

Candidate for Member at Large

Joanne M. Atlee
University of Waterloo, Waterloo, Canada

BIOGRAPHY

Academic Background:

Ph.D., University of Maryland, 1992, Computer Science.

Professional Experience:

Associate Professor, University of Waterloo, Canada, 1992 – 2009.

Professional Interest:

Software specification and design; Static analysis; Feature interactions;
Software-engineering education.

ACM Activities:

SIGSOFT representative, ACM/IEEE Joint Task Force on Computing Curricula
(SE volume), 2002 – 2004;
Member, ACM Education Council, 2006 – 2008.

Membership and Offices in Related Organizations:

Member, IEEE Computer Society, 1993 – 2009;
Vice-Chair, IFIP WG 2.9 Software Requirements Engineering, 2005 – 2009;
P.Eng., Professional Engineers Ontario, 2007 – 2009.

STATEMENT

I would like to help SIGSOFT prosper in spite of the current economic challenges.

SIGSOFT has nurtured the development of several high-quality specialty conferences, in addition to its flagship software engineering conferences. These smaller conferences may not all be economically viable in the short term, and conference travel may become a luxury in the long term. We should explore the co-location of more conferences, and perhaps encourage the confederation of several smaller conferences (a la ETAPS).

We need to continue efforts to increase membership in SIGSOFT. In particular, we need to ensure that we sponsor publications, conferences, and services that are relevant to practitioners as well as researchers. At present, the number of SIGSOFT members does not reflect the size of the population of software-engineering researchers, practitioners, and students.

We also need to continue our mentoring activities aimed at junior faculty and underrepresented minorities, and to increase our activities aimed at students and junior practitioners.