

Gabriel Doyle

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Education:

University of California, San Diego *Expected completion 2012*
Ph.D. in Linguistics and Cognitive Science
Linguistic Society of America (LSA) Summer Institute 2007
Princeton University 2005
A.B. in Mathematics *cum laude*, Certificate in Linguistics

Honors and awards:

Center for Research in Language (CRL) Pre-Doctoral Fellowship 2008–2009
Funded by CRL's NIH training grant, 'Language, Communication, and the Brain'
Teaching Assistant Excellence Award 2008

Publications and Presentations:

2009. Gabriel Doyle & Charles Elkan. Accounting for burstiness in topic models. Oral presentation at the Computational Statistics and Machine Learning (CoSMaL) Artificial Intelligence Seminar, UC San Diego, February 2, 2009.

2008. Gabriel Doyle & Roger Levy. Environment prototypicality effects on syntactic alternation. Oral presentation at the 2008 meeting of the Berkeley Linguistics Society, February 8–10, 2008. To appear in Proceedings of the 34th Annual Meeting of the Berkeley Linguistics Society.

2008. Gabriel Doyle. Environment prototypicality effects on syntactic alternation. Oral presentation at the Center for Research in Language, UC San Diego, February 5, 2008.

2008. Gabriel Doyle & Roger Levy. Mixed categories and gradient grammatical constraints. Poster presentation at the 2008 Annual Meeting of the Linguistic Society of America, January 3–6, 2008.

2007. J. Grant Loomis & Gabriel Doyle. Durational Differences of /s/ at Prosodic Boundaries. Oral Presentation at Western Conference on Linguistics (WECOL), November 30–December 2, 2007.

2005. Gabriel Doyle. Calculating the Knot Floer Homology of (1,1) Knots. Undergraduate thesis. Princeton U. Mathematics Department. Advised by Jacob Rasmussen.

Research experience:

Graduate Student Researcher, UCSD Computer Science *Spring 2008*
Created a new topic model that can account for observed burstiness in textual and non-textual data.
Advisor: Charles Elkan

Graduate Student Researcher, UCSD Linguistics *Academic Year 2006–2007*
Modelled speaker choice in a syntactic alternation using mixed-effects logistic regression.
Advisor: Roger Levy

Informatics Intern, BodyMedia, Inc. *Summers 2002–2004*
Designed algorithms to estimate caloric expenditure and sleep state with non-invasive data collection.
Supervisor: Dave Andre

Teaching:

Linguistics 17

Winter 2008

Making and Breaking Codes. UCSD. Teaching assistant for Andrew Kehler.

Linguistics 110

Autumn 2007

Phonology. UCSD. Teaching assistant for Amalia Arvaniti.

At-large reviewing:

2009. Journal of Zhejiang University, Science A

2007. 18th International Congress of Linguists (CIL18)

Academic service:

Conference Organization

Organizing Committee member/Webmaster for Western Conference on Linguistics 2007 (WECOL07)

Department committees

Admissions Committee (2008–2009)

External Relations Committee (2006–2008)

Memberships:

Linguistic Society of America

2007–

American Association for the Advancement of Science

2008–