

# Sin Hang (Aubrey) Lau

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## Research Interests

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**Broad:** Psycholinguistics

**Narrow:** Language production, language processing, bilingualism

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## Education

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### UNIVERSITY OF CALIFORNIA, SAN DIEGO

*Ph.D. in Psychology (Cognitive)*

San Diego, CA  
Starting Fall 2017

### UNIVERSITY OF HONG KONG

*B.A. in General Linguistics*

Hong Kong  
2012-2016

- First Class Honors
- Dean's Honors List (2012-2013; 2014-2015; 2015-2016)

### UNIVERSITY OF CALIFORNIA, SANTA BARBARA

*UCEAP Exchange Program*

Santa Barbara, CA  
Winter & Spring Quarters, 2015

- Evergreen Scholarship (HKD \$12,000)
- Dean's Honors (Letters and Science, Spring Quarter)

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## Research Experience

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### HKU LANGUAGE PROCESSING LAB

*University of Hong Kong, PI: Dr. Heeju Hwang*

Sept 2015 - May 2016

- Assisted in Cantonese pronoun processing, Chinese-English and Korean-English bilingual and cross-linguistic research

### SCHOOL OF ENGLISH

*University of Hong Kong, Supervisors: Dr. Adrian Pablé and Dr. Chris Hutton*

May – Jul 2014  
May – Aug 2013

- Assisted in philosophy of language and models of communication research

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## Publication

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**2016** Lau, S., & Hwang, H. The Effects of Frequency on Pronoun Production. *Journal of Cognitive Science*, 17(4), 547-569.

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## Conference Presentations

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### INTERNATIONAL WORKSHOP ON LANGUAGE PRODUCTION (IWLP)

*Poster presentation entitled "Frequency affects pronoun production"*

San Diego, CA  
Jul 2016

\* The abstract was also accepted by Architectures and Mechanisms for Language Processing (AMLaP)

### INTERGRATIONISM AND HUMANISM

*(International Association for the Integral Study of Language & Communication)*

Oberägeri, Switzerland  
Jun 2014

*Short talk entitled "Reflections on Integrationism from an Undergraduate's Perspective"*

\* The pedagogical methodology, learning outcomes, and social implications of communication theories and models

### INTERNATIONAL COLLOQUIUM ON INTEGRATIONAL LINGUISTICS

*Short Powerpoint presentation entitled "HKU Teaching Integrational Linguistics to First-year Undergraduates" with Dr. Adrian Pablé*

Hong Kong  
Jun 2013

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## Service

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### ANNUAL RESEARCH FORUM, THE LINGUISTICS SOCIETY OF HONG KONG

*Student Volunteer*

Hong Kong  
Dec 2015

\* Assisted presenters with technological issues and provided concierge services

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## Research Skills

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<b>Survey/ Data Collection</b>	<i>Qualtrics</i> <i>Amazon Mechanical Turk</i>
<b>Experimental Design</b>	<i>OpenSesame</i> <i>E-Prime and E-Run</i>
<b>Programming</b>	<i>Python and NLTK</i> Data extraction (corpora and tree banks), frequency distribution, regular expressions, basic part-of-speech tagger training and implementation, basic Context-Free Grammar and Probabilistic Context-Free Grammar
<b>Phonetic Analysis</b>	<i>Praat</i> Voice-onset time analysis, basic spectrogram analysis
<b>Statistical Analysis</b>	<i>Excel</i> Preliminary analysis, data visualization <i>R</i> Logit mixed-effects models, ggplot2 data visualization

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## Languages

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<b>Cantonese</b>	<i>Native</i>
<b>English</b>	<i>Professional</i> (GRE: 161V 88 <sup>th</sup> Percentile; TOEFL: 117/120)
<b>Mandarin</b>	<i>Professional</i>