## **Curriculum Vitae: Gail Sinclair**

### **Personal Details**

Name:	Gail Sinclair	Date of birth:	19/04/73
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# Education

#### University of Edinburgh

11/04 to present	PhD in Informatics	
<b>Research Interest</b> :	Application driven computational linguistics.	
<b>Research Topic:</b>	Marking Time in Developmental Biology: temporal grounding of biological events in text.	
Additional Duties:	Teaching Assistant: Data and Analysis (UG course).	
	Tutoring: Processing Formal and Natural Languages (UG) and Logic Programming (MSc).	
	Marking: UG courses: Processing Formal and Natural Languages; Reasoning and Agents;	
	Data and Analysis; Computation and Logic	
	MSc courses: Logic Programming; AI Programming in Prolog.	
	Demonstrating: MSc Prolog.	
10/98 to 07/02	BSc(Hons)2:1 in Artificial Intelligence and Computer Science	
Subjects studied:	Statistical Natural Language Processsing, Machine Learning, Human Computer Interaction,	
	Research Methodology and Statistics, Programming Methodology, Cognitive Modelling,	
	Databases, Cognitive Neuroscience of Language, Algorithmic/Computability	
	Issues, Computer Networking, Reasoning Agents	
Honours Project:	Surfing The Mouse Atlas	
	Based on Medical Research Council's Mouse Atlas: identifying inconsistencies in the existing	
	database and increasing user satisfaction with regards to search.	
	Published at 2002 ACL workshop Natural Language Processing in the Biomedical Domain,	
	University of Pennsylvania.	

### **Research Employment History**

10/02-10/04 **Research Associate** University of Edinburgh (Edinburgh) Research in Bioinformatics in collaboration with the Department of Medical Informatics, Stanford University. Our successful goal was to improve upon existing Stanford work on biomedical text categorisation according to Gene Ontology (GO) codes via lexical and syntactic properties of the text.

07/02-9/02 **Intern** *Human Genetics Unit (Edinburgh)* Manual and automatic text mining for biological entities and events. Editing Mouse Atlas Nomenclature with information gained from undergraduate project

### **Computing Languages:**

C, C++, HTML, Java, LaTeX, ML, Perl, PHP, Prolog, Python, SGML, SQL, UNIX/LINUX, XML

#### **Personal Information**

The delay in my further education resulted in my gaining experience in the work place, standing me in good stead in my future career as I now have the maturity and common sense to apply myself well to all challenges. I have a calm demeanor and am capable of using strong initiative. My experience, prior to my enrolment at Edinburgh University, in hospitality management where most tasks have a limited turn-around time has given me the ability to deal swiftly and practically when faced with last minute problems rather than being panic-driven.

**Volunteering**: I am a keen volunteer in a variety of areas including conferences (IJCAI 2005, ISMB 2004, volunteer co-ordinator for ACL/Coling 2006), sports events (Edinburgh Marathon, Edinburgh Rat Race), conservation projects (ARCAS turtle conservation, Guatemala) and non-profit organisations (Yoga in Daily Life Ashram, Sydney).

Science Communication: I believe in encouraging students of all ages to be interested in science so that they may make the application of it their career. I am a member of the *British Association* and the *Researchers in Residence* and *Science and Engineering Ambassadors* schemes. I will be one of the judges for this year's Young Engineers K'nex Challenge for primary school children.

### **Selected Peer-Reviewed Publications**

Gail Sinclair and Bonnie Webber.

*Marking Time in Developmental Biology: A corpus annotated for developmental entities and stages.* ACL Workshop on BioNLP: Biological, translational and clinical language processing, Prague, June, 2007.

Gail Sinclair, Bonnie Webber and Duncan Davidson.

Marking Time in Developmental Biology: Annotating Developmental Events and their Links with Molecular Events. ACL Workshop on Annotating and Reasoning about Time and Events, Sydney, Australia, July, 2006.

*Classification from Full Text: A Comparison of Canonical Sections of Scientific Papers.* Joint Workshop on Natural Language Processing in Biomedicine and its Applications, Geneva, August, 2004.

Shipra Dingare, Jenny Finkel, Chris Manning, Huy Nguyen, Malvina Nissim and Gail Sinclair. *Exploiting Context for Biomedical Entity Recognition: From Syntax to the Web.* Joint Workshop on Natural Language Processing in Biomedicine and its Applications, Geneva, August, 2004.

Jochen L. Leidner, Gail Sinclair, Bonnie Webber. Grounding spatial named entities for information extraction and question answering. HLT-NAACL Workshop : Analysis of Geographic References, Edmonton CA, May-June, 2003.

Gail Sinclair, Bonnie Webber and Duncan Davidson. Enhanced Free Text Access to Anatomically-Indexed Data. ACL Workshop on Natural Language Processing in the Biomedical Domain, Philadelphia PA, July 2002.