

CURRICULUM VITAE

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Undergraduate Education: B.A. , University of California, Santa Cruz,
1971

Honors : Valedictorian, Sequoia High School, 1967
Participant, NSF Summer Mathematics Research Program, 1968
Highest University Honors and College Honors, 1971
Crown-Zellerbach Foundation Graduate Fellow, 1971

National Science Foundation Graduate Fellow, 1971-1974
Woodrow Wilson Foundation Designate, 1971
Visiting Professor, Universite de Paris-Sud, 1977
UCLA Alumni Foundation Distinguished Teaching Award, 1979
Visiting Professor, Princeton University, 1980
Visiting Fellow, Institute for Advanced Study, 1981
Visiting Professor, Uppsala University, 1984
Visiting Professor, Beijing University, 1984
Visiting Professor, University of Umeå, 1986
Visiting Professor, University Autonoma de Madrid, 1986
Visiting Professor, Mittag-Leffler Institute, 1988
Visiting Professor, Universite Paul Sabatier, 1988
Principal Speaker, Complex Analysis Conference, Cetraro, 1989
Head of Organizing Committee, AMS Summer Institute,
Santa Cruz, 1989
Speaker, Frontiers of Science Symposium, Irvine, CA, 1991
Chauvenet Prize of the MAA, 1992
Principal Speaker, CBMS Conference, George Mason
University, 1992
Principal Speaker, Southeastern Functional Analysis
Meeting, 1993
Visiting Professor, Politecnico Torino, 1993
Principal Speaker, AMS Summer Research Institute on
Operator Theory, 1993
Beckenbach Prize of the MAA, 1994
Kemper Foundation Education Grant, 1994
Principal Speaker, NATO Conference on Several
Complex Variables, Edinburgh, 1995
Richardson Fellow, Australian National University, 1995

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 University 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
AMS Fellow, 2012
Honorable Mention in “Who’s Who in Academia”
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Academic Positions Held: Assistant Professor, UCLA, 1974-1981
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BIBLIOGRAPHY

Steven G. Krantz

Published, Accepted, or Completed Papers and Scholarly Works

1. Optimal Lipschitz and L^p regularity for the equation $\bar{\partial}u = f$ on strongly pseudo-convex domains, *Math. Annalen* 219(1976), 233–260.
2. Structure and interpolation theorems for certain Lipschitz spaces and estimates for the $\bar{\partial}$ -equation, *Duke Math. J.* 43(1976), 417–439.
3. Optimal Lipschitz and L^p estimates for the equation $\bar{\partial}u = f$ on strongly pseudo-convex domains, *Bull. Amer. Math. Soc.* 82(1976), 51–52.
4. Intrinsic Lipschitz classes on manifolds with applications to complex function theory and estimates for the $\bar{\partial}$ and $\bar{\partial}_b$ equations, *Manuscripta Math.* 24(1978), 351–378.
5. Smoothness of harmonic and holomorphic functions, *Proc. Symp. Pure Math.*, Vol. 35 (1979) (S. Wainger and G. Weiss, eds.), 63–67.
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10. Finite type conditions and elliptic boundary value problems, *Jour. Diff. Eq.* 34(1979), 239–260.
11. (with John Erik Fornæss) Continuously varying peaking functions, *Pac. Jour. Math.* 83(1979), 341–347.
12. Analysis on the Heisenberg group and estimates for functions in Hardy classes of several complex variables, *Math. Annalen* 244(1979), 243–262.
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17. Holomorphic functions of bounded mean oscillation and mapping properties of the Szegő projection, *Duke Math. Jour.* 47(1980), 743–761.
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22. (with R. E. Greene) The stability of the Bergman kernel and the geometry of the Bergman metric, *Bull. Am. Math. Soc.* 4(1981), 111–115.
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69. (with Brian Blank) *Instructor's Resource Manual for Calcululus*, Key Curriculum Press, Emeryville, CA, 2006.
70. *Real Analysis and Foundations*, 2nd ed., CRC Press, Boca Raton, 2005.
71. *Solutions Manual for Real Analysis and Foundations*, 2nd ed., Taylor & Francis/CRC Press, 2005.
72. *Differential Equations Demystified*, McGraw-Hill, New York, 2005.
73. *Complex Variables: A Physical Approach with MATLAB*, CRC Press, Boca Raton, FL, 2007.
74. *Complex Variables: A Physical Approach with MaTLAB*, Persian edition, 2015.
75. *An Episodic History of Mathematics: Mathematical Culture through Problem Solving*, Mathematical Association of America, 2010.
76. *An Episodic History of Mathematics: Mathematical Culture through Problem Solving*, Korean edition, Kyung Moon, 2012.
77. *Mathematical Publishing, A Guidebook*, American Mathematical Society, Providence, RI, 2005.
78. *Cornerstones of Geometric Function Theory: Explorations in Complex Analysis*, Birkhäuser Publishing, Boston, 2006.
79. (with Gary R. Jensen) *150 Years of Mathematics at Washington University in St. Louis*, American Mathematical Society, Providence, RI, 2006.
80. (with R. E. Greene) *Function Theory of One Complex Variable*, 3rd ed., American Mathematical Society, Providence, RI, 2006.
81. *The Proof is in the Pudding: A Look at the Changing Nature of Mathematical Proof*, Springer, 2011.
82. *The Proof is in the Pudding: A Look at the Changing Nature of Mathematical Proof*, Russian translation, 2016.
83. (contributing author) *Starting Our Careers*, American Mathematical Society, Providence, RI, 1999.
84. *A Guide to Complex Variables*, Mathematical Association of America, Washington, D.C., 2008.
85. *The Survival of a Mathematician: From Tenure to Emeritus*, American

- Mathematical Society, 2009.
86. *Discrete Mathematics Demystified*, McGraw-Hill, 2009.
 87. *A Guide to Topology*, Mathematical Association of America, Washington, D.C., 2009.
 88. *A Guide to Real Variables*, Mathematical Association of America, Washington, D.C., 2009.
 89. *Essentials of Topology: Theory and Practice*, Taylor & Francis, Boca Raton, FL, 2009.
 90. e-Study Guide for Essentials of Topology, Cram101, 2012.
 91. Studyguide for Essentials of Topology, Cram101, 2013.
 92. *Explorations in Harmonic Analysis, with Applications in Complex Function Theory and the Heisenberg Group*, Birkhäuser Publishing, Boston, 2009.
 93. (with H. R. Parks) *A Mathematical Odyssey: Journey from the Real to the Complex*, Birkhäuser Publishing, Boston, MA, 2013.
 94. (with B. Blank) *Calculus Single Variable*, 2nd ed., John Wiley and Sons, New York, 2011.
 95. (with B. Blank) *Calculus Multivariable*, 2nd ed., John Wiley and Sons, New York, 2011.
 96. (with B. Blank) *Calculus, Multivariable: Student Study and Solutions Manual*, Wiley, New York, 2011.
 97. (with B. Blank) *Calculus, Single Variable: Student Study and Solutions Manual*, Wiley, New York, 2011.
 98. *WP Stand Alone Calculus Multivariable*, John Wiley & Sons, New York, 2010.
 99. *WP Stand Alone Calculus Single Variable*, John Wiley & Sons, New York, 2010.
 100. *Calculus Demystified*, 2nd ed., McGraw-Hill, New York, 2011.
 101. *The Integral: A Crux for Analysis*, Morgan & Claypool, 2011.
 102. *A Mathematician Comes of Age*, Mathematical Association of America, 2012.
 103. *The Elements of Advanced Mathematics*, 3rd edition, Taylor & Francis, Boca Raton, FL, 2012.

104. *Studyguide for the Elements of Advanced Mathematics*, Taylor & Francis, Boca Raton, FL, 2013.
105. *e-Study Guide for The Elements of Advanced Mathematics*, 3rd ed., Cram101, 2014.
106. *Geometric Analysis of the Bergman Kernel and Metric*, Birkhäuser Publishing, 2013.
107. *A Guide to Functional Analysis*, Mathematical Association of America, Washington, D.C., 2013.
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.
 144. *Real Variable Hardy Spaces à la E. M. Stein*, Birkhäuser Publishing, to appear.
 145. *The Elements of Advanced Mathematics*, 5th edition, CRC Press, to appear.
 146. *Real Analysis and Foundations*, 5th edition, CRC Press, to appear.
 147. *Differential Equations: Theory, Technique, and Practice*, 3rd edition, CRC Press, to appear.

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 Forschungsinstitut 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
- 2021 Plenary speaker, conference to honor Marco Peloso, Milan
 Plenary speaker, conference on Bergman kernel, Warwaw

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
2021: NSF Grant to study the COVID-19 virus.

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
- Kang-Tae Kim, Department of Mathematics, Pohang University of Science and Technology, Pohang, SOUTH KOREA
- Harold R. Parks, Department of Mathematics, Oregon State University, Corvallis, Oregon 97331-4605
- Yum-Tong Siu, Department of Mathematics, Harvard University, Cambridge, Massachusetts 02138-2901