Curriculum Vitae   March 2024

PING LI

Department of Chinese and Bilingual Studies
Faculty of Humanities
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Education and Professional Preparation

1992   Post-doctoral fellow
McDonnell-Pew Center for Cognitive Neuroscience, San Diego, USA
(Advisor: Jeffrey Elman)

1990-1992 Post-doctoral fellow
Center for Research in Language, University of California, San Diego, USA
(Advisor: Elizabeth Bates)

1990 Ph.D. in Psycholinguistics, University of Leiden, The Netherlands
(graduate training at the Max Planck Institute for Psycholinguistics, Nijmegen
Advisors: Melissa Bowerman & Wolfgang Klein)

1986 M.A. in Theoretical Linguistics, Peking University, China

1983 B.A. in Chinese Linguistics, Peking University, China

Employment History

2022-present Sin Wai Kin Foundation Professor in Humanities and Technology
（冼為堅基金人文與科技教授）

2019-present Chair Professor of Neurolinguistics & Bilingual Studies
Dean, Faculty of Humanities
Director, Laboratory for Brain, Language, and Computation
Assoc. Director, University Research Facility in Behavioral & Systems Neuroscience
Hong Kong Polytechnic University, Hung Hom, Hong Kong SAR, China

2008-2019 Professor of Psychology, Linguistics, & Information Sciences & Technology
Pennsylvania State University, Pennsylvania, USA
Director, Laboratory for Brain, Language, and Computation
Associate Director, Institute for CyberScience (2014-2019)
Co-Hire, Institute for CyberScience (2018-2019)
Co-Chair, Inter-College Graduate Program in Neuroscience (2010-2015)
Co-Director, Center for Brain, Behavior, & Cognition (2012-2019)
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)

2015-2017 Visiting Chair Professor, School of Linguistic Science, Jiangsu Normal University, Xuzhou, China

2015 (July-Aug) Visiting Professor, Summer Linguistic Institute (Linguistic Society of America), University of Chicago

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

2016-2018 Visiting Professor, Dept. of Biomedical Engineering, College of Medicine, Shenzhen University, Shenzhen, 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 (NSF), USA

2007-2008 Director, Program in Perception, Action and Cognition (*PAC*), National Science Foundation (NSF), 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, State Key Laboratory for Brain and Cognitive Neuroscience, University of Hong Kong, Hong Kong

2002 Visiting Associate Professor, Division of Speech and Hearing Sciences, Faculty of Education, University of Hong Kong, Hong Kong

2006-2008 Professor and Director, Cognitive Science Laboratory
Dept. of Psychology, University of Richmond, Richmond, VA, USA

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

Professional Recognitions

2021- *Fellow*, American Association for the Advancement of Science (AAAS)

2020- *Fellow*, Hong Kong Academy of Humanities

2016- *Fellow*, Psychonomic Society

2015-2017 *Changjiang Scholar Chair Professor* (长江学者讲座教授), Ministry of Education, China (residence at Jiangsu Normal University, Xuzhou), China

2015-2016 *Distinguished Foreign Professor*, Guangdong Province（广东省海外名师）
(residence at South China Normal University, Guangzhou), China

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

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)

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

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

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

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

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

1990-1992 Long-term Research Fellowship from the *International Human Frontier
Science Program* (HFSP)

Journal Editorships

Senior Editor: *Cognitive Science*, John Wiley & Sons, Inc. (2021-present)
Editor-in-Chief: *Brain and Language*, Elsevier Science Publisher (2019-present)
Editor-in-Chief: *Journal of Neurolinguistics*, Elsevier Science Publisher (2014-2018)
Editor: *Bilingualism: Language and Cognition*, Cambridge University Press (2003-13)
Associate Editor: *Frontiers in Psychology: Language Sciences* (2011-present)
Associate Editor: *Human Behaviour & Brain*, International Society of Neuroscience (2020-)

Book Series Editorships

Handbook of East Asian Psycholinguistics, Cambridge University Press (2005-2009)
(General Editor: Ping Li; Co-Editors: Li-Hai Tan, Elizabeth Bates, Ovid Tzeng,
Mineharu Nakayama, Reiko Mazuka, Yasuhiro Shirai,
Chungmin Lee, Greg Simpson, Youngjin Kim)
Chinese Language Learning Sciences, Springer (2015-present)
(Co-Editors: Yao-Ting Sung, Ping Li, Chin-Chuan Cheng, Kuo-En Chang)

Professional Memberships (past and present)

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)
American Association for the Advancement of Science (AAAS)

Professional Service

Professional Organization
President, *Society for Computers in Psychology* (2011-2012)
Member, Steering Committee, *Society for Computers in Psychology* (2007-2009)

Advisory Board
Member, Advisory Board, *Learning Research & Development Center* (LRDC), University of
    Pittsburgh, 2018-present
Member, Board of Directors*, Hong Kong Palace Museum* (香港故宮文化博物館)*,* 2024-2025

Member, Board of Trustees (理事会)*, iRead Foundation* (爱阅基金公益会)*,* Shenzhen, China,
    2024-2029
Member, College of Reviewers*, National Science Foundation*, 2013-2015
Scientific Advisor, *Brain and Language Laboratory*
        Guangdong University of Foreign Studies, China, 2012-2015
Member, Advisory Board, *National Key Laboratory for Cyber Psychology and Behavior,*
        Central China Normal University, China, 2015-2020
Member, Editorial Advisory Board, Book Series on *Bilingual Processing and Acquisition,* John
        Benjamins Publishing, Inc., 2014-2017
Member, Advisory Board, *Center for Chinese Language Research and Technology*
        National Taiwan Normal University, Taipei, Taiwan, 2011-2020
Member, Advisory Board, *Pittsburgh Science of Learning Center*
        University of Pittsburgh and Carnegie Mellon University, 2009-2014
Member, Advisory Panel, *National Science Foundation*, for the following programs:
        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), 2004-2008
        Center for Scientific Review, *National Institutes of Health*

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

Bilingualism: Language and Cognition, Cambridge University Press (1998-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)

Ad Hoc 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
 Organizer and Moderator, *Large Language Models in AI and the Linguistic Brain*. Symposium of the annual meeting of the American Association for the Advancement of Science (AAAS), Denver, Colorado, February, 2024
 Convener and Chair, *Roundtable on ChatGPT and Large Language Models: Linguistic, Cognitive, and Humanistic Perspectives*, Faculty of Humanities, The Hong Kong Polytechnic University, August, 2023
 Co-Organizer (with Qihui Xu), Workshop on Computational Modeling of Bilingualism: Current Models and Future Directions, *International Symposium on Bilingualism (ISB14),* Macquarie University, Australia, June, 2023
 Co-Organizer (with Hyeonjeong Jeong), *Symposium on Neuroscience of Second Language Acquisition: Opportunities and Challenges,* American Association for Applied Linguistics (AAAL) 2021 Virtual Conference, March, 2021

Co-Organizer (with Patricia Brooks, Vera Kempe, & Roman Taraban), *Symposium on CHILDES, TalkBank, Competition, Emergentism: Honoring the Impact of Brian MacWhinney on Language Research,* Pittsburgh, June, 2019

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

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

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

Organizer, *Bridging L1 and L2 acquisition: Symposium in honor of Brian MacWhinney*, *12ᵗʰ Intl' Congress for the Study of Child Language*, Montreal, Canada, July, 2011

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

Co-Organizer, *Workshop on Dynamical Lexical Interaction in L1 and L2,* the *8ᵗʰ 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 (*8ᵗʰ 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.

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 (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 (*28th Annual Meeting of the Cognitive Science Society*), Vancouver, July, 2006

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

Research Grants

2024-2027 PI, Hong Kong Research Grant Council (GRF-RGC): (HKD852,000) "Technologies, data, and learning: Digital language learning (DLL) and second language representation" (Co-PIs: Janet Hsiao, University of Hong Kong & Yu-ju Lan, National Taiwan Normal University)

2023-2026 PI, Hong Kong University Grant Council (UGC-FITE/IICA): (HKD1,500,000) "A large and flexible immersive learning system for language, health, Chinese history, and cultural tourism" (Co-Is: Chetwyn Chan, Yanjie Song, Education University of Hong Kong & Justina Liu, Peter Ng, Wan Hon Wah, Hong Kong Polytechnic University)

2023-2026 Co-PI, Hong Kong University Grant Council (UGC-FITE/IICA): (HKD1,300,000) "Developing a metaverse platform with Virtual Reality – 'LearningverseVR' for learning and teaching" (PIs: Chetwyn Chan, Yanjie Song, Education University of Hong Kong)

2022-2027 Co-I, Hong Kong Jockey Club Charities Trust (HKD48,940,000): "Scaling up C-for-Chinese@JC in kindergarten sector to cultivate culturally responsive education" (PI: Chan Shui Duen, Faculty of Humanities, Hong Kong Polytechnic University)

2022-2024 Co-I, Hong Kong Polytechnic University Project of Strategic Importance: (HK$2,000,000) "Data-driven intelligence towards early diagnosis and treatment for children with autism spectrum disorder" (PI: Thomas Choi).

2021-2023 PI, Hong Kong Polytechnic University Teaching Development Grants: (HKD1,112,631) "The neural basis of multimedia learning: Social, cognitive, and affective features of the instructor image for effective online teaching" (Co-PI: David Shum, Faculty of Health and Social Science, Hong Kong Polytechnic University)

2021-2023 Co-I, Natural Science Foundation of China/Hong Kong Research Grants Council (NSFC/RGC) Joint Research Scheme: (HKD1,117,000) "Virtual-reality assessment of social cognition impairment and its related neural mechanism in schizophrenia patients and at-risk individuals (Hong Kong PI: David Shum; Beijing PI: C.K. Chan)

2021-2023 Co-PI, Hong Kong Polytechnic University Virtual Teaching and Learning (VTL) Grant: (HKD1,500,000) "Hyflex Teaching" (PI: Henry Chan)

2020-2023 PI, Hong Kong Research Grant Council (GRF-RGC): (HKD631,500) "Second Language Learning in VR: The Perception-Action Connection" (Co-PIs: Hyeonjeong Jeong, Tohoku University & Alexander Klippel, Penn State University)

2018-2020 Co-PI, Swedish Research Council: (Swedish Krona 3,000, 000) "Language and Brain Training in a Virtual World" ((PI: Johan Martensson, Lund University)

2018-2019 Co-PI, University Strategic Initiative Grant: ($200,000) "Digital innovation through immersive technologies" (PI: Alexander Klippel, Penn State University)

2017-2022 Co-PI, Guangdong Pearl River Talents Plan Innovative & Entrepreneurial Team Grant Scheme (PI: Li-Hai Tan; #2016ZT06S220): (CNY20,000,000)

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)

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)

2008-2011 co-PI, Research Grants Council, the Hong Kong Government (HK$1,000,000) "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, C.C. Chen, Xiaoping Hu, Ping Li, Zhaoping Li, Doris Tsao, Winrich Freiwald)

2005-2007 co-PI, Research Grants Council, the Hong Kong Government (HKD676,272) "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)
2000 PI, National Science Foundation (#BCS-9975249):
REU supplement, Research Experience for Undergraduate Students ($4,848)

Sponsored Student Grants (selected)

Adel Chaouch Orozco, 2023-2025, European Commission Horizon-MSCA Fellowship
Chanyuan Gu, 2022, Outgoing (Princeton) Attachment Programme scholarship, PolyU
Yunxiao Ma, 2022, Incoming (SCNU) Attachment Programme scholarship, PolyU
Tres Bodet, 2022, Incoming (University of Houston) Attachment Programme scholarship, PolyU
Ariel Chan, 2021, Incoming (UCLA) Attachment Programme scholarship, PolyU
Nokrane Ahamadi, 2018, Millennium Scholars Program summer fellowship, Penn State
Jennifer Legault, 2016, Huck Institute Outstanding Student Leadership Award, Penn State
Angela Grant, 2016, Psychonomic Society/Women in Cognitive Science Travel Award
Angela Grant, 2016, PSU RGSO (Research & Graduate Studies Office) Dissertation Award
Angela Grant, 2016, Raymond Lombra Graduate Student Award for Excellence, PSU
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. LIoyd Huck Dissertation Research Award, Penn State
Benjamin Zinszer, 2013, Graduate Fellowship, NASA Pennsylvania Space Grant Consortium
Sebastian Rolotti, 2012, Birnbaum Scholarship Award for the SCiP 2012 conference
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
Benjamin Zinszer, 2010, Robert J. Glushko & Pamela Samuelson Foundation travel award
Thomas Holt, 2012, Summer Discovery Grant, Penn State University
Patrick Clark, 2011, PIRE Undergraduate Scholar Award, Penn State University
Laura Quinn, 2010, Penn State President's Fund for Undergraduate Research
Benjamin Zinszer, 2009-2010, Penn State University Graduate Fellowship (UGF)
Sau-Chin Chen, 2008-2009, Taiwan National Science Council 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)

    Chair, PolyU Press Committee, Hong Kong PolyU, 2022-
    Chair, User Group of UBSN, Hong Kong PolyU, 2021-
    Chair, Faculty Board (FH), Hong Kong PolyU, 2019-
    Chair, Faculty Management Committee, Hong Kong PolyU, 2019-
    Co-Chair, Panel on Large Equipment Grants, Hong Kong PolyU, 2021-
    Member, Student Discipline Committee, Hong Kong PolyU, 2023-
    Member, President's Award Selection Panel (Teaching), Hong Kong PolyU, 2022
    Member, President's Award Selection Panel (Service), Hong Kong PolyU, 2022
    Member, Areas of Excellence Committee (AoEC), Hong Kong PolyU, 2020-2024
    Member, Academic Planning and Regulations Committee, Hong Kong PolyU, 2019-
    Member, Academic Council, Hong Kong PolyU, 2019-
    Member, Mentorship Scheme for Teaching Excellence, Hong Kong PolyU, 2021-
    Member, Graduate School Outstanding Research Alumni Award, PolyU, 2022
    Member of Council, College of Professional and Continuing Education, PolyU, 2022-
    Member, Taskforce on Review of Quality Assurance for Academic Departments, 2021-
    Member, Global Engagement Committee, Hong Kong PolyU, 2020-2022
    Member, Council of Confucius Institute of Hong Kong, Hong Kong PolyU, 2020-
    Member, Quality Assurance Committee, Hong Kong PolyU, 2019-2021
    Associate Director, Institute for CyberScience, Penn State, 2014-2019
    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, 2013-2019
    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 for 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^3) Committee, Liberal Arts, Penn State, 2012-2014
    Member, Life Science Graduate Program Core Council Task Force, 2012
    Member, PSIN University Park Neuroscience Steering Committee, 2010-2017
    Member, Penn State CyberScience Task Force, Penn State, 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

Government

    Program Director, National Science Foundation (NSF), 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

Others (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

2019, Summer Faculty Instructor at the PolyU CBS Summer School 2019 (*Language, Cognition and Neuroscience*), Hong Kong Polytechnic University
(http://www.cbs.polyu.edu.hk/2019summer-school/)
    Lecture: The Neurocognition of Bilingualism
2008-2019 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 at the Linguistic 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 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 by my team (available at https://blclab.org/):
   (1) *Language History Questionnaire*, a web-based interface for collecting L2 language
       usage history (LHQ, LHQ2, LHQ3);
   (2) *PatPho*, a phonological pattern generator for neural networks;
   (3) *DevLex*, a neural network simulator for self-organizing models of language;
   (4) *APA Style Converter*, a web interface for converting articles to APA Style for
       publication;
   (5) *Interactive Query System*, a web-based interface for generating psycholinguistic norms
       in Chinese;
   (6) *Contextual SOM*, software for semantic representations based on corpus statistics

Selected Plenary or Keynote Speeches

Keynote Speech, *Architectures and Mechanisms for Language Processing (AMLaP Asia)*,
       Chinese University of Hong Kong, China, December, 2023
Keynote Speech, *Fourth National Forum on Early Child Reading Development and Education*
       *(*第四届全国儿童早期阅读发展与教育峰会*)*, iRead Foundation, China, November, 2023

Keynote Speech, *Third Conference of Chinese Association of Neurolinguistics* (中国语文现代化学会神经语言学研究分会第三届年会), Zhejiang City University, China, October, 2023

Keynote Speech, *Graduate Forum on Language Development and Disorders* (江苏省研究生语言发展与障碍学术创新论坛), Nanjing Normal University, China, September, 2023

Keynote Speech, *Summit Forum on Neurolinguistics* (神经语言学高峰论坛), Jiangsu Normal University, Xuzhou, China, August, 2023

Keynote Speech, *Symposium on AI-Mediated Language Learning in the Metaverse Era*, NTNU, Taipei, Taiwan, June, 2023

Keynote Speech, *Sun Yat-sen University Conference on Bilingualism*, Zhuhai, China, June, 2023

Keynote Speech, *29th Conference of the International Association of Chinese Linguistics (IACL-29),* Macau University of Science and Technology, Macau, China, May, 2023

Invited Speech, *Brain Science and Technology Summit Forum,* The Chinese University of Hong Kong, Shenzhen, China, May, 2023

Keynote Speech, *1st International Conference on Data Science and Second Language Studies,* Ningbo, China, December, 2022

Grand Challenge Talk, *29th International Conference on Computational Linguistics* (COLING2022), Gyeongju, Republic of Korea, October, 2022
https://www.polyu.edu.hk/engl/event/ICLASP17/index/

Keynote Speech, *17th International Conference on Language and Social Psychology* (ICLASP17), The Hong Kong Polytechnic University, June, 2022 (online)
https://www.polyu.edu.hk/engl/event/ICLASP17/index/

Keynote Speech, Taiwan Society of Cognitive Neuroscience annual meeting *2022*, Taoyuan, Taiwan, April, 2022 (online) http://tw-scn.org/

Keynote Speech, The 1st Language Acquisition, Multilingualism, and Teaching (LAMiNATE) *Conference 2022*, Lund University, January, 2022 (online)
https://laminate.ht.lu.se/events/laminate-conference-2022/

Keynote Speech, The 6th Conference on Applied Linguistics, Guangdong University of Foreign Studies, December, 2021 (online)

Keynote Speech, The 2nd Annual Conference of Chinese Society of Neurolinguistics (中国语文现代化学会神经语言学研究分会), Ningbo, China, November, 2021 (online)

Keynote Speech, The 13th World Conference on Chinese Language Teaching, World Chinese Language Association and Chinese Language and Technology Center, National Taiwan Normal University, July, 2021 (online)

Keynote Speech, International Conference on Language Cognitive Science (CLCS 2021), Beijing Language and Culture University, June, 2021 (online)

Public Lecture, Overseas Renowned Scholar Lecture Series (北京大学海外名家学者讲学计划), Peking University (Joint sponsorships by the Department of Chinese, Research Centre for Chinese Linguistics, and PKU International Cooperation Unit), October, 2020 (online)

Keynote Speech, The 4th Association for Reading and Writing in Asia conference (ARWA 2020), Chinese University of Hong Kong and Institute of Psychology, Chinese Academy of Sciences, September, 2020 (online)

Keynote Speech, The 21st Chinese Lexical Semantics Workshop (CLSW 2020), City University of Hong Kong, Hong Kong SAR, May, 2020 (online)

Keynote Speech, Japanese Society for Language Sciences 21st Annual International Conference (JSLS 2019), Tohoku University, Sendai, Japan, July, 2019

Keynote Speech, *Lund Symposium on Cognition, Communication and Learning* (CCL 2019), Lund University, Lund, Sweden, April, 2019

Keynote Speech, Annual Meeting of the *International Society of Neuroscience* (ISN 2019), Shenzhen, March, 2019

Keynote Speech, Annual Meeting of the *Chinese Language Teachers' Association California* (CLTAC), Stanford University, March, 2019

Keynote Speech, Roundtable Seminar: *Cognitive Perspectives on SLA*, University of Macau, China, Nov., 2018

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, 47th 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 4th International Conference of the Chinese Association of Psycholinguistics, South China Normal University, May, 2017

Keynote Speech, The 4th 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 54thd Annual Conference, National Taiwan Normal University, October, 2015

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

Keynote Speech, The 2nd 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, March, 2014

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

Keynote Speech, The 21st 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

Media Coverage (Selected; see reports at https://blclab.org/media-coverage/)

BTN.COM, CampusTechnology.COM, CBSnews.COM, CNN.COM**,** ConnexionFrance.COM, CTVnews.COM, DailyMail.Co.UK; Digitaltrends.COM, Discovermagazine.COM, Forbes.COM, ForumBLOG.COM, Futurity.ORG, GovExec.COM, HealthWD.INFO**,** HealthDay.COM, HeeMD.COM**,** Healthimaging.COM, HNGN.COM**,** Intelligencetest.com**,** LANGology.ORG, Medicalxpress.COM, News.PSU.EDU, NextGov.COM, NeuroscienceNews.COM, PsychologyToday.COM, QZ.COM, Reddit.COM, ScienceDaily.COM, ScienceAlert.COM, Science360.COM, ScienceNewsline.COM, SCIcasts.COM, ScienceWorldreport.COM, TVcn.NL, USnews.COM, Yahoo!Finance, 中国日报，光明日报，南方日报，中国社会科学报，中新网，人民网, 新浪网，凤凰网，星島日報，東方日報

Publications (*e-copies may be requested and downloaded from* http://blclab.org/; *Google Scholar citations* at http://scholar.google.com/citations?user=Z0mAYS4AAAAJ&hl=en; h-index 54)

1. Books and Edited Volumes:

MacWhinney, B., Kempe, V., Li, P., & Brooks, P. (2022). Emergentist approaches to language. *Frontiers in Psychology*. doi: 10.3389/978-2-88974-483-1
https://www.frontiersin.org/research-topics/11158/emergentist-approaches-to-language#articles

Liu, H-M., Tsao, F-M., & Li, P. (2020; Editors). *Speech perception, production and acquisition: Multidisciplinary approaches in Chinese languages*. Singapore: Springer Nature Singapore. (volume under the *Chinese language learning sciences* series edited by Cheng, C-C., Zhang, J., Sung, Y-T., & Li, P.).

Dong, Y., & Li, P. (2020). Simultaneous interpreting: Window into bilingual processing. A special issue of *Bilingualism: Language and Cognition, 23*, 703-925.

Lan, Y., Chen, N., Li, P., & Grant, S. (2015). Embodied cognition and language learning in virtual environments. A special issue of *Education Technology and Research Development, 63*(5), 639-807.

Tan, L.H., & Li, P. (2015). Language, brain, and gene: The Chinese context. A special issue of *Journal of Neurolinguistics*, *33,* 1-186.

Grosjean, F., & Li, P. (2013). *The psycholinguistics of bilingualism*. New York, NY: John Wiley & Sons, Inc.

Li, P. (2013). *Computational modeling of bilingualism*. A special issue of *Bilingualism: Language and Cognition*, *16*(2), 241-366.

Li, P., & Marrongelle, K. (2013). *Having success with NSF: A practical guide*. New York, NY: John Wiley & Sons, Inc.

He, H.B., Li, P., & Wang, H.W. (2011). Advances in knowledge discovery and data analysis for artificial intelligence. A special issue of the *Journal of Experimental and Theoretical Artificial Intelligence, 23*(1), 1-136.

Klein, W., & Li, P. (2009). *The expression of time*. Berlin & New York: Mouton de Gruyter. (A volume in the *Expression of Cognitive Categories* book series).

Li, P., & Green, D. (2007). Neurocognitive approaches to bilingualism: Asian languages. A special issue of *Bilingualism: Language and Cognition*, *10*(2), 117-210.

Li, P., Tan, L.-H., Bates, E., & Tzeng, O. (2006). *The Handbook of East Asian Psycholinguistics* (Vol. 1: Chinese). Cambridge University Press.

Li, P., & Shirai, Y. (2000). *The acquisition of lexical and grammatical aspect.* Berlin & New York: Mouton de Gruyter.

2. Articles in Peer-Reviewed Journals:

Gu, C., Peng, Y., Nastase, S., Mayer, R., & Li, P. (2024). Onscreen presence of instructors in video lectures affects learners' neural synchrony and visual attention during multimedia learning. *Proceedings of the National Academy of Sciences, 121(12),* 1-12. https://doi.org/10.1073/pnas.2309054121

Li, C., Jiang, Ng., H.F., Dai, Y., Cheung, L. F., Chan, H. C., & Li, P. (2024). Collaborative learning in the Edu-Metaverse era: An empirical study on the enabling technologies. *IEEE Transactions on Learning Technologies.* https://ieeexplore.ieee.org/document/10399380

Hu, J., Huang, Y., Zhang, X., Liao, B., Hou, G., Xu, Z., Dong, S., & Li, P. (2023). Identifying suicide attempts, ideation, and non-ideation in major depressive disorders from structural MRI data using deep learning. *Asian Journal of Psychiatry, 82.* https://doi.org/10.1016/j.ajp.2023.103511

Ma, Y., Yu, K., Yin, S., Li, L., Li, P., & Wang, R. (2023). Attention modulates the role of speakers' voice identity and linguistic information in spoken word processing: Evidence from event-related potentials. *Journal of Speech, Language, and Hearing Research, 66,* 1678-1693.

Yu, K., Zou, Y., Zhang, L., Li, L., Li, P., & Wang, R. (2023). How different types of linguistic information impact voice perception: Evidence from the language-familiarity effect. *Language and Speech,* 1-23. https://doi.org/10.1177/00238309221143062

Li, P., & Xu, Q. (2022). Computational modeling of bilingual language learning: Current models and future directions. *Language Learning, 73,* 17-64. https://doi.org/10.1111/lang.12529

Langensee, L., Rumetshofer, T., Behjat, H., Novén, M., Li, P., & Mårtensson, J. (2022). T1w/T2w ratio and cognition in 9-to-11-year-old children. *Brain Sciences.* https://www.mdpi.com/2076-3425/12/5/599

Ma, X., Liu, Y., Clariana, R., Gu, C., & Li, P. (2022). From eye movements to scanpath networks: A method for studying individual differences in expository text reading. *Behavior Research Methods.* https://doi.org/10.3758/s13428-022-01842-3

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Li, P., & Lan, Y.J. (2022). Digital language learning (DLL): Insights from behavior, cognition, and the brain. *Bilingualism: Language and Cognition*, *25*, 361-378. https://doi.org/10.1017/S1366728921000353 (Keynote article)

Claussenius-Kalman, H., Hernandez, A., Li, P. (2021). Expertise, ecosystem, and emergentism: Dynamic developmental bilingualism, *Brain and Language*, *222*. https://doi.org/10.1016/j.bandl.2021.105013

Hu, J., Cao, L., Li, T., Dong, S., & Li, P. (2021). GAT-LI: a graph attention network based learning and interpreting method for functional brain network classification. *BMC Bioinformatics*, *22*: 379, https://doi.org/10.1186/s12859-021-04295-1

Follmer, D. J., Li, P., & Clariana, R. (2021). Predicting expository text processing: Causal content density as a critical expository text metric. *Reading Psychology*. https://doi.org/10.1080/02702711.2021.1912867

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Xu, Q., Markowska, M., Chodorow, M., & Li, P. (2022) Modeling bilingual lexical processing through code-switching speech: A network science approach. *Frontiers in Psychology,* 12:662409. https://www.frontiersin.org/articles/10.3389/fpsyg.2021.662409/full

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Luan, H., Geczy, Z., Gobert, J., C., Yang., S., Ogata, H., Baltes, J., Guerra, R., Li, P., & Tsai, C.C. (2020). Challenges and future directions of big data and artificial intelligence in education. *Frontiers in Psychology, 11:* 580820. https://doi.org/10.3389/fpsyg.2020.580820

Li, P., & Dong, Y. (2020). Language experience and cognitive control: A dynamic perspective. *Psychology of Learning and Motivation, 72,* 27-52. (Volume: *Adult and Second Language Learning*, eds., K.D. Federmeier & H.-W. Huang)

Li, P., & Jeong, H. (2020). The social brain of language: Grounding second language learning in social interaction. *npj Science of Learning,* 1-9. https://doi.org/10.1038/s41539-020-0068-7

Hu, J., Cao, L., Li, T., Liao, B., Dong, S., & Li, P. (2020). Interpretable learning approaches in resting-state functional connectivity analysis: The case of Autism Spectrum Disorder. *Computational and Mathematical Methods in Medicine*, *2020*, 1394830. https://doi.org/10.1155/2020/1394830

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Liu, C., Wang., R., Li, L., Ding, G., Yang, J., & Li, P. (2020). Effects of encoding modes on memory of naturalistic events. *Journal of Neurolinguistics*, *53*, 100863.

Wang, R., Ke, S., Zhang, Q., Zhou, K., Li, P., & Yang, J. (2020). Functional and structural neuroplasticity associated with second language proficiency: An MRI study of Chinese-English bilinguals. *Journal of Neurolinguistics, 56,* 100940.

Zhang, X., Yang, J., Wang, R., & Li, P. (2020). A neuroimaging study of semantic representation in first and second languages. *Language, Cognition, and Neuroscience,* 1-16. https://doi.org/10.1080/23273798.2020.1738509

Zhou, W., Pang, W., Zhang, L., Xu, H., Li, P., & Shu, H. (2020). Altered connectivity of the visual word form area in the low-vision population: A resting-state fMRI study. *Neuropsychologia, 137,* 107302.

Dong, Y., & Li, P. (2019). Attentional control in interpreting: A model of language control and processing control. *Bilingualism: Language and Cognition,* 1-13.

Grant, A., & Li, P. (2019). Proficiency affects intra- and inter-regional patterns of language control in second language processing. *Language, Cognition, and Neuroscience, 34,* 787-802.

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Hsu, C.-H., Schloss, B., Clariana, R., & Li, P. (2019). Neurocognitive signatures of naturalistic reading of scientific texts: A fixation-related fMRI study. *Scientific Reports, 9,* 10678. https://www.nature.com/articles/s41598-019-47176-7

Hu, J., Kuang, Y, Liao, B. Cao, L., Dong, S., & Li, P. (2019). A multichannel 2D convolutional neural networks model for task-evoked fMRI data classification. *Computational Intelligence and Neuroscience*, *2019*, 5065214. http://doi:10.1155/2019/5065214

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Legault, J., Zhao, J., Chi, Y-A., Chen, W., Klippel, A., & Li, P. (2019). Immersive virtual reality as an effective tool for second language vocabulary learning. *Languages, 4(1),* 13. https://doi.org/10.3390/languages4010013

Legault, J., Fang, S., Lan, Y., & Li, P. (2019). Structural brain changes as a function of second language vocabulary training: Effects of learning context. *Brain and Cognition, 134,* 90-102.

Li, P., & Clariana, R. (2019). Reading comprehension in L1 and L2: An integrative approach. *Journal of Neurolinguistics, 50,* 94-105.

Li, P., Zhang, F., Yu, A., & Zhao, X. (2020). Language History Questionnaire (LHQ3): An enhanced tool for assessing multilingual experience. *Bilingualism: Language and Cognition, 23,* 938-944. doi: 10.1017/S1366728918001153.

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Yang, J., & Li, P. (2019). Mechanisms for auditory perception: A neurocognitive study of second language learning of Mandarin Chinese. *Brain Sciences, 9(6),* 139. https://doi.org/10.3390/brainsci9060139

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Xu, Q., Peng, Y., Wu, M., Feng, X., Chodorow, M., & Li, P. (2023). Multimodal conceptual representation: Do ChatGPT/LLMs require embodiment to reach human-level representation? Poster presented at the *Annual Conference of the Society for the Neurobiology of Language* (SNL 2023), Marseille, France, October, 2023.

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Gu, C., & Li, P. (2023). Neural alignment during naturalistic reading in non-native speakers predict reading performance. Poster presented at the *30th Annual Conference of the Cognitive Neuroscience Society* (CNS 2023), San Francisco, March, 2023.

Gu, C., Peng, Y., Nastase, S., Mayer, R., & Li, P. (2023). Social cues impact real-time synchronization, visual attention, and learning outcome during multimedia learning. Poster presented at the *30th Annual Conference of the Cognitive Neuroscience Society* (CNS 2023), San Francisco, March, 2023.

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Li, P., Xu, M., & Li, D. (2020). 大脑解码的语言神经模型与应用 (Brain-decoding: Neural models of language and their applications). Talk presented at the *4th International*

*Symposium on Psychiatric Neuroimaging (*精神神经影像新进展暨第四届国际精神影像学高峰论坛*),* Shenzhen, China, November, 2020.

Seyfried, F., & Li, P. (2020). Comparing sentence-based vs. word-based semantic space representations to brain responses. Paper presented at the *30ᵗʰ Annual Conference of the Society for Text & Discourse* (ST&D 2020 Online Meeting), July, 2020.

Li, P. (2019). Immersive virtual reality and its impact on second language learning (沉浸式虚拟现实对提高第二语言学习的影响研究). Talk presented at the *7th Overseas Chinese Linguists Forum (OCLF 2019),* Xuzhou, China, June, 2019.

Li, P. (2019). The second language brain: Neurocognitive and computational bases. Talk presented at the *Symposium on CHILDES, TalkBank, Competition, Emergentism: Honoring the Impact of Brian MacWhinney on Language Research,* Pittsburgh, June, 2019.

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Yang, J., Zhang, X., & Li, P. (2019). Embodied account of second language processing: An fMRI study. Poster presented at the *Symposium on CHILDES, TalkBank, Competition, Emergentism: Honoring the Impact of Brian MacWhinney on Language Research,* Pittsburgh, June, 2019.

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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.

Ma, X., Clariana, R., & Li, P. (2018). Predicting mental knowledge representation from fixation sequence using graph analysis. Poster presented at the *6th International Workshop on Advanced Learning Sciences (IWALS 2018)*, Pittsburgh, June, 2018.

Chang, C., Li, P., Tsai, J., Lin, E., Chao, P., Chou, C., & Lee, C. (2018). The neural substrates for predictive processes in sentence comprehension. Poster presented at the *25th Annual Meeting of the Cognitive Neuroscience Society*, Boston, March, 2018.

Hsu, C., Clariana, R., & Li, P. (2018). Knowledge structure and expository texts comprehension: A neurocognitive study. Poster presented at the *25th Annual Meeting of the Cognitive Neuroscience Society*, Boston, March, 2018.

Ma, X., Hu, J., Zhao, X., & Li, P. (2018). Predicting reading comprehension from eye movement features using deep neural network. Poster presented at the *25th Annual Meeting of the Cognitive Neuroscience Society*, Boston, March, 2018.

Schloss, B., & Li, P. (2018). Predicting conceptual change during naturalistic reading with fMRI. Poster presented at the *25th Annual Meeting of the Cognitive Neuroscience Society*, Boston, March, 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 *47*[th] *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 *47*[th] *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.

Adams, K., Abdollahi, F., Li, P., & van Hell, J. (2017). Cross-language interaction in auditory and visual word processing in bilinguals: Electrophysiological and behavioral evidence. Poster presented at the *24th Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, March, 2017.

Schloss, B., Hsu, C.T., & Li, P. (2017). A sensorimotor network for voluntary oculomotor function in skilled reading: From cortex to brainstem. Poster presented at the *24th Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, March, 2017.

Li, P. (2016). Idnetifying and promoting learning-induced brain changes through technology. Invited talk presented at the *Second Shenzhen Forum on Brain Research,* Shenzhen, China, December, 2016.

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 *46^h 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 *46^h Annual Conference of the Society for Computers in Psychology* (SCiP 2016), Boston, November, 2016.

Fang, S., Zinszer, B., Malt, B., & Li, P. (2016). A computational model of semantic convergence in bilinguals. Poster presented at the *14th International Conference onthe Cognitive Modeling.* State College, August, 2016.

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.

Legault, J., Fang, S., Ahmed, Y., Lan, Y., & Li, P. (2016). Cortical thickness changes with short-term second language vocabulary training. Poster presented at the *8th Annual Meeting of the Society for the Neurobiology of Language*, London, UK, August, 2016.

Yang, J., & Li, P. (2016). Sex differences in second language word learning: fMRI evidence. Poster presented at the *8th Annual Meeting of the Society for the Neurobiology of Language*, London, UK, August, 2016.

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.

Li, P. (2016). Science text and concept representation: Role of linguistic features and reader characteristics. Invited talk presented at the *3rd Workshop on the Analysis of Linguistic Features* (WoALF 2016)*,* National Taiwan Normal University, Taipei, Taiwan, April, 2016.

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: Eletrophysiological 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 *45ʰ 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 21st *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 *44th 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 55th *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 *43rd 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 54th *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 54th *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 54th *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 5th *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 5th *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 35th 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 5th *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, *9th 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 *9th 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 *9th 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[d] 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.

Karuza, 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 41st 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*, 12th 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), 8th *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 41st 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), 8th *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), 8th *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 *40th 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 *51th 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 Intl' 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 37th 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 48th 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,* Nashville, August, 2007 (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,* Nashville, August, 2007 (*Computational Modeling Prize 1st Place, Language)*

Li, P., Liu, S., & McCarthy, A. Mental representation of verb meanings. Posted presented at *the 47th 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, Nov., 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*, *28th 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, Nov., 2004.

Sepanski, S., Kuhn, M., Cobb, A., & Li, P. Sentence recognition in native and foreign languages. Poster presented at the *45th Annual Meeting of the Psychonomic Society*, Minneapolis, Nov., 2004.

Li, P., & Tan, L.H. Neural representations of language: Evidence from Chinese. Paper presented at the *Symposium on Language and Brain, 28th 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 *28th 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 *44th 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, December, 2002.

Schlenker, C., Fields, K., & Li, P. The development of lexical ambiguity: A corpus-based analysis. Poster presented at the *43rd 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., & 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 *23rd Annual Symposium on Research in Child Language Disorders and the 9th 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 *5th 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 *42nd 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 *4th 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 *30th 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*, 28th 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, Nov., 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, Dec., 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.

Li, P. Pre-verbal and post-verbal prepositional phrases in Chinese: Acquisition of their locative and temporal meanings. Paper presented at the *Workshop on Space, Time, and the Lexicon,* Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands, November, 1990.

Li, P. What cues can Chinese speakers use in sentence processing? Paper presented at the *Workshop on Cross-linguistic Study of Sentence Processing,* Department of Psychology, Carnegie Mellon University, Pittsburgh, July, 1989.

Li, P. Aspect and aktionsart in Chinese: Evidence from psycholinguistics. Paper presented at *Twenty-first International Conference on Sino-Tibetan Languages and Linguistics*, Lund, Sweden, October, 1988.