

C U R R I C U L U M V I T A E
KEVIN B. MCGOWAN

CONTACT INFORMATION

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EDUCATION

University of Michigan	Ph.D. in Linguistics, in progress. Specialization: Phonetics & Computational Linguistics Advisors: Steven P. Abney & Patrice Speeter Beddor
Stanford University	Summer Institute of the Linguistic Society of America, 2007.
Johns Hopkins University	JHU Summer School on Human Language Technology, 2006.
University of Michigan	B.A. in Linguistics, 1996.

RESEARCH INTERESTS

Phonetics/Phonology	Speech Perception, Speech Production, Language Acquisition & Change
Computational Linguistics	Speech Synthesis, Speech Recognition, Machine Learning, Statistical Machine Translation
Psycholinguistics	Auditory Perception, Production

FELLOWSHIPS & AWARDS

National Science Foundation	Honorable Mention, Graduate Research Fellowship, 2008
Pre-Candidate Research Grant	Rackham Graduate Student Research Grant, Rackham Graduate School, University of Michigan, 2008
Linguistic Society of America	LSA Linguistic Institute Fellowship, LSA Summer Institute, Stanford University, 2007
Summer Research Grant	Department of Linguistics, University of Michigan, 2007.
First-Year Fellowship	Department of Linguistics, University of Michigan, 2006 - 2007.
NAACL Summer School	North American Chapter of the Association for Computational Linguistics, 2006.
Non-Traditional Fellowship	Rackham Graduate School, University of Michigan, 2005 - 2006.

PROFESSIONAL EXPERIENCE

Journal Assistant and Board Member	<i>Language Learning</i> , Blackwell Publishing, 2007
Research Assistant	Professors P.S. Beddor & A. Coetsee, Michigan Phonetics & Phonology research assistant, 2007 - 2008.

Senior Technologist	ITCS - Web Production, University of Michigan, 1997 - 2007.
Programming Instructor	School of Information, University of Michigan, 2006 - 2007.
Guest Lecturer	Information Technology Security Services, University of Michigan, 2004 - 2007.
Technical Trainer	Information Technology Division, University of Michigan, 1997 - 1999.
Network Administrator	School of Education, University of Michigan, 1997 - 1999.
Research Assistant	Department of English, University of Michigan, 1993 - 1994.

PRESENTATIONS & PANELS

- MCWOP 14 Mid-Continental Workshop on Phonology – “Lexical Reflexes of the Syllable Contact Law”, October 2008
- CUNY Conference On The Syllable – “Allophonic cues to syllabification”, January 2008 (second author with Andries Coetzee)
- Michigan Computational Linguistics and Phonetics/Phonology Research Groups – “Articulatory Modeling for Concatenative Speech Synthesis”, October 2007.
- Michigan Computational Linguistics Research Group – “Using the Statistical Machine Translation Pipeline”, April 2007.
- Michigan Linguistics – “Linguistics in the Real World”, panel member, Undergraduate Concentration Fair, Ann Arbor, 2007.
- Internet2 – Open-Source Web Initial SignOn Packages, Presenter, Enterprise Authentication Workshop, Boulder, 2003.
- EduCause – The Quest for Web Single-SignOn, Presenter, Anaheim, 2003.
- ApacheCon – Open Source Web Single SignOn, Presenter, Las Vegas, 2003.
- Internet2 – WebISO Versions and Implementation Strategies, Panel member, San Diego, summer 2004.

UNPUBLISHED PAPERS

- “Modeling Language Change within a Dynamic Social Network”, 2007, Ann Arbor: University of Michigan, ms.
- “Connectionism, Innateness, and Creolization: Modeling the ‘bioprogram’ without UG”, 2007, Ann Arbor: University of Michigan, ms.
- “Cross Language Perception of Tamil Nasal Consonants”, 2006, Ann Arbor: University of Michigan, ms.
- “Reflexive Pronouns in Subject Position: Southern Hiberno-English”, 2006, Ann Arbor: University of Michigan, ms.
- “Word Sense Disambiguation By Humans and Machines”, 2006, Ann Arbor: University of Michigan, ms.
- “Building a Statistical Machine Translation System with Off-the-shelf Software”, 2006, Ann Arbor: University of Michigan, ms.
- “Measuring the Web at the University of Michigan”, 2004, Ann Arbor: University of Michigan, ms.
- “Emma: A Natural Language Question Answering System for umich.edu”, 2001, Ann Arbor: University of Michigan, ms.

DEPARTMENTAL SERVICE

Colloquium Co-Chair	Co-chair of Michigan Linguistics Colloquium Committee, 2007-2009
Web Programming	Active member of web site oversight and programming committee, 2006 - 2008
Departmental Newsletter	Contributed review of the <i>Experimental Methods in Optimality Theory</i> (ExPOT) conference. 2006-2007

MEMBERSHIPS

ACL	Association for Computational Linguistics, 2006 - present.
LSA	Linguistic Society of America, 2006 - present.

SELECTED SOFTWARE PROJECTS

CoSign	Open Source Web Single SignOn (co-project lead, developer, outreach). http://weblogin.org/
ChomskyBot	Pseudo-random Sentence Generator and Gentle Mockery Engine. http://rubberducky.org/cgi-bin/chomsky.pl
ldapweb	Web-based LDAP Directory Client. http://directory.umich.edu/
Emma	Natural Language Question Answering System.
Concorde	Bayesian E-Mail Classification & Filtering.
kpasswd.cgi	Web-based Kerberos password changer.

SKILLS & INTERESTS

Human Languages Studied	German, French, Old English, Latin, Irish, Tamil, Montana (Bitterroot) Salish.
Programming Languages	python, perl, C, JavaScript, awk, tcl, Bourne, SQL, Java, Objective C
Technologies	RDBMS systems (Oracle, MySQL, PostgreSQL), UNIX administration & programming (Linux, OpenBSD, MacOS, Solaris, SunOS, AIX, etc.), HTML, XML, CSS, \LaTeX
Hobbies	Bodhrán, guitar, cycling