

Dylan Scott Low

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M.A. Candidate in Linguistics

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Research Interests

- General Human language processing, Bilingualism, Neurolinguistics, Corpus linguistics, Language models, Experimental methods, Mathematical/Computational methods, Cultural semantics, Language contact, Code-mixing/switching
- Specific Singapore English, Mandarin Chinese, Metaphor, Mental models, Paradigmatic relations, Priming, Surprisal, Neural computation, Electroencephalography (EEG)

Education

- starting 2024 **Ph.D. in Cognitive Science**, *Johns Hopkins University*, Baltimore, MD, U.S.A.
Degree expected 2029
Advisor: John T. Hale, Ph.D.
- 2021–present **M.A. in Linguistics**, *National Taiwan Normal University*, Taipei, Taiwan
Degree expected 2024
Specialisation: Experimental Neurolinguistics (EEG)
Advisor: Shiaohui Chan 詹曉蕙, Ph.D.
- 2015–2021* **B.A. in English Communication**, *Payap University*, Chiang Mai, Thailand
CGPA: 3.94/4.00
Advisor: Michael James Day, Ph.D. FRSA SFHEA
*(2016–2018 spent on full-time military service in Singapore)
- 2020–2021 **Study Abroad Programme**, *Providence University*, Taichung, Taiwan
Focus area: Linguistics
Advisor: Yuda Lai 賴昱達, Ph.D.

Publications

Journal Articles

- [1] **Low, D. S.**, McNeill, I., and Day, M. J. (2022). Endangered languages: A sociocognitive approach to language death, identity loss, and preservation in the age of artificial intelligence. *Sustainable Multilingualism*, 21(1), pp. 1–25. DOI: 10.2478/sm-2022-0011.
- [2] Day, M. J., Skulsuthavong, M., Du Preez, S., and **Low, D. S.** (2022). Thailand's ajarn: Tracing material-semiotic relationships in Thai higher education. *Journal of Mass Communication*, 10(1), pp. 157–203. Available: [Link](#).

- [3] Day, M. J., Du Preez, S., **Low, D. S.**, and Skulsuthavong, M. (2021). 'Reinventing' Thai universities: Ajarn, Thailand 4.0 & cross-cultural communication implications for international academia. *Journal of Mass Communication*, 9(1), pp. 102–144. Available: [Link](#).
- [4] **Low, D. S.**, Aung, M. T., and Day, M. J. (2020). Cognitive sociology: Developing the 'diversity pathways' model in cultural neuroscience. *Human Behavior, Development and Society*, 21(4), pp. 66–77. Available: [Link](#).

Conference Presentations

- [6] **Low, D. S.** (accepted; 3–4 May, 2024). *Lambian neurocognitive linguistics as mathematical neuropsychology: Some proposed innovations to the theory* [poster presentation]. Taipei, Taiwan: 11th Conference on Language, Discourse, and Cognition.
- [7] Fu, S. P.-Y., and **Low, D. S.** (10–12 Oct, 2023) *Exploring syntactic optimality in code-mixing: An empirical study of Mandarin-English bilinguals in Taiwan* [conference session]. Bangkok, Thailand: 56th International Conference on Sino-Tibetan Languages and Linguistics. DOI: 10.13140/RG.2.2.24814.79687.
- [8] **Low, D. S.** and Wong, K. F. (28–29 Oct, 2022). *Cognitive phonology, relational networks, and optimality theory: Analysing consonant phonotactics in Malaysian and Singaporean Colloquial English* [poster presentation]. Taipei, Taiwan: 23rd National Conference on Linguistics. DOI: 10.13140/RG.2.2.21837.72169/1.

Book Chapters

- [9] M. J. Day, **Low, D. S.**, and Skulsuthavong, M. (in press). Technology enhanced learning & teaching tensions in Thailand's higher education: Digital divergence vs. binary thinking during online education in the COVID-19 pandemic. In C. Yamahata (Ed.), *Social transformations in India, Myanmar, and Thailand* (vol. 3). Singapore: Palgrave Macmillan.

Experience

Research

- 2023–present **Research Assistant**, Dept. of English, National Taiwan Normal University
Supervisor: Chun-Yin Doris Chen 陳純音, Ph.D.
Duties: Data cleaning, statistical analysis, and data visualisation.
- 2021–present **Research Assistant**, Neurolinguistics Lab, National Taiwan Normal University
Supervisor: Shiao-hui Chan 詹曉蕙, Ph.D.
Duties: EEG data collection and experimental materials design.
- 2020–2022 **Research Assistant**, Dept. of English, Providence University
Supervisor: Yuda Lai 賴昱達, Ph.D.
Duties: Literature review.
- 2019–2020 **Research Assistant**, Dept. of English Communication, Payap University
Supervisor: Michael James Day, Ph.D. FRSA SFHEA
Duties: Journal paper writing, literature review, and conceptualisation.

Teaching

- Nov 2020 – **Teaching Assistant**, Dept. of English, Providence University
Jun 2022 Duties: Mentorship for Taiwanese senior high school students' self-directed English learning and undergraduate assignment grading.
- Mar 2020 – **Teaching Fellow**, Taiwan Experience Education Programme, Providence University
Jun 2020 Duties: Mentorship for Taiwanese senior high school students' self-directed intercultural English communication projects.
- Nov 2018 – **English Teacher (volunteer)**, Shalom Arts and Leadership College, Mae La
Dec 2018 Refugee Camp, Tak Province, Thailand
Duties: Leading a beginner-level English as a Foreign Language course for underprivileged students from Burma, including lesson planning and materials design, as well as an introductory session on basic Mandarin Chinese.

Professional Awards, Scholarships, Memberships, and Honours

- 2024 **Honorary Membership**,
Phi Tau Phi Scholastic Honour Society of the Republic of China
(中華民國斐陶斐榮譽學會)
Nominated in recognition of outstanding academic performance as one among the top 3% of master's degree graduands from National Taiwan Normal University in AY2024.
- 2024 **Doctoral Financial Support Package**,
Department of Cognitive Science, Johns Hopkins University
Value (initial offer): ≈USD 104,500 annually over a 5-year period (100% tuition waivers + health insurance + monthly stipend)
- 2023 **Subsidy for Domestic Graduate Students to Attend International Academic Conferences** 補助國內研究生出席國際學術會議,
National Science and Technology Council, Taiwan R.O.C.
Value: NTD 20,000 (≈USD 620)
Travel grant awarded to attend and present research output at the 56th International Conference on Sino-Tibetan Languages and Linguistics in Bangkok, Thailand.
(NSTC-112-2922-I-003-088)
- 2023 **Outstanding Graduate Student Award: Academic Achievement Category**,
Taiwan Scholarship Programme, Ministry of Education, Taiwan R.O.C.
Selected as one out of over 400 holders of the 2021-23 Taiwan Scholarship in recognition of outstanding academic achievement culminating in multiple journal publications and conference presentations.
- 2021 **MOE Taiwan Scholarship (Postgraduate)**,
Ministry of Education, Taiwan R.O.C.
Value: NTD 480,000 (≈USD 15,700) over a 2-year period + NTD 160,000 (≈USD 5,235) in tuition remission
- 2021 **NTNU International Student Scholarship***,
National Taiwan Normal University
Value: Full tuition remission for 2 years
*(Superseded by MOE Taiwan Scholarship)
- 2020 **Payap University Outstanding Awards: Academic Research Category**,
Payap University
Received in recognition of outstanding performance in academic research culminating in a journal publication as an undergraduate.

- 2020 **ACUCA Student Mobility Subsidy**,
Association of Christian Universities and Colleges in Asia (ACUCA)
 Value: USD 2,100
 Scholarship support for student exchange to Providence University, Taiwan, during 2020.
- 2019 **Payap University Community Service Scholarship**,
Payap University
 Value: THB 10,000 (≈USD 360)
 Received in recognition of volunteer service rendered to the students of Shalom Arts and Leadership College in Mae La Refugee Camp, Tak Province, Thailand.

Training and Certifications

- May 2023 - **BrainHack School 2023**,
 Jun 2023 *Université de Montréal and National Taiwan University*
 Project title: "Predicting feedback perception in an online language learning task using EEG and machine learning" (with Stephanie Fu; Link)
 Intensive 4-week Hackathon style course focused on advanced data preprocessing and analytical techniques for human brain neurophysiological data such as EEG/ERP, MEG, and MRI.
- Jun 2022 **Academic Research Ethics Education (AREE) Certification**,
Ministry of Education (MOE), Taiwan R.O.C.

University, Community, and other Service

- 2023 **Web Manager**, *13th Workshop on Theoretical East Asian Linguistics (TEAL-13)*
 Designed and maintained conference website and media content. (Link)
- 2022-present **Web Manager**, *Neurolinguistics Lab, National Taiwan Normal University*
 Designed and maintained lab website and media content. (Link)
- 2019-2020 **Charter President (volunteer)**, *Rotaract Club of Payap University (RCPYU)*
 First student president of the RCPYU, leading its establishment to promote student-led service projects to benefit local communities in Chiang Mai and wider Thailand.
- 2018-2019 **Chief Editor and Graphic Designer**, *'EC Express' Newsletter, Payap University*
 Edited and designed the online student newsletter of the Dept. of English Communication.
- 2016-2018 **Full-time National Service (military)**, *Singapore Armed Forces*
 Served in roles related to military security, personnel database management, and access control. Rank: Corporal. Last appointment: Pass Office In-Charge.

Human Languages

English	Native language	<i>Including Singapore Colloquial English (Singlish)</i>
Mandarin	Intermediate	<i>Traditional script (繁體中文)</i>
Thai	Beginner	<i>Able to read and write</i>
Malay	Beginner	<i>Elementary conversational competence</i>

Computational Skills

Computer Languages

R Proficient
L^AT_EX Intermediate
Bash Beginner

Python Beginner
HTML Beginner
Java Beginner

Tools

Git/GitHub Intermediate
E-Prime 3 Proficient

SPSS Intermediate
PCIBex Beginner

References

- Shiahui Chan 詹曉蕙, Ph.D.
Professor
National Taiwan Normal University, TW
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- Chun-Yin Doris Chen 陳純音, Ph.D.
Distinguished Professor and Chair
National Taiwan Normal University, TW
chunyin@gapps.ntnu.edu.tw
- Yuda Lai 賴昱達, Ph.D.
Associate Professor
Nat'l Taipei University of Education, TW
yudalai@mail.ntue.edu.tw
- Michael J. Day, Ph.D. FRSA SFHEA
Associate Professor (Reader)
University of Greenwich, UK
drmjday@outlook.com
- Tony Waters, Ph.D.
Professor Emeritus
California State University, Chico, USA
twaters@csuchico.edu
- Merisa Skulsuthavong, Ph.D.
Assistant Professor
Xi'an Jiaotong-Liverpool University, CN
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