CURRICULUM VITAE
GEORGE E. ANDREWS

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Personal Information

DATE OF BIRTH	December 4, 1938
PLACE OF BIRTH	Salem, Oregon, USA
CITIZENSHIP	USA

Education
> B.S., M.A., Oregon State University, June, 1960. Thesis advisor: Helmut Groemer
> Ph.D. University of Pennsylvania, May 1964. Thesis advisor: Hans Rademacher

Employment: Member of the faculty, the Pennsylvania State University

1964-67	Assistant Professor
1967-70	Associate Professor
1970-81	Professor
1981-	Evan Pugh Professor

Visiting Positions
> Visiting Professor, Massachusetts Institute of Technology, 1970-71
> Visiting Lecturer, University of Erlangen, 1975
> Visiting Professor, University of Wisconsin, 1975-76
> Visiting Lecturer, National University of Mexico, 1977
> Visiting Professor, University of New South Wales, 1978-79
> Visiting Lecturer for the New Zealand Mathematical Society, 1979
> Adjunct Professor, University of Waterloo, 1982-1992
> Visiting Scientist, Australian National University, 1983
> Visiting Professor, University of Strasbourg, 1983
> Visiting Ordway Professor, University of Minnesota, 1988
> Visiting Scientist, T. J. Watson Research Center, IBM, 1990-91
> Visiting Fellow, University of Melbourne, 1997-98
> Visiting Researcher, University of the Witwatersrand, Johannesburg, 1998
> Visiting Professor, Johannes Kepler University, Linz, Austria, 1998
> Visiting Research Fellow, School of Math. Sciences, University of Sussex, Brighton, UK, 1998
> Visiting Professor, University of Florida, 2005-present

Selected Honors and Grants
- Fulbright Scholar, Cambridge University, 1960-61
- Invited one-hour addresses at national American Mathematics Society-Mathematical Association of America meetings in 1972, 1977, 1993, and 1994.
- Hedrick Lecturer, Mathematical Association of America, 1980
- Guggenheim Fellow, 1982-83
- CBMS Regional Conference Principal Lecturer, Arizona State University, 1985
- $\pi\mu\epsilon$ J.S. Frame Lecturer, 1993
- Allegheny Region Distinguished Teaching Award, Mathematical Association of America
- Invited Lectures, American Association for the Advancement of Science, 1987; 1996
- Elected Fellow, American Academy of Arts and Sciences, 1997
- Received extensive support from the National Science Foundation and the National Security Agency
- Honorary Doctorate, University of Parma, May, 1998
- Meeting of the 42nd Séminaire Lotharingien de Combinatoire in honor of my 60th birthday, at Maratea, Italy, September 1998.
- Two-day celebration of my 60th birthday at Penn State (in conjunction with a regional AMS meeting), October, 1998.
- Centennial Award from the Department of Mathematics, the University of Pennsylvania, "in recognition of contributions to pure mathematics and . . . mathematical education," in October, 1999.
- Honorary Doctorate, University of Florida, 2002
- Elected to National Academy of Sciences, 2003
- 65th Birthday Conference at PSU, April 2004
- Honorary Doctorate, University of Waterloo, 2004
- MAA Polya Lecturer, 2007-08 and 2008-09
- Elected President of the AMS 2007
- Honorary Professorship, Nankai University, PRC, 2008
- 70th Birthday Conference at PSU, December 2008
- Selected Fellow of Society for Industrial and Applied Mathematics, 2009
- Honorary Doctorate, S. A. S. T. R. A. University (India), 2012
- Fellow of the AMS, 2012
- Conference in honor of my 75th birthday, Centre for Combinatorics, Nankai University, Tianjin, China, 2013
- Honorary Doctorate, University of Illinois, 2014

Research

   My research centers on the theory of partitions and related areas. For a summary of my early research, please see *The Work of George Andrews: A Madison Perspective* by Richard Askey, paper B42b, Séminaire Lotharingien de Combinatoire (electronic journal), 1999. Also see my *Selected Works (With Commentary)* Imperial College Press, 2013. I have a long-term interest in the work of Ramanujan, the Indian genius, whose last notebook I unearthed in the Trinity College Library at Cambridge in 1976. I am collaborating with Bruce Berndt on a multi-volume study of the 'Lost Notebook.' The first volume of this study appeared in June 2005; the second in January 2009, the third in 2012, and the fourth in 2013. In addition to more than 300

scientific papers, I have written books on number theory and the theory of partitions, as well as edited the collected papers of Percy A. MacMahon (see attached bibliography). Currently I am working on q-series and further aspects of partitions and their amazing relationship with Ramanujan's enigmatic identities.

Service

- Mathematics Department Chairman, 1980-1982; 1995-1997.

- Associate Head for Faculty Development, Mathematics Department, 2006 to present. Appointed Chair of Promotion and Tenure Committee 2013.

- Member, Math. Dept. Advisory, Undergrad. Studies, Scholarship, & MASS Committees.

- Past member, numerous University and College Committees, including Tuition and Presidential Selection Committees, Headship Search 2003, and the 2003 AD-14 Committee (performance review of the Dean of the College of Science).

- Appointed to Honorary Degree Committee 2010 and 2011.

- Member of Editorial Boards of the *Journal of Combinatorial Theory (A)*, *The Ramanujan Journal*, *Integers: The Electronic Journal of Combinatorial Number Theory*, *Advances in Mathematics*, *Contributions to Discrete Mathematics*, *the Journal of the Indian Mathematical Society*, *The Mathematics Student*, *Research in Number Theory* (new Springer journal) and the *International Journal of Number Theory*. Member of Editorial Advisory Board for CRC's *Standard Mathematical Tables and Formulae*. Managing Editor, *Annals of Combinatorics*. Member, Consulting Editorial Board of the *Electronic Journal of Combinatorics* and Advisory Committee, *Journal of Indian Academy of Mathematics*.

- President, American Mathematical Society, 2009-2011.
- Chairman, AMS Initial Fellows Selection Committee, 2012.

- Member, Simons Investigators in Mathematics Nominating Committee, 2012.

- Former Member, AMS Contemporary Mathematics Editorial Committee.
- Former Member, American Mathematical Society Editorial Boards, AMS-MAA-SIAM Morgan Prize, and History of Mathematics Editorial Committees.

- Invited to serve on the Selection Committee for the 2014 Polya Prize.

- Thesis advisor to 25 Ph.D. and 20 Masters degree recipients. Currently have two Ph. D. students, one of whom is joint with the Dept. of Education.

- Have taught courses at Penn State from the level of calculus to advanced topics for graduate students.