

Jane M. Hawkins

BRIEF VITA 2012

Member of the Board of Trustees and Treasurer of the American Mathematical Society

Professor of Mathematics, University of North Carolina at Chapel Hill

Education: Ph.D., University of Warwick, Coventry, England; M.Sc., University of Warwick; B.A., College of the Holy Cross, Worcester, MA.

Employment: University of North Carolina at Chapel Hill, Professor, 1993-present, Associate Chair, 1993-95, 2005-06, Associate Professor, 1987-1993; Visiting Professor, Duke University, 2004-05, California Institute of Technology, Visiting Assistant Professor, 1986-87; University of Warwick, Visiting Research Associate, summer, 1986; Math. Sci. Res. Inst., Berkeley, CA, Visiting Research Associate, Jan.-May, 1984; State University of New York at Stony Brook, Assistant Professor, 1982-86, Instructor, 1980-82; Visiting Professor, University of New South Wales, 1985, 2001; Adjunct Professor, George Washington University, 2000

Area of Research: Professor Hawkins works in the areas of ergodic theory and dynamical systems. Her recent main topics of interest within those fields include the ergodic theory of nonsingular and noninvertible mappings with a focus on applications to complex dynamics, including elliptic functions. She has also written papers on mathematical models of the spread of HIV.

Total Professional Publications: 60 **Federal Grant Support:** 11 years

Honors: Marshall Scholar, Valedictorian (Holy Cross), UNC Chancellor's Award for Instructional Technology, UNC Women in Science Scholar

Grant Support: NSF Grants: Individual investigator, Special Year Grant (co-Principal Investigator), NSF travel and graduate student support grants, 1981-1995. UNC Chancellor's Instructional Technology Award, 1997. UNC-IBM (FITAC) Instructional Technology Development Grant, 2001. UNC University Research Council Grants, 1997-99, 2000-02, 2010-12.

Invited Research Talks Given: Over 125 invited research talks given. During the past 10 years over 40 given in 10 U.S. states and countries including: Australia, England, Spain, Canada, Poland, South Korea.

Supervised 9 Ph.D. students and 8 M. Sc. students