

CURRICULUM VITAE OF R. JAMES MILGRAM

EDUCATION

Ph.D., University of Minnesota, 1964

PROFESSIONAL RECORD:

1969-present, Professor of Mathematics, Stanford University

2001, Distinguished Visiting Professor, University of Lille, Lille, France, May - June

2000, Distinguished Visiting Professor, Chinese Academy of Sciences, Beijing.

1993-1995, Regents Professor, U. of New Mexico

1987, Gauss Professor, U. of Göttingen

1986, Ordway Professor, U. of Minnesota

MAJOR ACCOMPLISHMENTS IN MATHEMATICS EDUCATION:

K THROUGH 12

Member, NASA Advisory Council, (the board of directors for NASA). Also, member, Human Capital Committee.

Principal consultant for Mathematics and Science, *National Comprehensive Center on Instruction*, funded by the U.S. Department of Education. This is one of the three national centers overseeing and supporting the 16 regional comprehensive centers. In turn, the regional centers deliver support for best practices in education to the states and school districts.

Member, Board of Directors of the National Board for Education Science, 2005 - This Presidential board oversees the Institute for Education Science at the U.S. Department of Education and is also the official committee advising Congress on education research.

Member, Blue ribbon task force on Administration's Math/Science Initiative 2005.

Member NSF, MAA, and National Business Round Table advisory panel on *common grounds*, with Richard Schaar, Deborah Ball, Joan Ferrini-Mundy, J. Kilpatrick, Wilfried Schmid. December, 2004 -. (The group of mathematicians and mathematics educators that forged initial agreements on what the critical issues really are in math instruction as a means of bridging the gulf represented by the so called *math wars*.)

Principal Investigator, FIE Grant from Department of Education - created the book **The Mathematics Pre-Service Teachers Need to Know**, and identified the most effective practices for improved in-service teacher training in mathematics. 2002 - 2005.

Together with Gunnar Carlsson, Ralph Cohen, and Steve Kerckhoff, revised the California Mathematics Standards under the direction of and for the California Board of Education, 1997

Together with H.-H. Wu, Dept. of Mathematics, Berkeley, revised and rewrote most of the California Mathematics Framework under the direction of and for the California Board of Education, 1998

Member, Achieve Mathematics Advisory Panel, 1999 -

Consulted for the State of Michigan on revising the Michigan Mathematics Standards. 2003

Worked with the Georgia Department of Education and the Georgia Board of Education to rewrite Georgia's K - 8 mathematics standards. 2004.

Advised New York State Commission on High School Mathematics Standards, Feb. - March, 2005

Advised Florida Board of Education and Department of Education on K-8 mathematics standards, 2006

Invited Testimony before Utah State Legislature on revising the Utah mathematics standards, 2006

Author and Mathematics Advisor, Holt-Reinhart Middle School Mathematics, 2001 -2002

Member, Mathematics Advisory Panel, Oxford-Sadlier, Inc. 2003 -.

ADMINISTRATIVE OFFICES IN MATHEMATICS:

Editor, Homology, Homotopy and Applications, 2000 -

Member, National Science Foundation Panel on Mathematics and Robotics, May, 2000.

Member, Organizing committee for AMS Summer Institute (major institute), Group cohomology and representation theory, Seattle, 1996

Member, A.M.S. Editorial Boards Committee, 1991 - 1994

Member, Organizing committee for AMS Summer Institutes (short institutes), Group cohomology and representation theory, 1993.

Chairman, N.S.F. Doctoral Fellowship Committee, 1984-1986

Member, N.S.F. Doctoral Fellowship Committee, 1983

Editor, *Pac. J. Math.*, 1973 - 1983

Editor, *Duke J. Math.*, 1976 - 1984

Editor, A.M.S. Lecture Note Series *Contemporary Mathematics* (from inception to 1984)

Chairman, 1976 A.M.S. Summer Institute Committee

Chairman (1978-1980) A.M.S. Math. Surveys Committee

Chairman (1981-1982), A.M.S. Committee on Committees

Member, N.S.F. Postdoctoral Fellowship Committee, 1980, 1981