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Visiting Professor and Organizer of Special Year, Mathematical Sciences Research Institute, 1995-1996 Organizer, Conference on Current Issues in Modern Issues of Mathematics Teaching, MSRI, 1996 Organizer and Principal Lecturer, Conference on Several Complex Variables, Pohang Institute of Science and Technology, Korea, 1997 Frontiers Speaker, Texas A&M, 1997 Organizer and Principal Lecturer, Conference in Honor of Lars V. Ahlfors, Stanford University, 1997 "Outstanding Academic Book Award", Current Review for Academic Libraries, 1998. Nagle Memorial Lecturer, University of South Florida, 1998 Organizer and Principal Lecturer, Conference on Several Complex Variables, Seoul National University, 1998 Organizer, Holomorphic Mappings Conference and Workshop, American Institute of Mathematics 2000 Distinguished Lecturer, Allegheny College, 2001. Court Lecturer, Mathematical Association of America, 2002. Principal Speaker, Discrete Geometry Conference, Tallahassee, 2002. Principal Speaker, MER Workshop, St. Louis, 2002. Court Lecturer of the MAA, 2003 Discrete Geometry Conference, Tallahassee, 2003 Functional Analysis Conference, Edwardsville, 2003 Distinguished Lecturer, MAA Meeting, Claremont, 2003 Distinguished Lecturer, Bowdoin College, 2003 Oregon State University (Arvid Longseth Lecturer), 2004 MSRI/Evans lecture series, 2004 Circles Lecturer, San Jose State, 2005 Principal Lecturer, Annual AMS/MAA meeting in Atlanta, 2005 Principal Lecturer, MAA Regional Meeting, Moraga, 2005 Principal Lecturer, SEAM Meeting, William & Mary College, 2005 Judge, Siemens-Westinghouse Science Fair, 2005 Principal Speaker, Edinboro Univ. of Pennsylvania, 2006 Principal Organizer, Conference at PIMS in Banff, 2006 Principal Organizer, Conference at Banach Center, 2007

Principal Speaker, Conference at Poincare Center to Honor G. M. Henkin, 2007
Faculty Mentor Award, Washington University, 2007
Editor, special issue of Complex Variables and Elliptic Equations
Chief Editor, Notices of the AMS, 2010-2015
Plenary Speaker, Buckeye Symposium, Wooster, Ohio, 2010
Buckingham Scholar, Miami Univesity in Oxford, Ohio, 2010
Thirty-Eighth Biennial Convention of Kappa Mu Epsilon, Harris-Stowe State University, Principal Speaker, 2011
Math Retreat, University of Wisconsin, Eau Claire, Principal Speaker, 2011
Conference to honor S. G. Krantz for his 60th birthday and J. E. Fornæss for his 65th birthday, 2011v
Principal Organizer and Principal Speaker, Conference on the Corona Theorem, Fields Institute, July, 2012
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Academic Positions Held: Assistant Professor, UCLA, 1974-1981

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BIBLIOGRAPHY

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Published, Accepted, or Completed Papers

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- Structure and interpolation theorems for certain Lipschitz spaces and estimates for the ∂−equation, Duke Math. J. 43(1976), 417–439.
- 3. Optimal Lipschitz and L^p estimates for the equation $\overline{\partial}u = f$ on strongly pseudo-convex domains, *Bull. Amer. Math. Soc.* 82(1976), 51–52.
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- 108. (with K. Kaiser and B. Wegner) Topics and Issues in Electronic Publishing, http://www.math.uh.edu/~hjm/JMM_Book.
- 109. (with R. Douglas, E. Sawyer, S. Treil, and B. Wick), *Proceedings of the Fields Workshop on the Corona Problem*, Springer, New York, 2014.
- 110. (with P. Casazza and R. Ruden) *I, Mathematician*, vol. 1, Mathematical Association of America, 2015.
- 111. (with P. Casazza and R. Ruden) *I, Mathematician*, vol. 2, COMAP, Bedford, MA, 2016.
- 112. Real Analysis and Foundations, 3rd ed., Taylor & Francis/CRC Press, 2013.
- 113. Solutions Manual for Real Analysis and Foundations, 3rd ed., Taylor & Francis/CRC Press, 2013.
- 114. Foundations of Real Analysis, Taylor & Francis/CRC Press, 2013.
- 115. (with L. Fontana and M. Peloso), Hodge Theory in the Sobolev Topology for the De Rham Complex, American Mathematical Society, Providence, RI, 1998.
- 116. Differential Equations: Theory, Technique, and Practice, 2nd ed., Taylor & Francis/CRC Press, 2015.
- 117. Convex Analysis, Taylor & Francis, Boca Raton, FL, 2015.
- 118. The Theory and Practice of Conformal Geometry, Dover Publishing, 2016.
- 119. How to Teach Mathematics, 3rd ed., American Mathematical Society, 2015.
- 120. *How to Teach Mathematics*, 3rd ed., Arab edition, Arab Bureau of Education for the Gulf States, 2018.
- 121. Differential Equations: Theory, Technique, and Practice, with Boundary Value Problems, 2nd ed., Taylor & Francis/CRC Press, 2015.

- 122. Harmonic and Complex Analysis in the Several Variables, Springer, 2017.
- 123. Real Analysis and Foundations, 4th ed., Taylor & Francis/CRC Press, 2016.
- 124. Instructor Solutions Manual for Real Analysis and Foundations, 4th ed., Taylor & Francis/CRC Press, 2016.
- 125. Student Solutions Manual for Real Analysis and Foundations, 4th ed., Taylor & Francis/CRC Press, 2016.
- 126. (chapter) Cristina Pereyra, Harmonic Analysis, Partial Differential Equations, Complex Analysis, Banach Spaces, and Operator Theory. Celebrating Cora Sadosky's Life, Volume 1, 2016.
- 127. Essentials of Mathematical Thinking, Taylor & Francis, Boca Raton, FL, 2017.
- 128. Handbook of Complex Analysis, Taylor & Francis, Boca Raton, FL, 2017.
- 129. Transition to Analysis with Proof, Taylor & Francis, Boca Raton, FL, 2017.
- 130. Student's Solutions Manual to *Basics of Real Analysis*, Taylor & Francis, Boca Raton, FL, 2017, to appear.
- 131. Instructor's Solutions Manual to Basics of Real Analysis, Taylor & Francis, Boca Raton, FL, 2017, to appear.
- 132. The Elements of Advanced Mathematics, 4th ed., Taylor & Francis, Boca Raton, FL, 2017.
- 133. Solutions Manual to *The Elements of Advanced Mathematics*, 4th ed., Taylor & Francis, Boca Raton, FL, 2017, to appear.
- 134. A Primer of Mathematical Writing, 2nd ed., American Mathematical Society, 2017.
- 135. Elementary Introduction to the Lebesgue Integral, Taylor & Francis, 2018.
- 136. Fourier Analysis and Differential Equations with Wavelets, Taylor & Francis, to appear.
- 137. Complex Variables: A Physical Approach, 2nd edition, CRC Press, 2019.
- 138. An Episodic History of Mathematics: Mathematical Culture through Problem Solving, Arabic Edition, Translation Center at King Saud University, 2019.
- 139. Complex Analysis with Real Foundations, Springer, to appear.
- 140. (with Arni Rao) a chapter entitled "Mathematical models for understanding

social distancing measures : general setting and analysis" in *Recent Developments in the Mathematical Modeling and Analysis of Infections*, Praveen Agarwal, Juan Nieto, Delfim Torres eds., Springer, New York, to appear.

- 141. (with Arni Rao) From Wavelets and Differential Equations to Fisher-Rao Metrics and Conformal Mapping: the COVID-19 Modeling and Geographic Distances of Collaborators, a chapter in *Math in the Time of Corona*, Springer, New York, 2020.
- 142. (with Arni Rao) a chapter entitled "Intensive Collaborative Work on COVID-19 Modeling" in *Math in the Time of the Corona*, Springer, New York, 2020.
- 143. (with Arni Rao) Continued and serious lockdown could have minimized many newly transmitted cases of COVID-19 in the U.S.: wavelets, deterministic models, and data, a chapter in *Mathematical Modelling and Analysis of Infectious Disease Problems (COVID-19) and Their Global Impact*, Praveen Agarwal, Juan J. Nieto, Michael Ruzhansky, and Delfim. F. M. Torres, eds.

GRADUATE STUDENTS DIRECTED

Jeffrey Hanock, M.A., 1978 Frank Kozakowski, M.A., 1978 Gary Massion, M.A., 1978 Curtis La Mack, M.S., 1983 Thomas Szekely, M.S., 1983 Kyle Hunter, M.S., 1984 Cynthia Wilson, M.S., 1985 Gerardo Aladro, Ph.D., 1985 Paul MacMillan, M.S., 1986 Amy Rush, M.S., 1986 Daowei Ma, Ph.D., 1990 Chen Zhenhua, Ph.D., 1990 Estela Gavosto, Ph.D., 1990 Marco Peloso, Ph.D., 1990 Jiye Yu, Ph.D., 1993 Xiaojun Huang, Ph.D., 1994 Siqi Fu, Ph.D., 1994 Fausto di Biase, Ph.D., 1995 Tristan Nguyen, Ph.D., 1997. Bao Luong, Ph.D., 1997. Judy Kenney, Ph.D., 1997. Dylan Retsek, Ph.D., 2001.

Lynn Apfel, Ph.D., 2003. Seth Howell, Ph.D., 2004. Lina Lee, Ph.D., 2007. Bennett Standeven, Ph.D., 2009. Baili Min, Ph.D., 2011. Liwei Chen, Ph.D., 2015. Bingyuan Liu, Ph.D., 2015.

INVITED LECTURES GIVEN

1975	Claremont Graduate School American Mathematical Society Summer Institute on Several Complex Variables
	University of California at Santa Cruz
1976	University of California at Berkeley California Institute of Technology
1977	Universite de Paris-Sud Several Complex Variables Seminar Universiteë de Paris-Sud Harmonic Analysis Seminar
1978	American Mathematical Society Summer Institute on Harmonic Analysis
1979	Princeton Conference on Several Complex Variables Claremont Graduate School Principal Speaker, regional MAA Conference, U. C. Riverside California State Polytechnic University, San Luis Obispo South California Functional Analysis Seminar

- 1980 Claremont Colleges University of California at Berkeley Michigan State University University of South Carolina University of North Carolina University of Tennessee University of New Mexico University of Chicago DePaul University University of Kentucky Washington University Princeton University Institute for Advanced Study University of Arkansas University of California at Davis Matematisches Forschungsinstitut Oberwolfach
- 1981 University of North Carolina American Mathematical Society meeting in Pittsburgh Princeton University
- 1982 American Mathematical Society meeting in Bryn Mawr American Mathematical Society meeting in Madison University of Toronto
- 1983 Rutgers University King's College Matematisches Forschunsingstitut Oberwolfach

- 1984 University of Uppsala Mittag-Leffler Institute Swedish Mathematics Society University of Oslo Bryn Mawr College Peking University Stanford University University of California at Berkeley Johns Hopkins University University of Maryland Washington University
- 1985 University of Pittsburgh Tulane University Lehigh University Princeton University University of North Carolina University of Georgia Lehigh University University of Chicago

1986 Florida International University University of South Carolina University of Maryland (principal speaker, complex analysis year) University of Umeå University of Trondheim Swedish Mathematical Society University Autonoma de Madrid Purdue University

- 1987 University of California at Berkeley Stanford University University of California at Santa Cruz University of Illinois at Urbana Princeton University Matematisches Forschungsinstitut Oberwolfach Texas A& M University Rice University Indiana University International Conference on Mathematical Modeling Stanford University
- 1988 University of North Carolina University of Arkansas University of Kansas University of Massachusetts at Amherst Mittag-Leffler Institute Swedish Mathematical Society University of Umeå Universite Paul Sabatier Universite de Bordeaux
- 1989 University of Wisconsin, Eau Claire Purdue University Univ. of Notre Dame Int'l Complex Analysis Conference, Cetraro, Italy Kansas State University Wichita State University

- 1990 Temple University University of Toronto Oregon State University University of Washington Indiana University Southern Illinois University Mathematisches Forschungsinstitut Oberwolfach National Academy of Sciences "Frontiers of Science" Forum
- 1991 University of Maryland Brown University Yale University University of Michigan Cornell University
- 1992 University of North Florida University of California at San Diego St. Louis University
 George Mason University (10 lectures) Universite de Paris VI University of Michigan Oklahoma State University
 Indiana University
 University of Massachusetts

- 1993 Southeastern Functional Analysis Conference Politecnico Torino University of Florence University of Rome Summer Research Institute on Operator Theory, Seattle University of Arkansas Oregon State University Wichita State University
- 1994 Clemson University University of Cincinnati Northwestern University Univ. of Illinois, Chicago Geometry Conference, Cetraro, Italy Univ. of Missouri, Rolla Univ. of Chicago Univ. of Maryland
- 1995 AMS Special Session, San Francisco University of Edinburgh Meramec College Australian National University MacQuarie University University of Adelaide University of Sydney AMS Special Session, Burlington University of Washington, Seattle University of California at Berkeley

- 1996 Mathematical Sciences Research Institute
 University of California at Berkeley (colloquium)
 University of California at Berkeley (seminar)
 Oregon State University
 Virginia Polytechnic Institute ("Students' Choice Lecturer")
 Rose-Hulman Institute of Technology
 University of Tennessee (Distinguished Speaker Series)
- 1997 Special Session on Complex Analysis, AMS Nat'l. Meeting in Seattle Special Session on Geometry, AMS Nat'l. Meeting in Seattle University of Central Arkansas Hendrix College Ohio State University University of Missouri, Columbia Pohang Institute of Technology, Korea Conference in Memory of Lars V. Ahlfors, Stanford Boston College Texas A&M Stanford University

1998 University of S. Florida
Indiana University
Butler University
Principal Speaker, Conference on Function Spaces
SIUE Edwardsville
University of North Carolina
Principal speaker, Hayama (JAPAN) Conference on Complex Geometry
Principal speaker and organizer, Korean Several
Complex Variables Conference, Seoul

1999	University of Maryland
	UCLA
	University of Wyoming
	Special Session, AMS, Salt Lake City
2000	Special Session, AMS, Washington, D.C.
	Department of Mathematics, Michigan State University
	Computational Biology Group, Michigan State University
	Carleton College
	University of Sardinia, Italy
	University of Florence, Italy
	University of Rome II, Italy
	Conference at Lake Como, Italy
2001	Distinguished Lecturer, Allegheny College
	University of Arkansas
	Seoul National University
2002	MEGSL Conference, St. Louis
	Court Lecturer of the MAA
	Discrete Geometry Conference, Tallahassee
	Functional Analysis Conference, Edwardsville
	Distinguished Lecturer, MAA Meeting, Claremont
2003	Penn State University
	Bowdoin College

2004	Di Giorgi Institute, Pisa, Italy
	American Cleft Palate-Craniofacial Association, Chicago
	lecture delivered by collaborator Alex Kane
	Oregon State University (Arvid Longseth Lecturer)
	Work in Teams, Banff International Research Station
	University of Missouri at Rolla
	Stanford University
	University of Washington
	University of Santa Clara
	University of California, Irvine
	MSRI/Evans lecture series
2005	Principal Lecturer, Annual AMS/MAA meeting in Atlanta
	American Cleft Palate-Craniofacial Association, Myrtle Beach
	lecture delivered by collaborator Petra Jacobsen
	Principal Lecturer, MAA Regional Meeting, Moraga
	San Jose State University Math Adventures Lecture
	Principal Lecturer, SEAM Meeting, William & Mary College
	Colloquium, Univ. of Santa Clara, 2004
	Sarason seminar, U. C. Berkeley, 2004
	Evans/Christ seminar, U. C. Berkeley, 2005
	Colloquium, U. C. Berkeley, 2005
	Sarason seminar, U. C. Berkeley, 2005
2006	AAAS Symposium
	Colloquium, Fresno State University
2007	Colloquium, Tulane University
	Colloquium, UC Santa Cruz
	Colloquium, Stanford University
	Organizer, Conference at Banach Center

2008	Colloquium, San Francisco State University
	Colloquium, Kansas State University
	Stanford University Logic Seminar
	Colloquium, Purdue University
2009	Colloquium, Purdue University
	Seminar, Purdue University
	Colloquium, University of Pittsburgh
	Seminar, University of Michigan
	"What Is?" seminar, University of Michigan
	Colloquium, University of Michigan
	Schrödinger Institute of Theoretical Physics
2010	University of Notre Dame
	Miami University in Oxford, Ohio
	St. Francis College
2011	Harris Stowe College
	University of Wisconsin in Eau Claire
	Chapman University
2012	AMS Special Session on Learning Analysis
	Fields Institute of Mathematics Plenary Talk
2014	Plenary Speaker at MAA meeting, SIUE Edwardsville
	Principal Speaker, Conference on Function Spaces
	SIUE Edwardsville
2015	Distinguished Speaker, University of Central Florida
	Knox College
2016	Plenary Speaker, SIU Mathematics Conference, Carbondale
	Colloquium Speaker, University of California at Riverside
2018	Colloquium Speaker, Georgetown University
	Keynote speaker, MAA meeting, Hofstra University
2019	Colloquium Speaker, Rutgers University
	Colloquium Speaker, Illinois Wesleyan University
2020	Plenary Speaker, minisymposium on COVID-19, Elsevier.
	Plenary Speaker, webinar on COVID-19,
	National School of Applied Sciences of Fez, Morocco

GRANTS AND OUTSIDE SUPPORT

1975 - 2006:	National Science Foundation Summer Research Grant
1983:	Research Initiation Grant at Pennsylvania State University
1987:	Mathematical Research Equipment Grant from the National Science Foundation
1988:	Biological Research Grant from Washington University
1988:	Graduate Education Grant in Areas of National Need from the Department of Education
1989:	Special Projects Grant from the National Science Foundation
	for the 1989 American Mathematical Society Summer
	Research Institute
1989-96:	Undergraduate Research Experience Grant from the National
	Science Foundation
1992-93:	Fund for the Improvement of Post-Secondary Education Grant
	for developing the book How to Teach Mathematics
1993-4:	Kemper Foundation Grant for Developing a Course on Problem
	Solving at Washington University and an accompanying text
1996-8:	Group Infrastructure Grant, National Science Foundation
1996-1998:	Group Research Grant in Analysis
1999:	SEGR Grant, National Science Foundation
1999 - 2001:	NSF Summer Research Grant
2000:	SEGR Grant, National Science Foundation
2000:	Grant to run Holomorphic Mappings Conference,
	National Science Foundation
2000:	National Need Grant, Department of Education
2001 - 2003:	NSF Summer Research Grant
2002:	National Need Grant, Department of Education
2005:	Research Grant from Dean of Graduate School at Washington University
2007:	NSF Grant to run conference at Banach Center
2012:	NSF Grant to run conference at Fields Institute

OTHER ACTIVITIES

Reviewer for Mathematical Reviews Reviewer for Zentralblatt für Mathematik Referee for the National Science Foundation Referee for Annals of Mathematics, Proceedings of the American Mathematical Society, Duke Journal of Mathematics, Pacific Journal of Mathematics, Annali Scuola Norm. Sup. Pisa, Indiana Journal of Mathematics, and other journals

Panel member, NSF Centers of Science and Technology Program, 1989

Panel member, NSF Instrumentation and Laboratory Improvement Grant Program, 1992

Panel member, NSF Calculus and First Two Years Teaching Grant Program, 1993

Panel member, NSF Curriculum Development Program, 1994

Associate Editor, the NEW Notices of the AMS, 1995-

Associate Editor Committee, American Mathematical Monthly, 1996-

Associate Editor, Complex Variables, 1994-present

Member at Large of Council of the American Mathematical Society, 1993-1995

Member of the Executive Committee of the American Mathematical Society, 1995-1999

Appointed Executive Committee representative to the AMS Council, 1996-1999

Member, AMS Committee on Publications, 1995-1998.

Chairman of the AMS Committee on Publications, 1995-1996

Chairman of the AMS President's Taskforce on Electronic Journals, 1995

Chairman of the AMS Long Range Planning Committee, 1997-2000

Chief Editor of the Carus Monograph Series for the MAA, 1997-2000

Member of outside review committee, Univ. of Oregon

Editorial Consultant for Harper & Row, Wadsworth, Saunders, John Wiley and Sons, Addison-Wesley, Benjamin Cummings, Springer Verlag

Founder and Consulting Editor, CRC Press Studies in Advanced Mathematics Book Series

Founder and Managing Editor, Journal of Geometric Analysis

Editor-in-Chief, Journal of Mathematical Analysis and Applications, 2000-

Founder and Managing Editor, Complex Analysis and its Synergies

Editorial Board, Journal of Humanistic Mathematics.

Software Consultant, Natoli Engineering

Panel Member, AMS Forum on Employment, 1995

Panel Member, Forum on How to Give a Lecture, AMS, 1996

Panel Member, Forum on Set Theory and Logic, AMS, 1996

Member, Board of Advisors, American Institute of Mathematics, 1997-

Member, Putnam Exam Problems Committee of the MAA, 1998–2000

Member of Research Group to Develop Computer Graphic Tools in Aesthetic Rhinoplasty, 1996–

Helped revise the Math Reviews Subject Classification System, 1999

Chairman, Department of Mathematics, Washington University in St. Louis, 1999-2004 Natural Sciences Division Head, Washington University in St. Louis, 2002– Member, Panel to Discuss Future of Harmonic Analysis, Edwardsville, 2002 Member of Research Group to Study Unicoronal Synostosis Editor, Birkhäuser Advanced Texts series Editor, Walter Rudin Series of Advanced Texts for McGraw-Hill Publishing Member of Editorial Board, Notices of the AMS, 2004-Book Review Editor, Notices of the AMS, 2004-Member of Book Review Board, Bulletin of the AMS, 2003– Deputy Director, American Institute of Mathematics, 2006–2008 Member of the AMS Committee on Committees, 2008-Managing Editor of the Notices of the AMS, 2010-2015 Associate Editor, Complex Variables and Elliptic Equations Associate Editor, Bulletin of the American Mathematical Society Associate Editor, American Mathematical Monthly Editor-in-Chief, Methods of Complex Analysis Member of Outside Review Committee, University of South Florida, 2010

References

- Steven R. Bell, Department of Mathematics, Purdue University, West Lafayette, Indiana 47907-2067
- John Erik Fornæss, Department of Mathematics, University of Michigan, Ann Arbor, Michigan 48109-1109
- Robert E. Greene, Department of Mathematics, University of California at Los Angeles, Los Angeles, California 90095-1555
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- Harold R. Parks, Department of Mathematics, Oregon State University, Corvallis, Oregon 97331-4605
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