# July, 2015

Curriculum Vita

**Frank L. Friedman**

**Professor Emeritus (effective January 1, 2013)**

**Department of Computer and Information Science**

**College of Science and Technology, Temple University**

**GOALS**

I am retired from Temple University (Computer and Information Sciences Department) after 38 ½ years and over 50 years in the computing field.

**EDUCATION**

Purdue University, West Lafayette, IN (1970-74) Ph.D. Computer Science (1974); M.S. Comp Sci (1972)

Johns Hopkins University, Baltimore, MD (1967-69) M.S. Numerical Science. (1969)

Antioch College, Yellow Springs, OH (1960-65) B.A. Mathematics, 1965

**PROFESSIONAL EXPERIENCE**

(2013-present) Professor Emeritus Computer and Information Sciences Department, Temple University, Philadelphia, PA 19122

(1974-2012) Computer and Information Sciences Department, Temple University, Philadelphia, PA 19122

Full Professor (1990 - 2012)

Department Chairman (1985-1988, 1992-2002) ; Associate Chairman (2005-2007)

(1989-90) CMU Software Engineering Institute, Pittsburgh, PA, Senior Visiting Computer Scientist

(1984-1985) Computer Sciences Corp., Moorestown, NJ 08057

Senior Computer Scientist, Defense Systems Division

(1967-70) Goucher College, Towson, MD 21204

Assistant Director, Computer Center

Instructor, Mathematics (1967-69)

Director, Computer Center and Lecturer, Mathematics (1969-70)

(1960-67) USN Ship Research and Development Center, Annapolis, MD

Student Trainee, Statistics and Computer Center (1960-65)

Computer Programmer/Analyst, Computer Center (1966-67)

**AWARDS**

ACM Fellow, induction, March, 1994.

ACM Outstanding Contribution Award, March, 1994.

CIS Department Service Award, Temple University Student Chapter, 1982 and 1983.

Outstanding Teacher Award, CIS Department, Temple University ACM Chapter, 1983.

**INTERESTS and HOBBIES**

Computer Science Education; Sports; Music (Classical, Rock, Country, other)

**SKILLS**

Organizational skills; leadership skills; teaching skills; computer skills, including word processing, spreadsheet, and database skills, programming skills, systems skills and other slowly eroding abilities

**OTHER**Donor: Philadelphia Orchestra, Kimmel Center, Mann Music Center, Philadelphia Museum of Art, PAL, Methodist Home for Children and numerous other local and national arts and community organizations

**VOLUNTEER ACTIVITIES**

* Dozens of volunteer activities at Temple
* Volunteer governance and conference board leadership activities for 25 years for the Association for Computing Machinery (world’s largest computing professional organization)
* Usher, Temple Keneseth Israel (Elkins Park), 2002-2007
* Mann Music Center Volunteer Ambassador (2010-current). Office Volunteer (2013-current)

**PUBLICATIONS**

* Over two dozen papers and reports related to computer science and computer science education
* (with Elliot B. Koffman) 19 text books on introductory computer programming in various computer programming languages
* Four research grants – two from NSF and two from Temple University

**WORKSHOPS, COLLOQUIA AND PANELS**

CoChair, Numerous Workshops on chairing computer science departments

Invited participant, numerous panels and speaking engagements all related to computing

**TEACHING**

Developed numerous undergraduate and graduate courses

Taught over a dozen different courses at the graduate and undergraduate levels

**SERVICE**

* Service on over 60 university, college and department task forces, committees, review teams, and

advisory boards at Temple University

* Member, ACM Governing Board (Council, 1982-1988), Chair ACM Conference Board (1992-98)
* Reviewer for numerous journals, textbook publishers, conferences
* Member program committees for numerous computing conferences
* Member, conference organizing committees for over a dozen conferences
* Chairman or Co-Chairman:

ACM Computing Week Steering Committee, 1992-96.

ACM Computing Week '96, Philadelphia, PA, Feb, 1996.

ACM Computing Week '95, Nashville, TN, Feb, 1995.

ACM Computing Week '94, Phoenix, AZ, Feb, 1994.

1987 National Education Computing Conference (NECC), Philadelphia, PA, June, 1987.

Second ACM Conference on the History of Computing --The History of Scientific and

Numeric Computing, Princeton, NJ, May 13-15, 1987.

1984 ACM Computer Science Conference, Philadelphia, PA, February, 1984.

**Personal Details**

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Work Address:

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Temple University, Room 408Wachman Hall, Philadelphia, PA 19122

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Date and Place of Birth: December 9, 1942, Baltimore, MD

Two children:

Shelley Rose Friedman – Music Librarian, Washington (DC) National Opera

Dara Gail Friedman-Wheeler – Associate Professor, Psychology, Goucher College (Baltimore MD)