

Donald G. Saari; Abbreviated CV

Education

- (1967) Ph.D., Mathematics, Purdue University (advisor, Harry Pollard)
- (1964), MS., Mathematics, Purdue University
- (1962) BS., Mathematics, Michigan Technological University

Employment

- 2000 – . Distinguished Professor, UCI
- 1995-2000, Arthur and Gladys Pance Professor of Mathematics, Northwestern University
- Professor, Northwestern University
 - 1974 - 2000, Department of Mathematics
 - 1988 - 2000, Department of Economics
 - 1976 - 2000, Applied Mathematics & Engineering Science
- 1970-74, Assoc Prof.; 1968-70 Asst. Prof. Mathematics, Northwestern University
- 1967-68; Post-Doc “Research Staff Astronomer,” Department of Astronomy, Yale University

Selective Honors

- 2001 – , National Academy of Sciences
- Honorary PhD
 - 1999, Michigan Technological University
 - 1998, Université de Caen, Caen, France
 - 1988, Purdue University
- 1988-89, Guggenheim Fellow
- 2002, “Outstanding Alumnus” Purdue University
- 2001, Fellow, Amer. Assoc. Adv. of Science
- 1995, Honorary Professor, Nanjing University, Nanjing, China

Some academic awards

- 1999, Allendoerfer Award, Math. Assoc. America
- 1995, Chauvenet Prize, Math. Assoc. America
- 1991, Duncan Black Research Award, Public Choice Society
- Lester R. Ford Award, Math. Assoc. America
- 1995, Academy of Arts and Sciences, Michigan Technological University
- 2002, Pacific Institute of Mathematical Sciences Distinguished Chair
- 1997, Lansdowne Chair, University of Victoria, Canada
- 1995, Charles Taft Lecturer; University of Cincinnati
- Teaching Awards
 - 1978, 1990; College of Arts and Sciences Outstanding Teaching Award; Northwestern
 - 1976-87, 92, 93, 94, CTEC Faculty Honor Roll
 - 1999, 2000; “Most Influential Professor” Award
 - 1993, Faculty Honor Roll, Mortar Board
 - 1989 Alpha Lambda Delta, Outstanding Teaching Award
 - Sigma Phi Epsilon, Outstanding NU Professor

Editorial Positions

- Chief Editor
 - 1999-2005, *Bulletin of the American Mathematical Society*
 - 1981-86, *SIAM Journal on Mathematical Analysis*
- Associate Editor, Editorial Board
 - 2000-03, *Positivity*
 - 1999-02, *Qualitative Theory of Dynamical Systems*
 - 1997-2002, *Social Choice and Welfare*
 - 1990 – , *Economic Theory*
 - 1993-99, *MAA Notes and Reports*
 - 1987-97, *Celestial Mechanics & Dynamical Astronomy*
 - 1987-93, *Jour. Econ. Behav. & Organ.*
 - 1972-85, *Celestial Mechanics*
 - 1973-78, 86-88; *SIAM Journal on Mathematical Analysis*

Professional Activities

- US National Committee of Mathematics
 - Chair, 2000-02, Vice Chair, 1999-00, Member 1997-2002
 - 2002, Chair, US delegation to General Assembly, International Congress of Mathematicians, Shanghai, China
- Some Recent Professional Committees
 - 2003, Trustee, Math Science Research Institute,
 - 2002-03, Chair, Birkhoff Prize Committee (AMS-SIAM)
 - 2001-04, Math Science Education Board (NRC)
 - 2000-04, Joint Policy Board of Mathematics
 - 2000-02, AMS committee on Science Policy
 - 2001-03, NRC committee evaluating K-12 math education
 - 1996-99 (Chair, 98-99), Chauvenet Prize Committee (MAA)
- Governing Councils
 - 1999-05, (1999-01, delegate at large, 1999-05, Bulletin representative), American Mathematical Society
 - 2000-04, Society of Social Choice and Welfare
 - 1985-87, Division of Dynamical Astronomy
- Visiting committees
 - 2003, NSF, DMII
 - 2003, Math and Statistics, Carleton University and University of Ottawa
 - 2002, Stanford, MSE Department
 - 1998-01, Advisory Committee, Mathematics, Purdue
 - 1994, Math Department, IUPUI
 - 1994- Advisory Board, Mathematics, Michigan Technological University

Publications:

About 150 papers on topics ranging from the dynamics of the Newtonian N-body problem to questions from mathematical economics and voting theory. The emphasis is on dynamical systems and its consequences. For a listing of my work in mathematics and dynamical systems, check the AMS listing. For a listing of some of my work in voting and voting theory, see <http://www.maxwell.syr.edu/maxpages/faculty/jskelly/S.htm>

Seven books.

Invited Talks: About 400 invited talks since 1980.