

Sean McLennan

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EDUCATION

	Doctor of Philosophy INDIANA UNIVERSITY	current (expected graduation winter 2007) BLOOMINGTON, INDIANA
<i>Major:</i>	Linguistics / Cognitive Science	
<i>Awards:</i>	2004 Summer Research Fellowship (Cognitive Science Department) 2003 Assistant Instructor-ship (Cognitive Science Department Fall 2003) 2003 Summer Research Fellowship (Cognitive Science Department) 2002 Assistant Instructor-ship (Cog Sci & Linguistics Departments 2002/2003 academic year) 2002 Summer Research Fellowship (Cognitive Science Department) 2001 Edward's Fellowship (1 year academic funding; for "leadership and potential promise to society") 2001 Steinmetz Fellowship (Funds a one month research residency at the Santa Fe Institute) 2000 Summer Research Fellowship (Cognitive Science Department) 2000 Assistant Instructor-ship (Cog Sci & Linguistics Departments 2000/2001 academic year) 1999 Assistant Instructor-ship (Cog Sci & Linguistics Departments 1999/2000 academic year) 1999 Sir James Lougheed Scholarship (Alberta Heritage Scholarship Fund) 1998 Sir James Lougheed Scholarship (Alberta Heritage Scholarship Fund)	
	Masters of Arts INDIANA UNIVERSITY	2002 BLOOMINGTON, INDIANA
<i>Major:</i>	Linguistics / Cognitive Science (completed as part of PhD above)	
	Complex Systems Summer School SANTA FE INSTITUTE	2000 SANTA FE, NEW MEXICO
	Bachelor of Arts with First Class Honours UNIVERSITY OF CALGARY	1996 CALGARY, ALBERTA
<i>Major:</i>	Linguistics	
<i>Minor:</i>	Japanese	
<i>Awards:</i>	1996 2nd place, Intermediate Category, Fifth Alberta District Japanese Language Speech Contest - Consulate General of Japan at Edmonton. Grand Prize, Seventh Annual National Japanese Speech Contest Consulate General of Japan at Vancouver Selected as an "Outstanding Representative of the 1996 Graduating Class" by the Chancellor of the University of Calgary. Sekiguchi Book Prize - Dr. Reiko Sekiguchi, Comparative Sociology & Ed. Toshokan Joho University 1994 Dean's List for 1993-1994 term Alberta Heritage Scholarship (Louise McKinney) University of Calgary Undergraduate Merit Award 1992 Lorne Dowling Scholarship University of Calgary Undergraduate Merit Award 1991 Alexander Rutherford Scholarship University of Calgary Matriculation Merit Award	
	Certificate in TESOL (Teacher of English to Speakers of Other Languages) CANADIAN GLOBAL TESOL TRAINING INSTITUTE	1996 EDMONTON, ALBERTA
	Alberta Advanced High School Diploma (With Honours) FOOTHILLS COMPOSITE HIGH SCHOOL	1991 OKOTOKS, ALBERTA

EMPLOYMENT

	Manager of Linguistics ZI CORPORATION	October 2004 - current CALGARY, ALBERTA
<i>Responsibilities:</i>	Management of a team responsible for the development of linguistic databases for use in predictive text entry software for mobile devices.	

Instructor
INDIANA UNIVERSITY

January - May, 2004
BLOOMINGTON, INDIANA

Responsibilities: Administration and Instruction of:
L103 - Introduction to Linguistics

Associate Instructor
INDIANA UNIVERSITY

September - May, 1999 - 2001, 2002 - 2003, September - December 2003
BLOOMINGTON, INDIANA

Responsibilities: Preparation and presentation of labs, discussion sections, assignments, and some lectures for:
Q500 - Introduction to Cognitive Science (under Robert Port)
E105 - Born to Be a Genius (under Phil Connell and Steve Franks)
Q240 - Philosophical Foundations of Cognitive and Information Science (under Brian Cantwell Smith, Brian Bowdle, and Andy Clark)
L103 - Introduction to the Study of Language (under Stuart Davis)

Assistant Editor
NATSUKO TSUJIMURA, JAPANESE LINGUISTICS

October 2003 - March 2004
BLOOMINGTON, INDIANA

Responsibilities: Preparation of a three volume collection of seminal works in Japanese linguistics

Assistant Editor
NATSUKO TSUJIMURA, JOURNAL OF JAPANESE LINGUISTICS

October 2002 - March 2004
BLOOMINGTON, INDIANA

Responsibilities: Editing and formatting of papers for publication

Faculty Member
SHAD VALLEY CALGARY

July 2002, July 2003, July 2004
CALGARY, ALBERTA

Responsibilities: Preparation and presentation of daily lectures and seminars on science / technology / business topics; general care and maintenance of program participants

Program Assistant
SHAD VALLEY CALGARY

July 1999, July 2000, July 2001
CALGARY, ALBERTA

Responsibilities: Design and presentation of seminars on science / technology / business topics; general care and maintenance of program participants

Columnist
ENGLISH EXPRESS - PUBLISHED BY ASAHI PRESS

March 1997 - March 2003
TOKYO, JAPAN

Responsibilities: (Piece Work) Writing monthly articles concerning English language usage on the Internet to be published in *English Express*, a magazine for English learners put out by CNN International in Japan.

Writer
OUTLOOKS - PUBLISHED BY SUPERMARKETING INC.

November 2000 - August 2002; August 2005 - current
CALGARY, ALBERTA

Responsibilities: (Piece Work) Writing monthly articles concerning gay, lesbian, bisexual, and transgender issues. OUTLOOKS is a monthly, free, nationally distributed newspaper for the Canadian GLBT community.

Web Master / Web Design
VARIOUS

March 1998 - May 2004 (various periods)
BLOOMINGTON, INDIANA

Responsibilities: Design and/or maintenance of (content/design may have changed):
IU Linguistics Department (<http://www.indiana.edu/~lingdept/>)
IULC Publications (<http://www.indiana.edu/~iulc/>)
IU Speech and Hearing Sciences Department (<http://www.indiana.edu/~sphsdept/>)
Speech and Hearing Aphasia Group (<http://www.indiana.edu/~aphasia/>)
Journal of Studies in African Linguistics (<http://www.indiana.edu/~sal/>)

Computer Consultant
IU - UNIVERSITY INFORMATION AND TECHNOLOGY SERVICES

January 1998 - May 1999
BLOOMINGTON, INDIANA

Responsibilities: Maintenance of University computer labs, answering customer questions on a variety of applications on Windows, MAC, and UNIX platforms. (Received "Consultant of the Month" for March)

English Language Instructor
BRITANNICA'S INTERNATIONAL MASTER'S ACADEMY (IMA)

March 18 1997 - May 25 1998
YOKOHAMA, JAPAN

Responsibilities: (Semi-Full Time) Preparation and instruction of English language lessons for students of all ages and levels.

- English Language Instructor** **January 1997 - March 1998**
 YMCA YOKOHAMA, JAPAN
- Responsibilities:* (Part-Time) Preparation and instruction of English language lessons. Classes have ranged from elementary school to adult at all levels.
- English Language Instructor** **September 30 1996 - March 17 1997**
 TOZA GAIGO GAKUIN YOKOHAMA, JAPAN
- Responsibilities:* Preparation and instruction of English language lessons for students of all ages and abilities.
- Academic Assistant** **July 1996**
 STUDENT RESOURCE CENTER, UNIVERSITY OF CALGARY CALGARY, ALBERTA
- Responsibilities:* Assisting a blind speech pathology student with daily class work, assignments, and library research. Also providing tutorials on linguistic subjects when required
- Research Assistant** **September 1995 - June 1996**
 DR. EITHNE GUILFOYLE, UNIVERSITY OF CALGARY CALGARY, ALBERTA
- Responsibilities:* Formatting of Irish first language acquisition data to be submitted to the "CHILDES" database
 Searching of same database to extract desired information
 Editing of academic papers
- Editor** **March 1996**
 DR. X.J. YANG, UNIVERSITY OF CALGARY CALGARY, ALBERTA
- Responsibilities:* Short term contract for the editing of the English translation of a Japanese movie
- Research Assistant** **May - August 1995**
 DR. MICHAEL DOBROVOLSKY, UNIVERSITY OF CALGARY CALGARY, ALBERTA
- Responsibilities:* Finding native speakers of foreign languages, creation of word lists, and recording of speakers
 Development of CD-ROM software to playback recordings in classroom environment
- Product Assembler** **May - August 1992, 1993, 1994**
 NOR'WEST CONTROLS CANADA INC. CALGARY, ALBERTA
- Responsibilities:* Assembly of electrical products, product delivery, customer relations
- Draftsman / Office Worker** **June - August 1989, 1990, 1991**
 NOR'WEST CONTROLS CANADA INC. CALGARY, ALBERTA
- Responsibilities:* CAD drafting, data entry, filing, phones

OTHER MEMBERSHIPS / ORGANIZATIONS AND POSITIONS HELD

Professional:

- YOGA ASSOCIATION OF ALBERTA
Teacher in Training **June 2006 - current**
 CALGARY, ALBERTA
- INDIANA UNIVERSITY LINGUISTICS CLUB
President **January, 2000 - January, 2002**
Web Master (<http://www.indiana.edu/~iulcsecy/>) **January, 1999 - January, 2002**
Librarian **January, 1999 - January, 2000**
 BLOOMINGTON, INDIANA
- IULC WORKING PAPERS ONLINE
Associate Editor **April, 2001 - February, 2002**
Web Master (<https://www.indiana.edu/~iulcwp/>) **April, 2001 - February, 2002**
 BLOOMINGTON, INDIANA
- NEW YORK ACADEMY OF SCIENCE
Member **1993 - current**
- PLEXUS INSTITUTE
Member **2001 - current**
- COGNITIVE SCIENCE SOCIETY
Member **2001 - current**
- LINGUISTIC SOCIETY OF AMERICA

	Member	2002 - current
	ACOUSTICAL SOCIETY OF AMERICA Member	2002 - current
Community:	YOUTH EVERYWHERE AGAINST HIV (YEAH) NOW! Webmaster (http://www.yeahnow.org)	September 2006 - current CALGARY, ALBERTA
	HALLMARK ESTATES Board Member	June 2006 - current CALGARY, ALBERTA
	GLBT Peer Support Peer Supporter	January, 2002 - May 2004 BLOOMINGTON, INDIANA
	SHOUT Coordinator / Facilitator Webmaster (http://shout.shaav.com)	June, 2000 - current November, 2000 - current ONLINE COMMUNITY
	GLBT SPEAKER'S BUREAU Panelist	September, 1999 - May 2004 BLOOMINGTON, INDIANA
	ASTRA Archivist Department Head Vice-President Editor ("Astradiem" - Approx. 40pg. bimonthly magazine of the Astra)	1994 - 1996 1994 - 1996 1990 - 1993 1990 - 1993 CALGARY, ALBERTA
Recreational:	WESTERN CANADIAN COSTUMERS' GUILD Member	1995 - current CALGARY, ALBERTA
	TWILIGHT THEATRE Member	1994 - 1997 CALGARY, ALBERTA

ACADEMIC PUBLICATIONS PRESENTATIONS AND PROJECTS

Publications:

- McLennan, Sean (in press) Guy, Guys, and Gender Neutrality. *Proceedings of the Chicago Linguistics Society 41*.
- McLennan, Sean (2003) Dynamic Frames in Event Structure. *Proceedings of Lingüística 2003*.
- McLennan, Sean and Steve Hockema (2002) Spike-V: An Adaptive Mechanism for Speech-rate Independent Timing. *IULC Working Papers Online* 02-01. <https://www.indiana.edu/~iulcwp/>
- McLennan, Sean (2002) Sonority Contours in Speech Recognition: An Examination of the Hoosier Mental Lexicon. *IULC Working Papers Online* 01-05. <https://www.indiana.edu/~iulcwp/>
- McLennan, Sean (1996) Sociolinguistic Analysis of Serbo-Croatian. *Calgary Working Papers in Linguistics* 18.

Presentations:

- "Gay" Sexism: Linguistic Sexism in the Language of the GLBT Community. Talk: OutRights Human Rights Conference, Calgary, AB. April 3, 2007
- Social Activism: Implications from Evolutionary Psychology. Talk: OutRights Human Rights Conference, Calgary, AB. April 2, 2007
- Linguistic Rhythm: A Dynamical Model. Poster: PSP2005, London, UK. June 16th 2005.
- Guy, Guys, and Gender Neutrality. Talk: Chicago Linguistics Society, Chicago, IL. April 15th, 2004.
- Dynamic Frames in Event Structure. Talk: Lingüística 2003, Havana, Cuba. November 24th 2003.
- Sonority Contours in Speech Recognition: Chain Whisper Dynamics. Poster: 145th Meeting of the Acoustical Society of America, Nashville, TN. April 30, 2003.
- Schema Theorem in Language Acquisition: A Rags to Riches Story. Talk: Bootstrapping Language Acquisition (BOOT-LA), Bloomington, IN. April 23, 2003.
- Social Activism: Implications from Evolutionary Psychology. Talk: 5th Annual UNCA GLBT Studies Conference, Asheville, NC. March 21, 2003.
- Lavendar Language: Linguistics and Homosexuality. Invited Talk: Gender and Language, Indiana University, Bloomington, IN. October 3, 2001; February 10, 2003.

Current / Recent Projects:

Habituation for Dynamic Temporal Discretization - the addition of a habituation model front-end to an Elman Net to provide real-time dynamic discretization of continuous input signals.
Homogeneous Events: The Domain of *have-en*, *be-ing*, and *te-iru* - a characterization of certain differences in the Japanese and English Tense / Aspect systems. Presents a potentially generalizable geometric view of tense and aspect (submitted for publication)
Constrain, Conform, Cry Out, Create - a book about constraints and creativity in visual art.
For Your Information: Straight Answers to Queer Questions - book about the GLBT Speakers Bureau, an educational program at Indiana University.
They: Grammatical Distribution and Agreement - exploration of the possible syntactic environments in which "they" used as 3rd person singular in cases of unspecified or indeterminate gender, is grammatical.
Model of Neural Synchrony for Short-term Memory and Chunking - a neural network model that incorporates synchronous and asynchronous firing to characterize the "seven plus or minus two" phenomenon of short-term memory.
Evolving an Embodied Multi-Agent Neural Network - a StarLogoT model that uses a genetic algorithm to evolve the parameters of a multi-agent neural network model that controls the movement of an agent searching for "food".
Klatt Synthesizer in Simulink - a MatLab Simulink realization of a Klatt Speech Synthesizer.
WordCat - a word recognition utility inspired by "Copy Cat" architecture and based on letter transition statistics. Intended as the bottom end of a more complete Copy Cat-like text parser.

OTHER SKILLS AND EXPERIENCE

Academic / Professional:

- Have completed the course "Introduction to Capability Maturity Model Integration Combined (Staged and Continuous), V1.1
- Standard First Aid and CPR Certified
- Completed an honours thesis, "The Split VP Hypothesis, Verbal Nouns, and Japanese" (65pp.) as partial fulfilment of the requirements for my undergraduate degree.
- Completed Dale Carnegie Human Relations Course
- Have completed levels I & II of the "Gems of Excellence" success program
- Participated in "Shad Valley" at Acadia University, Wolfville, Nova Scotia in 1991 (a month long science, engineering and business program held at several universities across Canada)

Computer Skills:

- Familiar with MS-DOS, Windows, Macintosh, Unix and Linux operating systems
- Familiar with a wide range of tools for word processing, desktop publishing, graphic design, digital signal processing, statistical analysis, communications, and multimedia, including Word Perfect Office, Microsoft Office (esp. advanced Excel and Access), Photoshop, Pagemaker, Acrobat, SPSS, LaTeX, HTML, CSS
- Familiar with the following programming languages/environments/tools: Perl, SQL, MySQL, C, C++, Pascal, Matlab, StarLogoT, VB, VBA, VB.NET

International / Cultural:

- Have fulfilled graduate proficiency requirements for Japanese and French
- Have worked with Dr. X.J. Yang on a Japanese language learning software project
- Studied German for 3 years at university level
- I have participated in a number of educational trips to: Europe (German speaking countries), the (then) USSR, Indonesia, Britain, Egypt, Cuba, Italy, across Canada and the US, and I lived and worked in Japan for nearly 2 years.

INTERESTS

Other Non-Academic Interests:

- I was a founding member of a non-profit organization, "Astra", of approximately 75 people (located in Calgary). I have served on the executive of this organization in a number of positions detailed above. We officially support the SHARP (Society Housing for AIDS Restricted Persons) Foundation and since July, 1993 we have donated significantly to the foundation. We also participate in many other activities that support other local charities such as: The Alberta Children's Hospital, The Canadian Paraplegic Association, and The Foothills Burn Unit.
- I am committed to improving education concerning gay, lesbian, bisexual, and transgender (GLBT) issues both within and outside of the GLBT community. In the past, this was primarily expressed through the Astra and my writing position with OUTLOOKS, a Canadian GLBT newspaper; and

currently, Shad Valley, ShOUT (an online organization I began to bring together GLBT Shad Valley alumni), the GLBT Speakers Bureau, Ally, Crossroads, and OUT (which are GLBT organizations at Indiana University).

- I also have active interests in:

Art: I draw and paint on a regular basis - particularly portraits and Celtic Knotwork

Music: I have had 10 years of formal music training and still play recreationally.

Costuming: I am a member of the Western Canadian Costumer's Guild and have won numerous awards at a variety of contests across Alberta.

Computers: I have been using computers both professionally and recreationally since early childhood.

Languages: Languages have fascinated me all my life and have significantly affected my studies and career goals.

Yoga: I have maintained an active practice since 2000 and am pursuing teaching certification through the Yoga Association of Alberta.

Global Justice: I have been increasingly concerned and active in world-wide issues such as the environment, human rights, and the effects of globalization.

References and documentation of degrees, certificates, awards, and grades available upon request.