

Bronson Hui

October 2020

Doctoral Candidate (ABD),
Second Language Studies
Graduate Assistant,
Center for Statistical Training
and Consulting (CSTAT)
Michigan State University, USA

huibrons@msu.edu

<http://bronson-hui.github.io>

<https://orcid.org/0000-0003-1822-3109>

<https://osf.io/7gk8p/>

QUICK TAKE-AWAYS

Education

PhD in Sec Lang Studies (Expected, MSU);
MSc in Appl Ling & SLA (Oxon);
BA&BEd in Eng Lang & Ling (Hong Kong U)

Teaching

7 years of high school TESOL; 3 English
proficiency and TESOL/SLA courses (sub-
degree, undergrad & grad levels)

Research

6 articles published; 2 in-principle
acceptance; 1 under review; 1 book chapter
forthcoming, 7 of all first- or single-authored;
3 open datasets; statistical consultant at MSU

Service

7 workshops held; abstract evaluation lead
for Sec Lang Res Forum; SLA lab manager; co-
editor of student journal

RESEARCH INTERESTS

Second language acquisition and processing; vocabulary acquisition; lexical processing;
effects of bimodal (written & auditory) input; quantitative methods; open science practices

EDUCATION



2017 - present	PhD (expected)	Michigan State University, Second Language Studies Dissertation topic: Psycholinguistic measures of lexical knowledge. Dissertation committee: Aline Godfroid, PhD (chair), Shawn Loewen, PhD, Paula Winke, PhD, Patti Spinner, PhD, Irina Elgort, PhD (external member).
2013	MSc	Kellogg College, University of Oxford, Applied Linguistics and Second Language Acquisition (ALSLA) (Distinction) Dissertation: "The role of Mandarin tones in English spoken word recognition: evidence from Chinese-English bilinguals" Supervisor: Xin Wang, PhD
2009	BA & BEd	The University of Hong Kong, English Language and Linguistics; and Language Education (English)

Dissertation: “The cross-linguistic influence of L3 French on L2 English relative clause production by native Cantonese-speaking university students in Hong Kong”



Supervisors: Stephen Matthews, PhD and WL Tsang, PhD

RESEARCH

Publications

✓   denote the Open Science badges earned to show commitment to pre-registration, open data, and open materials in research, respectively.

Journal Articles and Book Chapters

- Hui, B.**, Rudzewitz, B., & Meurers, D. (under review, 2nd round). Learning processes in interactive CALL systems: Linking automatic feedback, system logs, and learning outcomes. *Language Learning and Technology*.
- Hui, B.** & Huntley, E. (forthcoming). Embracing open science practices in Applied Linguistics: Perspectives from graduate students. In L. Plonsky (Ed.) *Open Science in Applied Linguistics*. John Benjamins. (pre-print: <https://doi.org/10.31219/osf.io/vmtza>)
- Hui, B.** & Godfroid, A. (in-principle acceptance). Audiobooks decomposed: Toward a psycholinguistic account of the benefits of reading-while-listening for verbal comprehension. *Language Learning*. ✓
- Kim, K., Maie, R., Suga, K., Miller, Z., & **Hui, B.** (in-principle acceptance). SLA for ALL: A replication of Williams (2005) with academic and non-academic samples. *Language Learning* ✓
- Godfroid, A. & **Hui, B.** (2020). Five pitfalls in eye-tracking research. *Second Language Research*, 36(3), 277–305. <https://doi.org/10.1177/2F0267658320921218>
- Hui, B.** & Godfroid, A. (2020). Testing the role of processing speed and automaticity in second language listening. *Applied Psycholinguistics*. <https://doi.org/10.1017/S0142716420000193> Advance online publication. (OSF project link: <https://osf.io/35vfx>)
- Hui, B.** (2020). Processing variability in intentional and incidental word learning: An extension of Solovyeva and DeKeyser (2018). *Studies in Second Language Acquisition*, 42(2), 327–357. <https://doi.org/10.1017/S0272263119000603>   (OSF project link: <https://osf.io/2ta7m/>)
- Wang, X., **Hui, B.**, & Chen, S. (2020). Language selective or non-selective in bilingual lexical access? It depends on lexical tones!. *PLoS ONE*, 15(3): e0230412. <https://doi.org/10.1371/journal.pone.0230412> (Data and Materials available as support information)

- Hui, B.** (2019). Analyzing processing time data in Applied Linguistics and second language research: a multivariate mixed effects approach. *Journal of Research Design and Statistics in Linguistics and Communication Science*, 5(1-2), 189–207.
<https://doi.org/10.1558/jrds.39117>
- Hui, B.** (2010). Backward transfer from L3 French to L2 English production of relative clauses by L1 Cantonese speakers in Hong Kong. *Hong Kong Journal of Applied Linguistics*, 12(2), 45–60. (<https://www2.caes.hku.hk/hkjal/issue/back-issues/hkjal-vol-122/>)

Data Publications

- Hui, B.** (2020). Data and codebook for *Studies in Second Language Acquisition* article: Processing variability in intentional and incidental word learning: An extension of Solovyeva and DeKeyser (2018) [Data set]. Open Science Framework.
<http://doi.org/10.17605/OSF.IO/2TA7M>
- Hui, B.** & Godfroid, A. (2020). Data and codebook for *Applied Psycholinguistics* article: Testing the role of processing speed and automaticity in second language listening [Data set]. Open Science Framework. <http://doi.org/10.17605/OSF.IO/35VFX>
- Wang, X., **Hui, B.**, & Chen, S. (2020). Data for *PLoS ONE* article: Language selective or non-selective in bilingual lexical access? It depends on lexical tones! [Data set]. PLoS ONE.
<https://doi.org/10.1371/journal.pone.0230412.s001>

Selected Research Papers / Presentations

- Hui, B.** & Rudzewitz, B. (2019, September). Learning through automatic corrective feedback in a smart exercise book: interaction patterns and learning outcomes. Presentation at Second Language Research (SLRF), East Lansing, MI, USA.
- Hui, B.** (2019, March). *The contribution of processing automaticity to second language listening*. Presentation at AAAL 2019, Atlanta, GA, USA.
- Hui, B.** (2018, October). *Processing automaticity in novel word learning*. Paper presented at Second Language Research Forum 2018, Montreal, Canada, USA.
- Godfroid, A., Kim, M. H., **Hui, B.**, & Isbell, D. (2018, September). *Validating implicit and explicit L2 knowledge measures: A research synthesis*. Paper presented at EuroSLA 28, Munster, Germany.
- Hui, B.** (2018, September). *The contribution of processing automaticity to second language listening*. Presentation at EuroSLA 28, Munster, Germany.
- Hui, B.**, & Fung, D. (2016). To know is not to use: The gap between students' productive vocabulary knowledge and their actual use in free writing. *Collection of Reports: Educational Research Award Scheme 14/15*, Hong Kong Teachers' Centre.
- Hui, B.**, Wong, S. S. Y., & Fung, D. (2016). Different amount of L1 support in vocabulary learning through reading: The effects of gloss and bilingual texts. In F. K. C. Lee, P. C.

W. Lee, K. S. M. Leung, & K. C. Li (Eds), *Proceeding of the Second International Conference on Linguistics and Language Studies (ICLLS)*, (pp. 86–94). Hong Kong.

Wang, X. & Hui, B. (2013, September). The role of Mandarin tone in bilingual processing. Paper presented at AMLAP-Architecture and Mechanism of Language Processing, Marseille, France.

Book Reviews

- Hui, B. (2017). Review of the book *First and Second Language Use in Asian EFL*, by R. Forman. *System*, 65, 181–182. <http://doi.org/10.1016/j.system.2017.01.004>
- Hui, B. (2017). Review of the book *Peer interaction and second language learning: pedagogical potential and research agenda*, M. Sato & S. Ballinger (Eds). *Linguist List*, 28. <https://linguistlist.org/issues/28/28-978.html>
- Hui, B. (2016). Review of the book *Explicit learning in the L2 classroom: a student-centered approach*, by Ronald P. Leow. *System*, 60, 135–136. <http://doi.org/10.1016/j.system.2016.05.005>
- Hui, B. (2016). Review of the book *The pedagogy of English as an international language: Perspectives from scholars, teachers, and students*, R. Marlin, & R. A. Giri (Eds). *Asian Journal of Applied Linguistics*, 3(2), 220–221 <https://caes.hku.hk/ajal/index.php/ajal/article/view/399>
- Hui, B. (2015) Review of the book *TESOL: A Guide*, by J. Liu & C. M. Berger. *System*, 55, 163–165. <http://doi.org/10.1016/j.system.2015.08.008>

On-going projects

- Godfroid, A., Kim, M. H., Hui, B., & Isbell, D. Validating implicit and explicit L2 knowledge measures: A research synthesis. (Status: Write-up)
- Hui, B. Validating implicit aspects of word knowledge. (Status: Data collection)
- Hui, B. & Godfroid, A. The role of reading speed and text complexity in reading-while-listening comprehension. (Status: First draft completed)
- Hui, B., Wong, S. S. Y., & Au, R. Reading aloud listening test items to young learners: Response processes and actual performance. (Status: Revise and resubmit to another journal)

Other Research-Related Experiences

- Graduate Assistant (Statistical Consultant), Center for Statistical Training and Consulting (CSTAT), Michigan State University.
 - Offering consulting service to clients from various disciplines on statistical techniques and research designs.

- Engaging in professional development through weekly staff meetings, regular seminars and workshops.
- (as of August 25, 2020) Served 11 clients from 6 colleges and secured 4 contract bids worth of US\$ 6,665.22 from fee-paying clients.
- Structural Equation Modelling Workshop (five-day), led by Dr Amy Nuttall, Michigan State University (11–15 May, 2020)
- Research Assistant to Dr Aline Godfroid, Michigan State University (2017–2019)
 - coding and data analysis, and writing up sections of a paper on the measurement of implicit and explicit knowledge, funded by *Language Learning*;
 - providing drafts of two book chapters: one on online measures of vocabulary and one on the eye-tracking methodology in instructed second language acquisition;
 - assisting with the writing of an eye-tracking methodology book, particularly chapters on visual world research, experimental designs, and data analysis.
- Research visit at University of Tubingen with Prof. Detmar Meurers (July–August, 2018)
- LEAD Summer School in L2 Acquisition, University of Tuebingen (August, 2018)
- R Statistics Bootcamp (five-day), led by Prof. Stefan Gries (May, 2018)
- Part-time Research Assistant, The Laboratory for Language, Learning, and the Brain, Chinese University of Hong Kong (2015–2017)
- Summer School in Corpus Linguistics, Lancaster University, UK (July, 2013)

Research Skills

- Proficient in software for statistical analyses and reaction time and eye-tracking experiments: R(Studio), JASP, SPSS, Mplus, Eprime, Superlab, Gorilla, EyeLink (Experimental Builder), and Tobii (Studio)
- Proficient in statistical analyses, including (M)AN(C)OVA, (multiple / generalized) regression, (generalized) mixed-effects modelling, structural equation modelling (e.g., [exploratory / confirmatory] factor analysis, path analysis, mixture modelling, basic latent growth curve modelling, Monte Carlo simulation), cluster analysis, discriminant analysis, and survival analysis

TEACHING

Graduate course

Michigan State University LLT 873 Quantitative Research in Second Language Studies (with Prof Shawn Loewen) (Fall, 2019)

Undergraduate course

Michigan State University LLT 346 Pedagogical Grammar (two sections) (Spring, 2020)

Sub-degree course

Caritas Institute of Higher Education (Hong Kong) ENG 102 Use of English (Spring, 2016)

Secondary

SKH St Simon's Lui Ming English as a foreign language (2015–2017)

Choi Secondary School (Hong Kong)

- coordinated school-based remedial classes in all three core subjects (Chinese, English, and Mathematics) in junior forms;
- convened collaboration in teaching, curriculum design and assessment in English in different years;
- performed and explained statistical analyses on public examination results to English teachers;
- introduced, implemented, and evaluated a vocabulary-based component to the English curriculum and assessment;
- supported colleagues' use of e-learning in the English Department;
- mentored students through extra-curricular activities

Fanling Kau Yan College English as a foreign language (2009–2012)

(Hong Kong)

- coordinated school-based training in English for Territory-wide System Assessment at Form 3 (Grade 9);
- convened collaboration in teaching, curriculum design and assessment in English in different years;
- mentored students through extra-curricular activities

PROFESSIONAL SERVICE

Present Roles

- Fellow for Social Science Data Analytics (SSDA) (Michigan State University)
 - Providing statistical training to members of the group.
- Ad-hoc Reviewer for
 - *Language Learning*
 - *TESOL Quarterly*
 - *Reading in a Foreign Language*
 - *International Review of Applied Linguistics in Language Teaching*
 - Second Language Research Forum (SLRF) (2019, 2020)

- Li, S., Hiver, P., & Papi, M. (Eds) *Routledge Handbook of SLA and Individual Differences*

Past Roles

- Abstract review coordinator, Second Language Research Forum (SLRF), 2019 (2018 - 2019)
- Co-Editor, Michigan State University Working Papers in Second Language Studies (2018) (2018–2019)
- Lab Manager, Second Language Studies Lab, MSU (2017–2018)
- Coordinator, Donuts and Distributions, a student-led reading group and workshops in statistics and quantitative methodology at MSU (2017–2018)

Workshops

- Hui, B.** & Huntley, E. (2020). Graduate students' perspectives on open science practices. Center for Statistical Training and Consulting (CSTAT), Michigan State University, November, 2020.
- Hui, B.** & Huntley, E. (2020). Online data collection for psycholinguistics research: an introduction. Coffee and Cognition (psycholinguistics reading group), Second Language Studies, Michigan State University, October, 2020.
- Hui, B.** (2020). Analysing eye-tracking data for second language research [two three-hour workshops]. Department of Language and Linguistics, University of Essex, September, 2020.
- Hui, B.** & Calvert, S. (2020). Data management and sharing in L2 research: why and how [two-hour workshop]. Donuts and Distribution (Quant methods reading group), Second Language Studies, Michigan State University, February, 2020.
- Hui, B.** (2019). Multilevel (mixed-effects) modelling using R [three-hour workshop]. Social Science Data Analytics, Michigan State University, November, 2019.
- Hui, B.** (2018). Introduction to R [one-hour workshop]. Donuts and Distribution (Quant methods reading group), Second Language Studies, Michigan State University, October, 2018.
- Hui, B.** (2018). Introduction to R [a series of one-hour workshops]. Second Language Studies, Michigan State University, April–July, 2018.

RESEARCH GRANTS

Extramural

- | | |
|------|---|
| 2020 | <i>Language Learning</i> Dissertation Grant (US\$ 2,000) |
| 2019 | TOEFL: Young Students Graduate Student Research Grants, Educational Testing Services (ETS) (US\$ 3,624) |

Intramural

- 2020 Social Science Data Analytics (SSDA) Fellowship, Michigan State University (under review)
- 2020 Dissertation Completion Fellowship, College of Arts and Letters, Michigan State University (US\$ 8,000)
- 2020 Research Funds, Second Language Studies, Michigan State University (US\$ 350)
- 2019 Summer Fellowship, College of Arts and Letters, Michigan State University (US\$ 4,500)
- 2019 Research Funds, Second Language Acquisition Lab, Second Language Studies, Michigan State University (US\$ 400)
- 2018 Summer Fellowship, College of Arts and Letters, Michigan State University (US\$ 4,500)
- 2018 Center for Language Teaching Advancement (CeLTA) Fellowship, Michigan State University (US\$ 200)
- 2018 Research Funds, Second Language Studies, Michigan State University (US\$ 350)
- 2013 Student Research Bursaries, Kellogg College, University of Oxford (£ 100)
- 2013 MSc Student Research Grant, Department of Education, University of Oxford (£ 100)

Not Funded

- 2020 Duolingo Dissertation Grant in Language Learning with Technology (US\$ 5,000) (not funded)
- 2020 The International Research Foundation (TIRF) Doctoral Dissertation Grant (US\$ 5,000) (not funded)
- 2018 The NFMLATA/NCOLCTL Graduate Student Research Support Award (US\$ 2,500) (not funded)
- 2018 Digital Humanities Summer Seed Grant, Michigan State University (US\$ 2,000) (not funded)

TRAVEL GRANTS**Extramural**

- 2019 NFMLTA/MLJ Travel Grants for Foreign Language Professionals (US\$ 1,000)
- 2018 Student Stipends, European Second Language Association (EuroSLA) (€ 300)
- 2018 Travel Grant for Research Visit, University of Tübingen (€ 1,000)

Intramural

- 2019 Travel Grants for Conference Presentations (multiple, national and international), Second Language Studies, Michigan State University (US\$ 1,200)
- 2018 Travel Funds, Graduate School, Michigan State University (US\$ 700)

2018 Travel Grants (multiple, national and international conferences), Second Language Studies, Michigan State University (US\$ 1,700)

AWARDS AND SCHOLARSHIPS

Extramural

2016 Educational Research Award (14/15), Teachers' Centre, Education Bureau, Hong Kong (HK\$ 1,500)

Intramural

2020 Graduate School Writing Fellows in the Disciplines (US\$ 2,000) (with Huntley, E.)

2020 Delia Koo Award, Asian Studies Center, Michigan State University (US\$ 3,000)

2020 Varg-Sullivan Award for Letters, College of Arts and Letters, Michigan State University (US\$ 2,500)

2020 Professional Development Funds, Second Language Studies (course fees for SEM workshop, US\$ 600)

2020 Susan M. Gass Scholarship for Research (US\$ 1,000)

2013 ALSLA Best Dissertation Prize, Department of Education, University of Oxford (£ 100)

2006 HKU Worldwide Undergraduate Student Exchange Scholarships, University of Hong Kong (HK\$ 10,000)

CONTRACTS, BIDS, AND FUNDED PROJECTS

Extramural

2020 Workshop on analysing eye-tracking data for second language research. Sponsor: Prof. Monika Schmid, Department of Language and Linguistics, University of Essex. (£ 328)

Intramural

2020 Statistical consultation through CSTAT on the project: EFNEP Sampling Plan. Sponsor: Ronald Gibbs, Program Evaluation Specialist, Michigan State University Extension, Health & Nutrition Institute, (US\$ 3,830) (with Pierce, S. J.)

2020 Statistical consultation through CSTAT on the project: Bioorthogonal Chemistry Nanoparticles for Multimodal Imaging. Sponsor: Neil Robertson, Post-doctoral researcher, College of Human Medicine, Michigan State University (US\$ 1,465) (with Sharma, D.)

2020 Statistical consultation through CSTAT on the project: Psychosocial Effects of the COVID-19 Pandemic on Medical Students. Sponsor: Temitope Olasehinde,

- Medical Student, College of Human Medicine, Michigan State University
(US\$ 400) (with Tong, B.)
- 2020 Statistical consultation through CSTAT on the project: A Survey of Wildlife
Conservation Professionals of the 21st Century. Sponsor: Rachel Menale,
Graduate Student, Department of Fisheries and Wildlife, Michigan State
University (US\$ 2,548) (with Pierce, S. J.)
- Declined**
- 2020 Statistical consultation through CSTAT on the project: Sectarian discrimination
between Arab Sunnis and Arab Shiites in Iraq. Sponsor: Jihan Mohammed,
Graduate Student, Department of Sociology, Michigan State University
(US\$ 637) (bid declined)
- 2020 Statistical consultation through CSTAT on the project: Effects of Focus on Form
through Experiential Learning on Japanese Tense Learning. Sponsor: Kiyotaka
Suga, Graduate Student, Second Language Studies, College of Arts and Letter,
Michigan State University (US\$ 181) (bid declined)