

Emily Thomforde

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Education **Swarthmore College** *Swarthmore, PA* 2004.
B.A. Linguistics. GPA = 3.75. Edith Ogden Harrison
Memorial Scholarship.
Macquarie University *Sydney, Australia* 2003.
Study Abroad. Centre for Language Technology.
Kennett High School *Kennett Square, PA* 2000.
Valedictorian. National Merit Finalist. Department
awards in Mathematics and Foreign Language.
**Pennsylvania Governor's School for International
Studies** *Pittsburgh, PA* Summer Program 1999.

Research

2002-2004 Vowel Harmony Calculator: Online corpus analysis tools
developed under the Altai-Sayan Language and Ethnogra-
phy Project.
(<http://penguin.pearson.swarthmore.edu/~vharmony>)

2003-2004 Senseval-3: Statistical word-sense disambiguation systems
submitted for international competition at the Associa-
tion for Computational Linguistics, Barcelona.

2004 "Secret Agents: Synthetic Approaches to Language Evo-
lution." Senior Thesis, Applied Linguistics Award.

2004 Machine Translation: Independent research project, Richard
Wicentowski, advisor.

2003 "A Bug's Life: Modeling Phonological Pattern Change
in Agent-Based Systems." Presentation to the Centre for
Language Technology, Macquarie University, Sydney.

Work Experience

- Summer 2004 **Legal Consultant:** Code reader and expert witness for computer law firm Russo and Hale LLP, Palo Alto.
- Spring 2002–2004 **Research Assistant:** Computer modeling, software development, and statistical analysis for projects in Turkic phonology with K. David Harrison.
- Fall 2002, 2003 **Teaching Assistant:** Phonetics and Phonology, Swarthmore College. Grader, clinician, and technical support.
- Spring 2001, 2002 **Registrar, Alumni Relations Office:** Database management and public relations for reunion weekends, Swarthmore College.

Publications

Richard Wicentowski, Emily Thomforde, and Adrian Packel. (2004) The Swarthmore College Senseval-3 System. In *Proceedings of the SENSEVAL-3 Workshop*.

Richard Wicentowski, Grace Ngai, Dekai Wu, Marine Carpuat, Emily Thomforde, and Adrian Packel. (2004) The Swarthmore College Senseval-3 System. In *Proceedings of the SENSEVAL-3 Workshop*.

K. David Harrison, Mark Dras, and Emily Thomforde. The Rise and Fall of Vowel Harmony; An Agent-Based Model. (in progress)

K. David Harrison and Emily Thomforde. A Statistical Model of Vowel Harmony. (in progress)

Skills

Languages: Spanish, German, Latin

Programming: C, Objective C, Perl, Python, Java

Coursework: Syntax, Semantics, Phonology, Statistics, Logic, Algorithms and Object-oriented Computing, Computational Linguistics, Corpus Linguistics, Information Retrieval and Natural Language Processing, Machine Translation, Artificial Intelligence