

ROBIN K. HILL

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EDUCATION

State University of New York at Buffalo (August, 1988–June, 1994)

Ph.D. in Computer Science, June 1st, 1994

Dissertation: *Issues of Semantics in a Semantic-Network Representation of Belief*

Director: William J. Rapaport

New Mexico State University, Las Cruces, New Mexico 88003. (August, 1987–May, 1988)

University of Colorado, Boulder, Colorado 80309. (August, 1984–May, 1987)

Graduate studies in Computer Science

University of Arizona (August, 1978–December, 1979)

M. S. in Management Information Systems, 1981

University of East Anglia (September, 1977–June, 1978)

M. A. in Mathematical Logic, 1979

University of Wyoming (September, 1971–June, 1975)

B. A. in Philosophy, 1975

PROFESSIONAL APPOINTMENTS

Ellbogen Center for Teaching and Learning, University of Wyoming

Laramie, Wyoming 82071

Coordinator of Instructional Computing (August 27, 2002 to present)

Ellbogen Center for Teaching and Learning, University of Wyoming

Laramie, Wyoming 82071

Instructional Computing Designer (August, 2001 to August, 2002)

Department of Computer Science, University of Wyoming

Laramie, Wyoming 82071

Visiting Assistant Professor (1996 to 2001)

Wyoming Community College Commission

Cheyenne, Wyoming 82002

Consultant (2/96–6/96)

University of Maryland European Division (Graduate Programs)

UMUC Overseas Programs, 3501 University Boulevard East, Adelphi, Maryland 20783

Lecturer (1994–1995)

Department of Computer Science, State University of New York at Buffalo

Buffalo, New York 14260-2000
Lecturer (1993-1994)

Department of Mathematical and Computer Sciences, Metropolitan State College

Denver, Colorado 80217
Visiting Assistant Professor (1992-1993)

Department of Computer Science, State University of New York at Binghamton

Binghamton, New York 13902
Lecturer (1990-1992)

Department of Computer Science, State University of New York at Buffalo

Buffalo, New York 14260
Teaching Assistant (1/89-5/89)

Research Foundation of New York (Watson School, SUNY-Binghamton)

Binghamton, New York 13902
Senior Education Specialist (8/88-12/88)

Department of Business Computer Systems, New Mexico State University

Las Cruces, New Mexico 88003
College Assistant Professor (1/88-5/88)
Graduate Assistant (8/87-12/87)

Department of Computer Science, University of Colorado

Boulder, Colorado 80309
Research Assistant (6/86-5/87)
Instructor (Spring 1981)

Department of Computer and Management Science, Metropolitan State College

Denver, Colorado 80217
Assistant Professor (8/83-12/85)
Instructor (8/82-8/83)

Computer Data Systems, Inc.

Lakewood, Colorado 80228
Senior Technical Staff (6/85-9/85)

Storage Technology Corporation

Louisville, Colorado 80028
Software Engineer (6/80-8/82)

Department of Management Information Systems, University of Arizona

Tucson, Arizona 85721
Teaching Assistant (8/78-12/79)

Wyoming Human Services Project

University of Wyoming, Laramie, Wyoming 82071
Research Associate (8/76-7/77)

TEACHING EXPERIENCE

University of Wyoming (1996-2007)

PHIL 2420: Logic I (Critical Thinking), for Online UW
PHIL 3420: Logic II (Symbolic Logic), for Online UW
ADED 5890: College Teaching for Graduate Students
COSC 5050: Research Writing for Computer Science
COSC 4820/5820: Database Systems
COSC 4900: Software Development Project
COSC 4530: Digital Image Processing
COSC 4100: Foundations of Computing
COSC 3020: Algorithms and Data Structures
COSC 2300: Discrete Structures
COSC/MATH/PHIL 2010: Qualities of Quantities
COSC 2409: Java Programming
COSC 2409: C++ Programming
COSC 2402: LISP and CLOS Programming

University of Maryland, European Division (1994-95)

INSS 510: Computer Concepts (architecture and operating systems)
INSS 550: Database Management and Decision Systems
INSS 555: Human Information Processes (AI)
CMIS 150: Programming in Pascal
CMIS 370: Data Communications

SUNY–Buffalo (1993-94; 1989)

CS 113: Introduction to Computer Science I
CS 114: Introduction to Computer Science II (assisted)

SUNY–Binghamton (1990-92)

CS 373: Automata Theory and Formal Languages
CS 465: Introduction to Artificial Intelligence
CS 231: Discrete Structures
CS 246: COBOL

New Mexico State University (1987-88)

BCS 338: Business Information Systems

University of Colorado (1986; 1981)

CS 432(?): Theory of Automata (graded)
CS 100(?): Fundamentals of Computing (Continuing Education)

Metropolitan State College (1992-93; 1982-85)

CSI 130: Introduction to Structured Programming
CSI 330: Foundations of File Structures
CSI 101: The Computer as a Tool
CSI 230: Advanced Programming and Data Structures
CMS 416: Advanced Programming Seminar
CMS 322: Analysis of Computer Hardware and Software
CMS 307: Job Control Language and Operating Systems
CMS 306: File Design and Database Management
CMS 208: Pascal
CMS 201: Principles of Information Systems

University of Arizona (1978-79)

MIS 111: Introduction to Computing
MIS 121: Business Programming
MIS 131: Scientific Programming

PUBLICATIONS, GRANTS, AND SCHOLARLY ACTIVITIES

“How Close Did Kurt Gödel Get To the University of Wyoming?” SIGACT News 38:2, June 2007, Association for Computing Machinery Special Interest Group on Algorithms and Computation Theory.

“How Pedagogy Guides our Goals and Plans for Sakai,” presentation at Sixth Annual Sakai Conference, Atlanta, December 7, 2006.

Award of stipend for travel and lodging, Summer Workshop for Open Learning Initiative at Carnegie-Mellon University; June 29 – July 1, 2005

Award of **NSF Grant**, “A Prototype Computer-Aided Laboratory Instruction System for SMET Learning” Proposal 0229335, with Scott Morton (P.I.), Donald A. Smith, and Guy Westhoff.

Reliable Belief Sets from Paraconsistent Contributors, poster presentation at the Special Workshop on the Multidisciplinary Aspects of Learning (Clichy, France), January, 2002.

The American Jury as a Knowledge Base Paradigm, Proceedings of the International Conference on Artificial Intelligence IC-AI 2001 (Las Vegas, Nevada), Volume III, pages 1265-1269. Computer Science Research, Education, and Applications Tech (CSREA) Press.

Constructive Circularity in a Semantic Network Through Non-Well-Founded Sets, completed manuscript submitted for publication.

A Writing and Research Guide for Computer Science, completed book manuscript, used as course materials.

Award of **Hewlett Grant**, “Fostering Connected Learning at the Sophomore Level,” 1999, for the interdisciplinary course COSC/MATH/PHIL 2010: Qualities of Quantities; taught in Spring 2000.

“A Survey of Inductive Inference Theory,” Computer Science Colloquium, University of Wyoming; December 2, 1997.

Review of *Out of Their Minds: The Lives and Discoveries of 15 Great Computer Scientists*, *Minds and Machines* 7:1, February 1997.

“A Knowledge Representation with Cyclic Semantics,” Computer Science Colloquium, University of Wyoming; October 31, 1995.

Non-Well-Founded Set Theory and the Circular Semantics of Semantic Networks, Intelligent Systems: Third Golden West International Conference, pages 375–386. (Las Vegas, 1994.) Kluwer Academic Publishers, Holland, 1995.

“Non-Well-Founded Set Theory as a Semantics for Semantic Nets,” Seminar, Artificial Intelligence Research Group, York University (England); November 10, 1994.

Reviewer or Referee of textbooks and articles for several publishers, 1983 to present. Most recent: Review of paper submission for *The International Journal for Computers and their Applications*, October 2004.

SERVICE and PROFESSIONAL ACTIVITIES

Association for Computing Machinery: Member since 1978, Annual Conference Volunteer Staff, 1985.

League of Women Voters: Member from 1995; Local Board of Directors from 1996 to 2000; State Webmaster, 1999 to present; State Board of Directors, May 2002 to present.

Science Fair judge, Spring Creek Elementary School; Laramie Wyoming; February 2006