego, November, 2013.
- Yang, J., & Li, P. (2013). Common and distinct neural correlates of first and second languages: fMRI evidence. Talk presented at the Workshop on the Neurobiology of Bilingualism, 9<sup>th</sup> *International Symposium on Bilingualism (ISB9)*, Singapore, June, 2013.
- Zinszer, B., Malt, B., Ameel, E., & Li, P. (2013). Effects of immersion, language, and learner variables on lexical category convergence. Talk presented at the 9<sup>th</sup> *International Symposium on Bilingualism (ISB9)*, Singapore, June, 2013.
- Fang, S., Wang, Y., & Li, P. (2013). Neural correlates of mathematical processing in bilinguals. Poster presented at the 9<sup>th</sup> *International Symposium on Bilingualism (ISB9)*, Singapore, June, 2013.

- Malt, B., Li, P., Ameel, E., & Zhu, H. (2012). Language dominance modulates cross-language lexical interaction. Poster presented at the *53rd Annual Conference of the Psychonomic Society*, Minneapolis, November, 2012.
- Rolotti, S., Zinszer, B., & Li, P. (2012). Bayesian inference for bilingual word learning. Poster presented at the *42nd Annual Conference of the Society for Computers in Psychology (SCiP 2012)*, Minneapolis, November, 2012.
- Zhang, F., Tsai, E., & Li, P. (2012). A modularized, dynamic, cloud-based Language History Questionnaire. Paper presented at the *42nd Annual Conference of the Society for Computers in Psychology (SCiP 2012)*, Minneapolis, November, 2012.
- Karuzza, E., Li, P., Weiss, D., & Aslin, R. (2012). Neural substrates underlying order effects in statistical learning. Poster presented at the *Annual Meeting of the Society for the Neurobiology of Language*, Sebastian, Spain, October, 2012.
- Zinszer, B., & Li, P. (2012). Predictors of native-like lexical categorization in Chinese learners of English. Paper at the *Second Language Research Forum 2012*, Pittsburgh, October, 2012.
- Chouinard, A., & Li, P. (2012). Neural correlates of lexical interaction in adult second language learners. Poster presented at the *Second Language Research Forum 2012*, Pittsburgh, October, 2012.
- Zhao, X., & Li, P. (2012). Connectionist approach to second language acquisition and processing. Poster presented at the *Second Language Research Forum 2012*, Pittsburgh, October, 2012.
- Yang, J., Swick, K., Watkins, H., & Li, P. (2012). Neural changes underlying short-term language training: An fMRI study. Poster presented at the *18th Annual Meeting of the Organization for Human Brain Mapping*, Beijing, June, 2012.
- Liu, Y., Yang, J., Fang, X., Li, P. & Shu, H. (2012). The role of right hemisphere in the processing of Chinese idioms: an fMRI study. Poster presented at the *18th Annual Meeting of the Organization for Human Brain Mapping*, Beijing, June, 2012.
- Li, P. (2011). Creativity, the Chinese style: Culture and education. Invited talk presented at the workshop on *China's Emerging Technological Trajectory: Challenges and Opportunities*, Penn State University, December, 2011.
- Yang, J., Clark, P., Swick, K., Watkins, H., & Li, P. (2011). Role of working memory in explicit and implicit artificial grammar learning. Poster presented at the Annual Meeting of the *Society for Neurobiology of Language*, Annapolis, November, 2011.
- Khan, O.A., Giles, C.L., & Li, P. (2011). BrainSeer: A neuroinformatic tool for functional brain imaging based on automatic information retrieval. Talk presented at the 41<sup>st</sup>

Annual Meeting of the *Society for Computers in Psychology* (SCiP), Seattle, November, 2011.

- Li, P. (2011). The interactive dynamics of L1 and L2 lexical development. Talk presented at the symposium *Bridging L1 and L2 acquisition: Symposium in honor of Brian MacWhinney*, 12<sup>th</sup> International Congress for the Study of Child Language, Montreal, July, 2011.
- Li, P., Yang, J., & Shu, H. (2011). Language-specific experience and AoA modulate neural activities in L1 and L2. Talk presented at the symposium *Universal and language-specific patterns in bilingual processing: The importance of a comparative approach* (J. van Hell, Organizer), 8<sup>th</sup> *International Symposium on Bilingualism*, Oslo, Norway, June, 2011.
- Zhao, X., Doyle-Smith, N., & Li, P. (2011). A comparative study of semantic representations across three languages. Talk presented at the 41<sup>st</sup> Annual Meeting of the *Society for Computers in Psychology* (SCiP), Seattle, November, 2011.
- Zhao, X., & Li, P. (2011). Simulating cross-language priming: A computational study of the bilingual lexicon based on DevLex-II. Talk presented at the symposium *Computational Modeling of Bilingualism: Integrating Acquisition and Processing* (P. Li, & V. Marian, Organizers), 8<sup>th</sup> *International Symposium on Bilingualism*, Oslo, Norway, June, 2011.
- Zhao, X., Li, P., Liu, Y., Fang, X. & Shu, H. (2011). Cross-language priming in Chinese-English bilinguals with different second language proficiency levels. Poster presented at the *Thirty-three Annual Conference of the Cognitive Science Society*, Boston, MA, August, 2011.
- Zinszer, B., & Li, P. (2011). Naming in two languages: Bilingual lexical categorization. Talk presented at the symposium *Dynamic Lexical Interaction of L1 and L2* (B. Malt & P. Li, Organizers), 8<sup>th</sup> *International Symposium on Bilingualism*, Oslo, Norway, June, 2011.
- Li, P., Li, Y., Yang, J., & Yang, Q. Two faces, two languages: How facial cues modulate bilingual language activation. Poster presented at the *Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, April, 2011.
- Zinszer, B. & Li, P. Modeling age of onset in first language lexical attrition. Talk presented at the 40<sup>th</sup> *Annual Meeting of the Society for Computers in Psychology*, St. Louis, Missouri, November, 2010.
- Zinszer, B. & Li, P. Cross-language lexical interaction in object naming. Poster presented at the 51<sup>st</sup> *Annual Meeting of the Psychonomic Society*, St. Louis, Missouri, November, 2010.



- Zinszer, B. & Li, P. A SOM model of first language lexical attrition. Talk presented at the *Thirty-second Annual Conference of the Cognitive Science Society*, Portland, Oregon, August, 2010.
- Li, P. Staying in the academic pipeline: Finding funding opportunities. Talk presented at the Workshop on Staying in the Academic Pipeline organized by Women in Cognitive Science, *Thirty-second Annual Conference of the Cognitive Science Society*, Portland, Oregon, August, 2010.
- Liu, Y., Jia, G., Zhang, Q., Shu, H., & Li, P. Role of grammatical versus semantic information in language processing: Evidence from an ERP study in Chinese. Poster presented at the 2010 Annual Meeting of the Cognitive Neuroscience Society, Montreal, April, 2010.
- Yang, J., Tan, L., & Li, P. Lexical representation of nouns and verbs in the late bilingual brain. Poster presented at the 2010 Annual Meeting of the Cognitive Neuroscience Society, Montreal, April, 2010.
- Zhang, L., Xi, J., Shu, H., Zhang, Y., & Li, P. Neurophysiological indices of categorical perception of Chinese lexical tones: Acoustic and phonological information is processed in parallel. Poster presented at the 2010 Annual Meeting of the Cognitive Neuroscience Society, Montreal, April, 2010.
- Li, P. Dynamic self-organization in vocabulary acquisition: Insights from connectionist modeling. Talk presented at the Symposium on Modeling Statistical Word Learning, *International Conference on Infant Studies*, Baltimore, March, 2010.
- Zhao, X. & Li, P. Simulating cross-language priming between Chinese and English. Talk presented at the *39th Annual Meeting of the Society for Computers in Psychology*, Boston, November, 2009.
- Zhao, X., Li, P., & Kohonen, T. A contextual self-organizing map of Chinese words. Poster presented at the *39th Annual Meeting of the Society for Computers in Psychology*, Boston, November, 2009.
- Yang, J., Liu, Y., Chen, L., Shu, H., & Li, P. A special role of right hemisphere in bilateral idiom network: Evidence from a Chinese idiom fMRI study. Talk presented at the *Thirteenth International Conference on the Processing of East Asian Languages*, Beijing, October, 2009.
- Zhang, L., Shu, H., Zhou, F., Wang, X., & Li, P. Common and distinct neural substrates for the perception of speech. Talk presented at the *Thirteenth International Conference on the Processing of East Asian Languages*, Beijing, October, 2009.

- Zhao, X., & Li, P. Bilingual lexical development in a dynamic self-organizing model. Talk presented at the *Thirteenth International Conference on the Processing of East Asian Languages*, Beijing, October, 2009.
- Li, P. Having success with the National Science Foundation. Talk presented at the Workshop on Merging Professional Development and Science, *Thirty-first Annual Conference of the Cognitive Science Society*, Amsterdam, July, 2009.
- Li, P., Discussion: the cognitive science of bilingualism. Discussant at the Symposium on the Cognitive Science of Bilingualism, *Thirty-first Annual Conference of the Cognitive Science Society*, Amsterdam, July, 2009.
- Li, P., & Tan, L. The organization and neural representation of lexical categories in L1 and L2. Paper presented at the Symposium on the Cognitive Science of Bilingualism, *Thirty-first Annual Conference of the Cognitive Science Society*, Amsterdam, July, 2009.
- Li, P. Lexical development in L1 and L2: Computational and neural perspectives. Invited talk presented at *the Workshop on Second Language Learning and Development of Proficiency*. Eastern Psychological Association, Pittsburgh, March, 2009.
- Li, P. Lexical organization and competition in L1 and L2: Computational and neural approaches. Invited presentation at *the Third Annual Eleanor M. Saffran Conference on Cognitive Neuroscience*. Temple University, September, 2008.
- Li, P., MacWhinney, B., & Zhao, X. Self-organizing learning of lexicon with CHILDES. Paper presented at *the Symposium on Machine Learning from CHILDES, XI International Congress for the Study of Child Language (IASCL)*, Edinburgh, July, 2008.
- Liu, S., Zhao, X., & Li, P. Early vocabulary development: A corpus-based study of three languages. Poster presented at *the Thirtieth Annual Conference of the Cognitive Science Society*, Washington DC, July, 2008.
- Zhao, X., & Li, P. Vocabulary development in English and Chinese: A comparative study with self-organizing neural networks. Poster presented at *the Thirtieth Annual Conference of the Cognitive Science Society*, Washington DC, July, 2008.
- Li, L., Liu, Y., Li, P., & Shu, H. Role of phonological neighborhoods in a developing lexicon. Poster presented at *the 20th Annual Convention for the Association of Psychological Science*, Chicago, May, 2008.
- Chen, L., Zhang, Y., Zhang, Q., Liu, Y., Li, P., & Shu, H. Native language shapes the neural mechanisms of second language processing: Evidence from an electrophysiological study. Poster presented at *the 15th Annual Conference of the Cognitive Neuroscience Society*, San Francisco, April, 2008.

- Liu, Y., Shu, H., Weekes, B., & Li, P. Effects of age-of-acquisition and frequency on Chinese word processing: Evidence from behavioral and event-related fMRI studies. Poster presented at *the 15th Annual Conference of the Cognitive Neuroscience Society*, San Francisco, April, 2008.
- Li, P. Lexical organization and competition in first and second languages. Talk presented at *the Symposium on Neuro-computational approaches to early lexical acquisition, XVI International Conference on Infant Studies*, Vancouver, Canada, March, 2008.
- Li, P. Competition and organization in language acquisition: Crosslinguistic, computational, and neural perspectives. Invited presentation at *the Special Session in Honor of Melissa Bowerman, Boston Conference on Language Development*, Boston, MA, November, 2007.
- Hao, M., Shu, H., & Li, P. The MacArthur-Bates Communicative Development Inventory: Chinese Version. Poster presented at *the 37<sup>th</sup> Annual Meeting of the Society for Computers in Psychology*, Long Beach, CA, November, 2007.
- Weekes, B., Liu, Y., Shu, H., & Li, P. Age of acquisition effects in Chinese word processing. Poster presented at *the 48<sup>th</sup> Annual Meeting of the Psychonomic Society*, Long Beach, CA, November, 2007.
- Li, P. Competition and organization in language acquisition: Computational and neural instantiations. Paper presented at the *Rumelhart Symposium, the Twenty-Ninth Annual Conference of the Cognitive Science Society* (Symposium in honor of Jeff Elman: *Language as a Dynamical System*).
- Zhao, X., & Li, P. Bilingual lexical representation in a self-organizing neural network. Paper presented at *the Twenty-Ninth Annual Conference of the Cognitive Science Society (Computational Modeling Prize 1<sup>st</sup> Place, Language)*.
- Li, P., Liu, S., & McCarthy, A. Mental representation of verb meanings. Posted presented at *the 47<sup>th</sup> Annual Meeting of the Psychonomic Society*, Houston, November, 2006.
- Li, P., Liu, Y., & Shu, H. Word naming and psycholinguistic norms: Data from Chinese. Posted presented at *Society for Computers in Psychology*, Houston, November, 2006.
- Chen, L., Shu, H., & Li, P. An ERP study of subject-verb agreement by L2 learners of English. Posted presented at *International Symposium on Cognitive Neuroscience*, Beijing Normal University, Beijing, October, 2006.
- Li, P., & Zhao, X. Dynamic self-organization and the bilingual lexicon. Paper presented at the *Symposium on Computational Modeling of Bilingualism, 28<sup>th</sup> Annual Meeting of the Cognitive Science Society*, Vancouver, July, 2006.

- Li, P., Liu, S., McCarthy, A., & Kuhn, M. Early lexical development: Parental speech in different cultures. Paper presented at the *Symposium on Culture and Cognition: Lexical and Morphological Processing in Different Languages, the 5th International Conference on Cognitive Science*, Vancouver, July, 2006.
- Yang, J., Zevin, J., Shu, H., McCandliss, B., & Li, P. A triangle model of Chinese reading. Paper presented at the *28th Annual Meeting of the Cognitive Science Society*, Vancouver, July, 2006.
- Zhao, X., & Li, P. A self-organizing connectionist model of bilingual lexical development. Poster presented at the *28th Annual Meeting of the Cognitive Science Society*, Vancouver, July, 2006.
- Shu, H., Li, X., Liu, Y.Y., & Li, P. Mental representation of verb meanings: Evidence from behavioral and ERP studies. *Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, April, 2006.
- Zhang, Y., Li, P., Liu, Y., Huang, Y., & Shu, H. Syntactic-related ERP effects in Chinese. Paper presented at the *11th International Conference on Processing Chinese and Other East Asian Languages*, Hong Kong, December, 2005.
- Li, P. Semantic representation in a dynamic learning model: the role of lexical co-occurrence. Paper presented at the *Symposium on Mental Representations: Humans, Machines, Something in Between, 35th Annual Meeting of the Society for Computers in Psychology*, Toronto, November, 2005.
- Li, P., Sepanski, S., & Zhao, X. Language history questionnaire for L2 Research: A Web-based interface. Poster presented at the *35th Annual Meeting of the Society for Computers in Psychology*, Toronto, November, 2005.
- Shu, H., Yang, J., Xing, H., & Li, P. A SOM model of family and frequency effects on the acquisition of Chinese phonogram. In *Proceeding of International Conference on Neural Networks and Brain (ICNN&B2005)*, October, Beijing, 2005.
- Li, P., & Zhao, X. The acquisition of lexical and grammatical aspect in a self-organizing model. Paper presented at the *Tenth International Congress for the Study of Child Language*, Berlin, July, 2005.
- Zhao, X., & Li, P. A self-organizing connectionist model of early word production. Poster presented at the *Twenty-Seventh Annual Conference of the Cognitive Science Society*, Stresa, July, 2005.
- Li, P., & Cunningham, K. The APA Style Converter: A Web-based interface for converting articles to APA Style for publication. Paper presented at the *34th Annual*

- Meeting of the Society for Computers in Psychology*, Minneapolis, November, 2004.
- Sepanski, S., Kuhn, M., Cobb, A., & Li, P. Sentence recognition in native and foreign languages. Poster presented at the *45<sup>th</sup> Annual Meeting of the Psychonomic Society*, Minneapolis, November, 2004.
- Li, P., & Tan, L.H. Neural representations of language: Evidence from Chinese. Paper presented at the *Symposium on Language and Brain, 28<sup>th</sup> International Congress of Psychology*, Beijing, August, 2004.
- Yap, F., Chan, Y., Shirai, Y., Matthews, S., Tan, L., & Li, P. The perfective-imperfective asymmetry in the human mind: Evidence from Cantonese and Mandarin Chinese. Paper presented at the *28<sup>th</sup> International Congress of Psychology*, Beijing, August, 2004.
- Zhao, X., & Li, P. Computing semantic representations: A comparative analysis. Poster presented at the *Twenty-Sixth Annual Conference of the Cognitive Science Society*, Chicago, August, 2004.
- Chan, A.H.D., Li, G., Li, P., & Tan, L.H. Neural correlates of nouns and verbs in early bilinguals. Poster presented at the *Organization for Human Brain Mapping 2004 Conference*, Budapest, June, 2004.
- Fields, K., Schlenker, C., & Li, P. An eye-tracking study of ambiguity processing by children and adults. Poster presented at the *44<sup>th</sup> Annual Meeting of the Psychonomic Society*, Vancouver, Canada, November, 2003.
- Li, P., Jin, Z., Kwok, S., Lau, C., Zhuang, J., & Tan, L. Neural representations of nouns and verbs in Chinese. Poster presented at the *Organization for Human Brain Mapping 2003 Conference*, New York, June, 2003.
- Goodman, J., Dale, P., & Li, P. Determinants of the order of acquisition of children's vocabulary. Poster presented at the *Society for Research in Child Development 2003 Biennial Meeting*, Tampa, Florida, April, 2003.
- Xing, H., Shu, H., & Li, P. A self-organizing connectionist model of character acquisition in Chinese. Paper presented at the *Tenth International Conference on Cognitive Processing of Chinese and Related Asian Languages*, Taipei, Taiwan, December, 2002.
- Schlenker, C., Fields, K., & Li, P. The development of lexical ambiguity: A corpus-based analysis. Poster presented at the *43<sup>th</sup> Annual Meeting of the Psychonomic Society*, Kansas City, November, 2002.

- Farkas, I., & Li, P. DevLex: A self-organizing neural network model of the development of lexicon. Poster presented at the *Ninth International Conference on Neural Information Processing*, Singapore, November, 2002.
- Li, P., & Farkas, I. Modeling the development of lexicon with DevLex: A self-organizing neural network of lexical acquisition. Paper presented at the *Twenty-Fourth Annual Conference of the Cognitive Science Society*, George Mason University, Fairfax, VA, August, 2002.
- Li, P., Farkas, I., & MacWhinney, B. The origin of categorical representation of language in the brain. Paper presented at the *Twenty-Fourth Annual Conference of the Cognitive Science Society*, George Mason University, Fairfax, VA, August, 2002.
- Xing, H., Shu, H., & Li, P. A self-organizing connectionist model of character acquisition in Chinese. Paper presented at the *Twenty-Fourth Annual Conference of the Cognitive Science Society*, George Mason University, Fairfax, VA, August, 2002 (paper nominated for the **Marr Prize**).
- Goodman, J., Dale, P., & Li, P. The relationship between parental frequency and order of acquisition in lexical development. Poster presented at the joint conference of the *23<sup>rd</sup> Annual Symposium on Research in Child Language Disorders and the 9<sup>th</sup> Congress of the International Association for the Study of Child Language*, Madison, July, 2002.
- Farkas, I., & Li, P. Modeling the development of lexicon with a growing self-organizing map. Paper presented at the *New Frontiers for Recurrent Neural Networks* workshop, special session of the *5<sup>th</sup> International Conference on Computational Intelligence and Neuroscience*. Durham, North Carolina, March, 2002.
- Orgain, F., Medina, L., & Li, P. Context effects and lexical ambiguity in moving-window and cross-modal tasks. Poster presented at the *42<sup>nd</sup> Annual Meeting of the Psychonomic Society*, Orlando, November, 2001.
- Li, P., & Farkas, I. Lexical representation and acquisition in a self-organizing neural network model. Paper presented at the workshop on *New Frontiers in Chinese Psycholinguistics*, University of California, Santa Barbara, July, 2001.
- Farkas, I., & Li, P. A self-organizing neural network model of the acquisition of word meaning. Paper presented at the *4<sup>th</sup> International Conference on Cognitive Modeling*, George Mason University, Fairfax, July, 2001.
- MacWhinney, B., & Li, P. System for the Teaching of Experimental Psychology (STEP). Paper presented at the *30<sup>th</sup> Annual Meeting of the Society for Computers in Psychology*, New Orleans, November, 2000.

- Li, P. The acquisition of tense-aspect morphology in a self-organizing feature map model. Paper presented at *the Twenty-Second Annual Conference of the Cognitive Science Society*, University of Pennsylvania, Philadelphia, August, 2000.
- Li, P. Verb semantics, grammatical aspect, and the acquisition of tense-aspect morphology: cross-linguistic and computational perspectives. *Semantics Meets Acquisition Workshop*, Max Planck Institute of Psycholinguistics, Nijmegen, the Netherlands, March, 2000.
- Li, P. Global lexical co-occurrences and the acquisition of word meaning. Paper presented at the *Fortieth Annual Meeting of the Psychonomic Society*. Los Angeles, November, 1999.
- Li, P. Generalization, representation, and recovery in a self-organizing feature-map model of language acquisition. Paper presented at *the Twenty-First Annual Conference of the Cognitive Science Society*, Simon Fraser University, Vancouver, August, 1999.
- Li, P. The acquisition of aspect in a self-organizing neural network. Invited presentation at *International East Asian Psycholinguistics Workshop*, Ohio State University, Columbus, August, 1999.
- Li, P., Getty, K., & Diefendorf, A. High-dimensional semantic space and the acquisition of word meaning: A new perspective on the bootstrapping problem. Poster presented at *Thirtieth Stanford Child Language Research Forum*, Stanford University, April, 1999.
- Li, P. High-dimensional semantic space and lexical representations in child language. Paper presented at the Symposium on *Theories and Applications of High Dimensional Semantic Models*, 28<sup>th</sup> Annual Meeting of the Society for Computers in Psychology, Dallas, November, 1998.
- Li, P. The acquisition of lexical semantic structures. Paper presented at the *Neural Information Processing Systems* post-conference workshop on *Neural Models of Concept Learning*, Breckenridge, Colorado, December, 1997.
- Hambrick, J., & Li, P. Evaluating metaphor's role in the categorization of concepts. Poster presented at the *Thirty-eighth Annual Meeting of the Psychonomic Society*, Philadelphia, November, 1997.
- Yip, C.W., & Li, P. Processing homophones interactively: Evidence from Chinese. Paper presented at the *International Symposium on Cognitive Processes of the Chinese Language*, University of Hong Kong, Hong Kong, September, 1997.
- Li, P. A connectionist approach to the acquisition of aspect. *Workshop on Language Acquisition of East Asian Languages*, Ithaca: Cornell University, July, 1997.

- Li, P., & Engiles, B. A distributed lexical semantic representation. Poster presented at the *Nineteenth Annual Conference of the Cognitive Science Society*, Stanford University, August, 1997.
- Li, P. Spoken word recognition of homophones in Chinese. Poster presented at the *Thirty-seventh Annual Meeting of the Psychonomic Society*, Chicago, November, 1996.
- Li, P., & Yip, C.W. Lexical ambiguity and context effects in spoken word recognition: Evidence from Chinese. Paper presented at *Eighteenth Annual Conference of the Cognitive Science Society*, San Diego, July, 1996.
- Li, P. In search of the hidden meaning: Cryptotype and productivity in connectionist language learning. Poster presented at the *Eighteenth Annual Conference of the Cognitive Science Society*, San Diego, July, 1996.
- Li, P. Aspect and hidden meanings: A new approach to an old problem. *CUHK Workshop on Language Acquisition 96'*, Chinese University of Hong Kong, June, 1996.
- Li, P. The time course of the context effect in bilingual spoken word recognition. Paper presented at *Seventh International Conference on the Cognitive Processing of Chinese and other Asian Languages*, Chinese University of Hong Kong, Hong Kong, December, 1995.
- Li, P. Context effect in spoken word recognition: Evidence from Chinese. Poster presented at the *Thirty-sixth Annual Meeting of the Psychonomic Society*, Los Angeles, November, 1995.
- Li, P. Competition, frequency, and auditory recognition of Chinese morphemes. Paper presented at *Inaugural Asian-Australian Workshop on Cognitive Processing of Asian Languages*, University of New South Wales, Sydney, Australia, December, 1994.
- Li, P. Understanding the time course of sentence comprehension: A sentence gating study in Mandarin Chinese. Paper presented at *Sixth International Symposium on Cognitive Aspects of the Chinese Language*, National Taiwan University, Taipei, September, 1993.
- Li, P. Cryptotypes, form-meaning mappings, and overgeneralization. Paper presented at *Twenty-fourth Child Language Research Forum*, Stanford University, April, 1992.
- Li, P. Overgeneralization and recovery in neural networks and child language. Paper presented at *Twenty-first University of Wisconsin-Milwaukee Linguistics Symposium on the Reality of Linguistic Rules*, Milwaukee, April, 1992.



- Li, P., MacWhinney, B., & Bates, E. A reaction time study of sentence processing in Chinese. Paper presented at *Thirty-second Annual Meeting of the Psychonomic Society*, San Francisco, November, 1991.
- Li, P. Overgeneralization, recovery, and the “no-negative evidence problem”: Using neural networks to model the acquisition of English verbal prefixes. Paper presented at the *Workshop on Connectionism and Developmental Theory*, University of California, San Diego, August, 1991.
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