CURRICULUM VITAE

Matthew J. Gursky

EDUCATION

B.S., Mathematics
The University of Michigan, 1986

Ph.D., Mathematics
California Institute of Technology, 1991
Thesis Advisor: S.-Y. Alice Chang

POSTDOCTORAL TRAINING

Leonard Eugene Dickson Instructor of Mathematics
University of Chicago
1991 to 1995

HONORS AND AWARDS

National Science Foundation Mathematical Sciences
Postdoctoral Research Fellowship
1992 to 1995
Advisor: Robert Fefferman

Alfred P. Sloan Foundation
Research Fellowship
1998 to 2001

Invited Lecture
International Congress of Mathematicians
Madrid, Spain
August 2006

PROFESSIONAL HISTORY

08/04 – Present Professor of Mathematics
University of Notre Dame
Notre Dame, IN

09/08 – 06/09 Visiting Member
Institute for Advanced Study
Princeton, NJ

08/01 – 08/04 Associate Professor of Mathematics
University of Notre Dame
Notre Dame, IN

07/00 – 07/01 Visiting Associate Professor
Princeton University
Princeton, NJ

07/00 – 07/01 Associate Professor of Mathematics
Indiana University
Bloomington, IN

08/99 – 07/00 Visiting Fellow
Princeton University
Princeton, NJ

08/95 – 07/00 Assistant Professor of Mathematics
Indiana University
Bloomington, IN

09/92 – 12/92 Visiting Member
Institute for Advanced Study
Princeton, NJ

10/91 – 08/95 L.E. Dickson Instructor of Mathematics
University of Chicago
Chicago, IL

SHORT-TERM VISITING POSITIONS

July 2000   Institut des Haute Etudes Scientifique
                   Bures-sur-Yvette, France

June-July 2001   Forschungsinstitut für Mathematik
                   ETH Zürich, Switzerland

May 2002   Universite Paris XII
                   Paris, France

June 2002   Institut des Haute Etudes Scientifique
                   Bures-sur-Yvette, France

June 2003   Universite de Cergy-Pontoise
                   Cergy, France

March 2004   Erwin Schroedinger Institute
                   Vienna, Austria

October 2004   Centro di Ricerca Matematica Ennio De Giorgi
                   Pisa, Italy

August 2005   Mathematical Sciences Research Institute
                   Berkeley, CA

Fall 2006   Centro di Ricerca Matematica Ennio De Giorgi
                   Pisa, Italy

Spring 2007   Institut des Haute Etudes Scientifique
                   Bures-sur-Yvette, France

May 2010   Universite de Cergy-Pontoise
                   Cergy, France

October 2011   Universite de Cergy-Pontoise
                   Cergy, France

Fall 2012   Institut Henri Poincare
                   Paris, France

INVITED LECTURE SERIES

April 2003   Recent Trends in Nonlinear Variational Problems
Abdus Salam International Centre for Theoretical Physics
Trieste, Italy
Four Lectures

August 2005   Introductory Workshop in Nonlinear Elliptic Equations
and their Applications
Mathematical Sciences Research Institute
Berkeley, CA
Five lectures

March 2007   Geometric Analysis
Institut Fourier
Grenoble, France
Four Lectures

June 2007   Geometric Analysis and PDEs
Centro Internazionale Matematico Estivo
Cetraro, Italy
Four Lectures

Sept 2008   Fully nonlinear equations in conformal geometry
Institute for Advanced Study
Princeton, NJ
Four Lectures

May 2009   Geometric flows and geometric operators
Centro di Ricerca Matematica Ennio De Giorgi
Pisa, Italy
Five Lectures

January 2010 A fully nonlinear version of the Loewner-Nirenberg problem
Instituto Nacional de Matematica Pura e Aplicada
Rio de Janeiro, Brazil
Two Lectures

Sept 2013   Recent Trends in Nonlinear PDEs
Sapienza Universita di Roma
Rome, Italy
Two Lectures

CONFERENCES (with invited address)

March 1994	Midwest Geometry Conference Iowa City, IA
November 1997	Southern California Analysis and PDE Meeting San Diego, CA
June 1999	Analyse Harmonique et Analyse sur Les Varietes Centre International de Recontres Mathematiques Marseille, France
June 1999	Differentialgeometrie im Groβen Mathematisches Forschungsinstitut Oberwolfach Oberwolfach, Germany
January 2000	Workshop in Global Riemannian Geometry Korean Institute of Advanced Study Seoul, Korea
March 2001	Geometric Aspects of Spectral Theory Mathematical Sciences Research Institute Berkeley, CA
July 2001	Workshop in Geometric Analysis ETH, Zürich
April 2002	Twelfth Midwest Geometry Conference University of North Dakota
August 2003	Monge-Ampere Type Equations and Applications Banff International Research Station, Canada
October 2003	Pacific Northwest Geometry Seminar Portland, OR
May 2005	Analytic Aspects of problems in Riemannian Geometry Brest, France
July 2005	Partielle Differentialgleichungen Mathematisches Forschungsinstitut Oberwolfach Oberwolfach, Germany

August 2006	International Congress of Mathematicians Madrid, Spain
September 2006	Nonlinear Evolution Problems Centro di Ricerca Matematica Ennio De Giorgi Pisa, Italy
January 2007	Journees Nanceiennes de Geometrie Nancy, France
May 2007	Geometric Analysis in Nice Nice, France
October 2007	Invited Adress, AMS Sectional Meeting Chicago, Illinois
March 2008	Plenary Speaker, Southeast Geometry Seminar Emory University
April 2008	Spring Lecture Series Fayetteville, Arkansas
July 2008	Conformal Geometry Roscoff, France
June 2009	Spectral Theory and Geometry Grenoble, France
August 2009	Partielle Differentialgleichungen Mathematisches Forschungsinstitut Oberwolfach Oberwolfach, Germany
February 2010	Southern California Geometric Analysis Seminar Irvine, CA
August 2010	Geometric and Nonlinear Partial Differential Equations Mission Beach, Queensland, Australia
March 2012	Seminario Matematico e Fisico di Milano Dipartimento di Matematica "Francesco Brioschi" Politecnico di Milano

April 2012	Great Lakes Geometry Conference The Ohio State University
May 2012	The 5th Symposium on Analysis & PDEs Purdue University
June 2012	Workshop on Geometric Partial Differential Equations National Center for Theoretical Sciences/ Academia Sinica Taipei, Taiwan
June 2012	International Conference in Geometric and Nonlinear PDEs Jiaotong University Xi-An, China
July 2013	Geometric Analysis Centre de Recerca Matematica Barcelona, Spain
August 2013	Partielle Differentialgleichungen Mathematisches Forschungsinstitut Oberwolfach Oberwolfach, Germany
November 2013	Southeast Geometry Seminar Emory University
November 2013	Journee en l'honneur de S.Y.A. Chang et C.S. Seshadri Universite Pierre et Marie Curie Paris, France
April 2014	Geometry Festival Stony Brook University Stony Brook, NY
August 2014	Analysis, Geometry and Topology of Positive Scalar Curvature Metrics Mathematisches Forschungsinstitut Oberwolfach Oberwolfach, Germany

SEMINARS AND COLLOQUIA (since 1997)

1997	University of Michigan, Geometry Seminar
	University of Washington, Geometry Seminar
	Stanford University, Geometry Seminar
	Ecole Normal Superieur de Cachan, Analysis Seminar
1998	SUNY Stony Brook, Colloquium
1999	Princeton University, Geometry Seminar
	Cornell University, Geometry Seminar
	Rutgers University, Analysis Seminar
2000	Brown University, Geometry Seminar
	MIT, Geometry Seminar
	Washington University, Colloquium
	Stanford University, Geometry Seminar
	Universite de Cergy-Pontoise, Analysis Seminar
2001	Northwestern University, Colloquium
	Ecole Polytechnique, Seminar Besse
	University of Michigan, Geometry Seminar
2003	University of California, Santa Cruz, Colloquium
	Stanford University, Geometry Seminar
	Universite de Paris Sud, Geometry Seminar
2004	Universite de Nice, Geometry Seminar
	Universite de Cergy-Pontoise, Analysis Seminar
	Michigan State University, Geometry Seminar
	Princeton University/Rutgers University/
	Institute for Advanced Study Joint Analysis Seminar
2005	Centre de Recherches Mathematiques, Montreal, Colloquium
2006	University of California, Santa Barbara, Colloquium
	Massachusetts Institute of Technology, Geometry Seminar
	Northwestern University, Colloquium
	Universite de Nice, Geometry Seminar
	University of Warwick, Colloquium
2007	Scuola Internazionale Superiore di Studi Avanzanti, Analysis Seminar
	Universite de Paris Sud, Geometry Seminar
	University of Wisconsin, PDE Seminar
	The Ohio State University, PDE Seminar
2008	Princeton University, Geometric Analysis Seminar
	Stony Brook University, Geometry Seminar
2009	Rutgers University, Analysis Seminar
	Institute for Advanced Study, Geometric Analysis Seminar
	University of Michigan, Colloquium
	Wayne State University, Colloquium

2010	Universite de Cergy-Pontoise, Analysis Seminar
	Universite Henri Poincare, Nancy 1, Geometry Seminar
2011	Universite de Cergy-Pontoise, Analysis Seminar
2013	University of Warwick, Geometry Seminar
2014	Cornell University, Colloquium
	Emory University, Colloquium

CONFERENCES CO-ORGANIZED

Co-organizer, NSF/CBMS Regional Research Conference
Fully Nonlinear Equations in Geometry
University of Notre Dame, June 2003

Geometric and Nonlinear Analysis
University of Notre Dame, June 2004

Nonlinear Geometric Analysis
Princeton University, October 2008

Workshop on Interactions between Geometry and Analysis
University of Notre Dame, October 2010

Higher Order Equations in Geometry and Physics
Scuola Internazionale Superiore di Studi Avanzanti, May 2011

Special Session on Geometric Partial Differential Equations
Spring Western Section Meeting of the American Mathematical Society
University of Nevada, Las Vegas, April 2011.

Organizing Committee, *Trimester in Conformal and Kahler Geometry*
Institut Henri Poincare, Fall 2012

Nonlinear PDEs in Geometry and Physics
Center for Mathematics at Notre Dame
University of Notre Dame, June 2014.