
Timothy B. Baird, Ph.D.
Retired, Professor Emeritus
Department of Computer Science
College of Sciences
Harding University

Academic Background

Ph.D.

Ph.D. University of Missouri-Rolla, Rolla, Missouri, Computer Science, 1988

Title: Complete Sets of Reductions Modulo a class of Equational Theories which Generate Infinite Congruence Classes

M.S.

M.S. University of Missouri-Rolla, Rolla, Missouri, Computer Science, 1981

B.A.

B.A. Harding University, Searcy, AR, Mathematics, 1979

B.A. Harding University, Searcy, AR, Bible, 1979

B.A. Harding University, Searcy, AR, Spanish, 2016

Professional

Memberships

ACM, 1985-present

ASCIT, 1989-012

DECUS, 1982-1988

Work Experience

Work Experience

Retired, Professor Emeritus, (2024 - present)

Professor, Computer Science, (1997-2024)

Chair, Department of Computer Science (1994-2024)

Chair, Department of Computer Science & Computer Engineering (2000-2006)

Associate Professor, Harding University (1988 - 1993). Computer Science and Computer Information Systems.

Director, Computing Degree Programs. Harding University (1988 - 1994).

Chancellor's Fellow, University of Missouri-Rolla (1985 - 1988).

Assistant Professor, Harding University (1983-1985) Computer Science

Instructor, Harding University (1981-1983) Mathematics and Computer Science.

Graduate Assistant, University of Missouri-Rolla (1980-1981) Computer Science.

Graduate Assistant, University of Missouri-Rolla (1979-1980) Mathematics.

Teaching

Courses Taught in the Past

Structured Programming Using Pascal, Scientific Programming Using FORTRAN, Business Applications Programming Using COBOL , Data Structures, Files Structures and Access Methods, Operating Systems, Data Base Concepts, Systems Analysis and Design, Computer Graphics, Algorithm Design and Analysis

Courses Taught Recently

Programming 1 & 2, and Software Development using C++, Operating Systems, Data Base Concepts, Artificial Intelligence, Software Engineering

Teaching Activities

'Artificial Intelligence-A Knowledge Based Approach', a two-week AEGIS (Arkansas Gifted in Summer Program) workshop for thirty eighth-grade students, July 1990-July 2002

Intellectual Contributions

Refereed Articles

Baird, T. B. (1991). Termination via Conditional Reductions. *Proceedings of the 1991 ACMICSC National Computing Conference*.

Baird, T. B. (1990). Complete Sets of Reductions Modulo ACI. *Proceedings of the Conference on Rewriting Techniques and Applications*

Baird, T. B. (1990). STP-A Simple Theorem Prover. *Proceedings of the 1990 ACM SIGSMALUPC Symposium on Small Systems*

Service

Service to the Institution

University Assignments

Liberal Arts Committee: 1996-present

Chapel Committee: 2005 - 2020

Faculty Leadership Council: 2019 - 2021

Other Institutional Service Activities:

1988-2010 Co-sponsor, Harding Programming Team

2010 Chair, CCSC-MS Regional Conference

2008 Chair, ACM Regional Programming Contest

1997 Chair, ACM Regional Programming Contest

1987-1988: Research Assistant: Department of Computer Science UMR

Invited Lectures

1991: National Court Reporters Association, New York, New York. Voice Recognition Technology, August

1990: Texas Short Hand Reporters Association, Corpus Christi, Texas. Voice Recognition Technology, June

1989: National Short Hand Reporters Association, Orlando, Florida. Voice Recognition Technology, August

Professional Experience:

Database Consultant and Software Developer: Arkansas Dairy Cooperative, Damascus, AR 1994-2014

Director of Software Support for Academics: Harding University 1982-1985

Senior Programmer/Analyst: Administrative Computing Center-Harding University 1977-1979

Awards Received:

2021 Teacher Achievement Award – Harding University

2014 Teacher Achievement Award – Harding University

2013 Student Success – Golden Apple Award – Harding University

Updated: 4/3/2024