

CURRICULUM VITAE OF R. JAMES MILGRAM

DATE AND PLACE OF BIRTH

December 5, 1939, South Bend, Indiana

Citizenship: U.S.A.

EDUCATION

B.S., University of Chicago, 1961

M.S., University of Chicago, 1961

Ph.D., University of Minnesota, 1964

PROFESSIONAL RECORD:

1998, Visiting Professor, Math. Institute, Barcelona, Spain, June

1997, Visiting Professor, Northwestern U., March-April

1995, Visiting Professor, U. of Montreal, May-June

1994, Visiting Professor, E.T.H. Zurich, Switzerland, May-June

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

1992, Distinguished Visiting Professor, U. of New Mexico, Fall

1991, Distinguished Visiting Professor, U. of New Mexico, Fall

1990, Visiting Professor, MSRI, Winter

1989, Visiting Professor, U. of Edinburgh, Fall

1987, Gauss Professor, U. of Göttingen, Fall

1986, Sonderforschungsbereich, U. of Göttingen, Fall

1986, Ordway Professor, U. of Minnesota, Spring

1985, Sonderforschungsbereich, U. of Göttingen, Fall

1985, U. C. San Diego, Visiting Professor, Winter, Spring

1984, Northwestern U., Visiting Professor, Fall

1984, U. of Edinburgh, Visiting Professor, Fall

1977, Visiting Professor, Aarhus University, Spring

1977, Visiting Professor, Univ. of Chicago, Winter

1976, Visiting Professor, Univ. of Minnesota, Fall
1970-present, Professor of Mathematics, Stanford University
1969-70, Visiting Professor, Princeton University
1969, Professor of Mathematics, Univ. of Illinois, Chicago Circle, IL
1967-69, Associate Professor of Mathematics, Univ. of Illinois, Chicago Circle
1966-67, Assistant Professor of Mathematics, Univ. of Illinois, Chicago Circle
1964-66, Instructor, Princeton University
1963-64, Instructor, Univ. of Minnesota

PH.D. STUDENTS

Don Davis, 1971
B. Mann, (1974)
D. Meadows, (1975)
D.X.F. O'Reilly, (1975)
G. Carlsson, (1976)
M. Perloff, (1976)
C. Witten, (1978)
N. Artaud-Kuhman, (1979)
C. Wright, (1979)
Jim Davis, (1981)
J. Maginnis, (1986)
T. Hewett, (1991)
J. Havlicek, (1992)
Sadok Kamel, (1994)
R. Biro, (1994)
C. Overton, (1995-1996)
K. Umland, (1996-1997)

SPECIAL INVITED ADDRESSES

Special Lecture, representing the math community, Centro de Investigacion, Mexico,
Dedication of new science facility, (1997)

Special Lecture, representing the math community, Centro de Investigacion,

Plenary lecture, International Conference on Homotopy Theory, Northwestern University, March, 1997.

35th anniversary of science in Mexico, (1996)

Plenary lecture, A.M.S. Summer Institute on Representations and Cohomology of Finite Groups, (1996)

Memorial Lecture for V.K.A.M. Gugenheim, U.I.C., Nov. 1995.

Plenary lecture, International Conference on gauge theory and moduli spaces, Montreal, 1995.

Plenary lecture, Texas Geometry and Topology Conference, Spring, 1994.

Plenary lecture, International Conference on homotopy theory, Cocoyoc, Mexico, Summer 1993.

Plenary lecture, AMS. Summer Institute on Cohomology and Representations of finite

groups, Summer 1992.

Inagural lecture, Conference on algebraic topology, U. of Wisconsin, Fall, 1991.

Plenary lecture, International conference on algebraic topology, Oaxtepec, Mexico, Summer, 1991

Inagural lecture, Conference on geometry of Teichmuller spaces, Göttingen, Summer, 1991.

Lecture Series, *The Geometry of Rational maps, iterated loop spaces, monopoles, and Linear Control Systems*, MSRI, Winter, 1990.

Plenary lecture, Workshop on applications of homotopy theory, MSRI, Fall, 1989.

Lecture Series on the geometry of holomorphic maps MATH INSTITUT, AARHUS UNIVERSITET, Aarhus, Denmark, Fall, 1989

Inagural lecture, Conference on algebraic topology, Oaxtepec, Mexico, Summer, 1989

Lecture Series on the geometry of holomorphic maps *National University of Mexico, UNAM*, Mexico City, Summer, 1989

Lecture Series on spaces of holomorphic maps *USC*, Los Angeles, Calif, 1989

Invited hour lecture: *Main meeting W. German Math Society*, Marburg, W. Germany, 1986

Plenary lecture: *Conference in Algebraic Topology Aarhus West*, Arcadia, 1986

Plenary lecture: *Conference on quadratic forms and applications* McMaster University, Hamilton, Ontario, Canada 1983

Lecture series: *Special year in Topology* University of Maryland, 1983

Plenary lecture: *Conference on statistics and computers* Penn. State University, 1983

Plenary lecture: *International Conference on Homotopy Theory* (in honor of the 60th birthday of J. Adèm), 1981

Plenary lecture: *Conference on New Developments in Topology*, Edinburgh, 1981

Plenary lecture: *Conference in Algebraic Topology*, Aarhus, 1978

Major lecture series: *A.M.S. Summer Institute on Algebraic and Geometric Topology*, 1976

Hour lecture: *A.M.S. regional meeting*, 1975

45 minute lecture: *International Congress of Mathematics*, Vancouver, 1974

Inaugural lecture, *Second Southern California Summer Conference in Algebraic Topology*, 1973

Phillips lectures, Haverford College, 1969

SPECIAL LECTURES WHICH WERE IMPOSSIBLE TO GIVE DUE TO OTHER COMMITMENTS:

International Conference on Topology, U.S.S.R., 1987

International Conference on Algebraic Topology, Moscow, U.S.S.R, 1979

For similar reasons I could not attend the conferences in Bonn (Arbeitstagung '79, '80), Siegen ('79), Bielefeld ('79), Aarhus ('80), and special conferences on surgery Oberwolfach, ('85), ('90).

INVITED ADDRESSES AT CONFERENCES IN ALGEBRAIC TOPOLOGY

SOUTHWEST TOPOLOGY CONFERENCE, Albuquerque, N.M., 1992

SOUTHWEST TOPOLOGY CONFERENCE, Albuquerque, N.M., 1991

SEMINARE KAROUBI, Paris, France, 1990

SCOTTISH TOPOLOGY CONFERENCE, Edinburgh, Scotland, 1989

SCOTTISH ALGEBRA SEMINAR, Edinburgh, Scotland, 1989

ALGEBRAIC AND GEOMETRIC TOPOLOGY CONFERENCE, Oberwolfach, 1989

Algebraic and Geometric Topology Conference, Oberwolfach, 1986

A.M.S. Summer Institute – Braid Groups, U. C. Santa Cruz, 1986

Conference on surgery and the Oozing Conjecture, U. of Notre Dame, 1986

Southern Calif Topology Seminar 1985

Midwest Topology Seminar, 1984

Regional Conference on Surgery Theory, Notre Dame 1984

Conference in Homotopy Theory, U. of Minnesota 1984

Conference in Algebraic Topology and Algebraic K-theory, Canadian Math. Soc. Summer Institute, Univ. Western Ontario, 1981

Conference in Algebraic K-theory, Evanston, 1980

Conference on L Theory, Univ. of Toronto, 1979

Conference in Algebraic K and L Theory, Waterloo, Canada, 1978

Midwestern Topology Conference, Purdue Univ., Spring, 1976

Conference in Homotopy Theory, Northwestern Univ., 1974

Midwestern Topology Conference, Notre Dame, Spring 1974

Conference on New Developments in Topology, Oxford Univ., 1972

Topology Conference, Michigan State Univ., 1971

Conference on H-spaces, Battelle Institute, Seattle, 1971
A.M.S. Summer Institute in Algebraic Topology, 1970
Conference on Transformation Groups and Manifolds, Georgia, 1969
Conference in Algebraic Topology, Chicago Circle, 1968
Conference in Algebraic Topology, Oberwolfach, W. Germany, 1967

COLLOQUIUM LECTURES:

1997 Santa Cruz University, University of Chicago, University of Illinois, Indiana University.
1995 U. of Ill. at Chicago, U. of Wisconsin, U. of Georgia, Princeton U.
1994 U. of Mainz, Germany, E.T.H. Zurich
1993 McGill University, Montreal, Canada.,
1992 U. of Warwick, Math Institute,
1991 National University of Mexico, Göttingen U.,
1990 Princeton University, Institute for Advanced Study, University of California at Berkeley, University of Wisconsin.
1989 Stanford University, Cambridge University, University of Edinburgh, Oxford University, Liverpool University, University of Manchester, University of London, Kings College, University of London, Queen Mary College
1988 Yale University, Northwestern U.
1987 Siegen University, U. of Heidelberg
1986 Notre Dame University, Univ. of Minnesota
1984 Edinburgh University, Univ. of Illinois at Chicago Circle, U. of Western Ontario, McMaster University
1983 Notre Dame University, Lehigh University
1980, U. C. San Diego
1979, Univ. of Toronto
1977, Univ. of Minnesota, Odense Univ. (Denmark), Oxford, Cambridge, Kings College(London), Univ. Liverpool, Stanford University
1976, M.I.T., Brandeis, Duke University
1975, Univ. of Chicago, U. C. Irvine
1974 M.I.T., Princeton, Northwestern, Univ. of Calgary
1973, U. C. San Diego

1972, U. C. Irvine, U. C. Berkeley, Aarhus Univ., Univ. of Calgary
1971, U. C. Berkeley, tulane, Univ. of Calgary
1970, Univ. of Washington, Univ. of Chicago, Univ. of Illinois at Chicago Circle
1969, Stanford University
1968, Princeton Univ., Yale Univ., C.C.N.Y., Univ. of Pennsylvania, Lehigh Univ.,
Stony Brook, U.C. San Diego
1967, Notre Dame University
1966, Cornell Univ., N.Y.U.
1965, Univ. of Chicago, Univ. of Minnesota
1964, Carnegie Tech., Univ. of Minnesota

ADMINISTRATIVE OFFICES:

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