EMMA V. M. LANDRY

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Fielding School of Public Health ⋄ Los Angeles, CA 90095

EDUCATION

PhD in Biostatistics   September 2021 - Present
University of California, Los Angeles   *Los Angeles, CA*

GPA: 4.0
Advisor: Donatello Telesca

MSci in Mathematics   September 2017 - June 2021
Imperial College London   *London, United Kingdom*

First class honours
Advisor: Seth Flaxman

PROFESSIONAL EXPERIENCE

Graduate Student Researcher   April 2025 - Present
Department of Biostatistics, University of California, Los Angeles   *Los Angeles, CA*

Analysis of transportability of financial literacy score predictions in Belgian schools using double machine learning; development of novel Bayesian methodology for domain adaptation under covariate shift. Supervised by Falco Bargagli-Stoffi.

Graduate Student Researcher   October 2021 - March 2025
Department of Biostatistics, University of California, Los Angeles   *Los Angeles, CA*

Development of Bayesian statistical methodology for the study of Autism Spectrum Disorder through analysis of EEG measurements. Supervised by Donatello Telesca.

Peer tutor   October 2020 - March 2021
Department of Mathematics, Imperial College London   *London, United Kingdom*

Weekly sessions with a group of first year undergraduate students, providing support with courses and solving problem sets.

Undergraduate Student Researcher (UROP)   June 2020 - October 2020
Department of Mathematics, Imperial College London   *London, United Kingdom*

Summer research project focused on modeling gun violence in U.S. cities using a Bayesian spatio-temporal Hawkes model. Supervised by Seth Flaxman, in collaboration with Andrew Holbrook, Charles Loeffler and Alexey Knorre.

AWARDS AND HONORS

Winner of the ASA-SBSS Student Paper Competition   2026
ASA Section on Bayesian Statistical Science

Best Poster Award at the 14th International Conference on BNP   2025
International Society for Bayesian Analysis

Best Poster Award at the ISBA World Meeting 2024   2024
International Society for Bayesian Analysis

Junior Travel Grant for the ISBA World Meeting 2024 ($800)   2024
International Society for Bayesian Analysis, NSF support

Best Poster Award at the UCLA Graduate Research Showcase ($500)   2024
UCLA Graduate Student Association

3 Minute Thesis Competition for UROP, Winner   2020
Department of Mathematics, Imperial College London

Chris Champion Prize   2020
Department of Mathematics, Imperial College London

Winton Capital Management Prize for Mathematics   2019
Department of Mathematics, Imperial College London

SCHOLARSHIPS

Dissertation Year Award ($30,000 + tuition)   2025 - 2026
Division of Graduate Education, University of California, Los Angeles

Division of Graduate Education Fellowship (stipend + tuition)   2021 - Present
Division of Graduate Education, University of California, Los Angeles

Summer Mentored Research Fellowship (SMRF) ($6,000)   2022
Division of Graduate Education, University of California, Los Angeles

PRESENTATIONS

CONTRIBUTED TALKS

WNAR/ IMS Annual Meeting   June 2025
Bayesian Regression in the Wasserstein Space for Density-Valued Data   *Whistler, Canada*

POSTERS

14th International Conference on Bayesian Nonparametrics   June 2025
Bayesian Regression in the Wasserstein Space for Density-Valued Data   *Los Angeles, CA*

Conference on Statistical Learning and Data Science   November 2024
Curve Registration for Mixed Membership Models   *Newport Beach, CA*

ISBA World Meeting   July 2024
Curve Registration for Mixed Membership Models   *Venice, Italy*

UCLA Graduate Research Showcase   April 2024
Curve Registration for Mixed Membership Models   *Los Angeles, CA*

PUBLICATIONS

PREPRINTS

[1] Bargagli-Stoffi F. J., **Landry E.**, Josey K. P., De Beckker K., Maldonado J. E., and De Witte K. *Transporting predictions via double machine learning: predicting partially unobserved students' outcomes.* arXiv preprint *arXiv:2509.12533* (2025+). (Submitted.)

[2] **Landry E.**, Şentürk D., Jeste S., DiStefano C., Dickinson D., and Telesca D. *Modeling EEG spectral features through warped functional mixed membership models.* arXiv preprint *arXiv:2412.08762* (2024+). (Submitted.)

IN PREPARATION

[1] **Landry E.**, Şentürk D., Jeste S., DiStefano C., Dickinson D., and Telesca D. *Bayesian regression in the Wasserstein space for density-valued data.*

[2] **Landry E.**, Telesca D., Bargagli-Stoffi F. J. *Transporting predictions via double Bayesian machine learning.*

TEACHING

Teaching Assistant	April 2025 - June 2025
Department of Biostatistics, University of California, Los Angeles	*Los Angeles, CA*

BIOSTAT 406 (Applied Multivariate Biostatistics)
Instructor : Donatello Telesca

Teaching Assistant	April 2023 - June 2023
Department of Biostatistics, University of California, Los Angeles	*Los Angeles, CA*

BIOSTAT 250C (Multivariate Biostatistics)
Instructor : Donatello Telesca

Teaching Assistant	January 2023 - March 2023
Department of Biostatistics, University of California, Los Angeles	*Los Angeles, CA*

BIOSTAT 250B (Linear Statistical Models)
Instructor : Weng Kee Wong

Teaching Assistant	October 2022 - December 2022
Department of Biostatistics, University of California, Los Angeles	*Los Angeles, CA*

BIOSTAT 250A (Linear Statistical Models)
Instructor : Weng Kee Wong

MENTORSHIP

Harvard College OpenBio Laboratory	June 2024 - August 2024
High School Student Research Project Supervision	

- Jooa Lee, *Analyzing phylogenetic aggregation at varying viral taxonomic ranks via MDS-based cosine distance and its association with zoonosis.*

PROFESSIONAL SERVICE

SERVICE TO PROFESSIONAL SOCIETIES

Secretary of the j-ISBA section	January 2026 - December 2027
International Society for Bayesian Analysis	

SERVICE TO THE UNIVERSITY OF CALIFORNIA, LOS ANGELES

Vice President, Academic Affairs	June 2023 - May 2024
UCLA Graduate Student Association	*Los Angeles, CA*

Graduate Student Representative, Executive Board	October 2023 - June 2024
UCLA Academic Senate	*Los Angeles, CA*

Graduate Student Representative, Graduate Council	October 2023 - June 2024
UCLA Academic Senate	*Los Angeles, CA*

Graduate Student Representative, Legislative Assembly	October 2023 - June 2024
UCLA Academic Senate	*Los Angeles, CA*

Director of Discretionary Funding	October 2022 - May 2023
UCLA Graduate Student Association	*Los Angeles, CA*

PROFESSIONAL SOCIETIES

International Society for Bayesian Analysis	2022 - Present
Member	

Institute of Mathematical Statistics	2024 - Present
Member	

Western North American Region of the International Biometric Society	2025 - Present
Member	

LANGUAGES

Spoken	French (Native), Polish (Native), English (Native), Spanish (Conversational), Italian (Conversational), Mandarin (Basic)
Programming	R, Python, Julia