# CURRICULUM VITAE 

Steven G. Krantz

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Graduate Education: Ph.D., Mathematics, Princeton University, 1974 Thesis directed by E. M. Stein

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 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, 2011

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"
Book Differential Equations: A Modern Approach with Wavelets chosen as an Outstanding Academic Title by CHOICE magazine
guest editor for special issue of Axioms journal on the subject
Operator Theory, Complex Analysis, and Applications
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Conference to honor S. G. Krantz for his 70th birthday, 2023
Academic Positions Held: Assistant Professor, UCLA, 1974-1981
Associate Professor, Pennsylvania State
University, 1981-4
Professor, Pennsylvania State University, 1984-7
Professor, Washington University, 1986 - present.

# 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.
6. Characterizations of various domains of holomorphy via $\bar{\partial}$-estimates and applications to a problem of Kohn, Illinois J. Math. 23(1979), 267-285.
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8. Geometric Lipschitz spaces and applications to complex function theory and nilpotent groups, J. Funct. Anal. 34(1980), 456-471.
9. Lipschitz spaces on stratified groups, Trans. Am. Math. Soc. 269(1982), 39-66.
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.
13. Estimates for integral kernels of mixed type, fractional integration operators, and optimal estimates for the $\bar{\partial}$-operator, Manuscripta Math. 30(1979), 21-52.
14. (with R. E. Greene) Stability properties of the Bergman kernel and curvature properties of bounded domains, Recent Developments in Several Complex Variables (J. E. Fornæss, ed.), Princeton University Press (1979), 179-198.
15. Boundary values and estimates for holomorphic functions of several complex variables, Duke Math. Jour. 47(1980), 81-98.
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17. Holomorphic functions of bounded mean oscillation and mapping properties of the Szegö projection, Duke Math. Jour. 47(1980), 743-761.
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20. How to Teach Mathematics, Japanese edition, Tamagawa University Press, 1998.
21. How to Teach Mathematics, Portuguese edition, Sociedade Portuguesa de Matematica, 2001.
22. How to Teach Mathematics, Korean edition, Kyung Moon Publishers, 2013.
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24. (with Brian Blank) Calculus Multivariable: Student Study and Solutions Companion, Key Curriculum Press, Emeryville, 2008.
25. (with Brian Blank) Calculus Single Variable: Student Study and Solutions Companion, Key Curriculum Press, Emeryville, 2008.
26. (with Brian Blank) Instructor Resources for Calculus Single Variable, Key Curriculum Press, Emeryville, 2006.
27. (with B. Blank) Instructor Resources for Calculus Multivariable, Key Curriculum Press, Emeryville, CA, 2006.
28. (with B. Blank) Calculus, Single Variable Instructors Solutions Manual, Key Curriculum Press, Emeryville, CA, 2006.
29. (with Stanley Sawyer) A $T_{E} X$ Primer for Scientists, CRC Press, 1994.
30. The Elements of Advanced Mathematics, CRC Press, Boca Raton, FL, 1995.
31. Solutions Manual for the Elements of Advanced Mathematics, CRC Press, Boca Raton, FL, 2001.
32. (with K. Rosen and D. Zwillinger, eds.) The Standard Book of Tables and Formulas, CRC Press, Boca Raton, 1995.
33. Dictionary of Algebra, Arithmetic, and Trigonometry, CRC Press, Boca Raton, 2001.
34. (with H. R. Parks), The Geometry of Domains in Space, Birkhäuser, Boston, 1996. in progress.
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36. Techniques of Problem Solving, Korean edition, Kyung Moon Publishers, 2001.
37. Techniques of Problem Solving, Japanese edition, Maruzen Publishing Division, 2001.
38. Techniques of Problem Solving, Saudi Arabian edition, Arab Bureau for the Education of the Gulf States, 2014.
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40. A Primer of Mathematical Writing, Japanese edition, Maruzen Publishing Division, 1999.
41. (with E. Gavosto, W. McCallum), Contemporary Issues in Mathematics Education, Cambridge University Press, 1999.
42. A Panorama of Harmonic Analysis, A Carus Monograph, Mathematical Association of America, Washington, D.C., 1999.
43. How to Teach Mathematics, $\mathbf{2}^{\text {nd }}$ ed., American Mathematical Society, Providence, 1999.
44. A Handbook of Complex Variables, Birkhäuser, Boston, 1999.
45. Handbook of Typography for the Mathematical Scientist, CRC Press, Boca Raton, 2001.
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47. (with H. R. Parks) The Implicit Function Theorem, Chinese Edition, Beijing World Publishing Corporation, 2013.
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55. Solutions Manual for The Elements of Advanced Mathematics, 2nd ed., CRC Press, Boca Raton, FL, 2002.
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57. Calculus Demystified, McGraw-Hill, New York, 2002.
58. (with H. R. Parks) Geometric Integration Theory, Birkhäuser Publishing, Boston, MA, 2008.
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65. (with G. F. Simmons) Studentandapos;s Solutions Manual to Acccompany Differential Equations: Theory, Technique, and Practice, McGraw-Hill, New York, 2006.
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71. Solutions Manual for Real Analysis and Foundations, 2nd ed., Taylor \& Francis/CRC Press, 2005.
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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.
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Mathematical Society, 2009.
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99. WP Stand Alone Calculus Single Variable, John Wiley \& Sons, New York, 2010.
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102. A Mathematician Comes of Age, Mathematical Association of America, 2012.
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106. Geometric Analysis of the Bergman Kernel and Metric, Birkhäuser Publishing, 2013.
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111. (with P. Casazza and R. Ruden) I, Mathematician, vol. 2, COMAP, Bedford, MA, 2016.
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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.
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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 COVID19 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., Springer, Singapore.
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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.
148. (with Arni Rao and C. R. Rao), Artificial Intelligence, Handbook of of Statistics 49, Academic Press, Cambridge, MA, 2023.
149. (with Peter Dovbush), Normal Families and Normal Functions, to appear.
150. Complex Analysis: The Geometric Viewpoint, Chinese edition, Higher Education Press, 2021.
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152. (with B. Blank), WileyPLUS Card for Calculus: Single Variable.
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nese Edition, 2011.
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157. (with Brian Blank) Calculus, Instructor Solutions Manual: Single Variable, Key Curriculum Press, 2008.
158. (with Brian Blank) Calculus, Instructor Resources: Single and Multivariable, Key Curriculum Press, 2003.
159. (with James R. Munkres and Harold R. Parks) The Elements of Algebraic Topology, Taylor \& Francis Publishing, to appear.
160. (with Harold R. Parks) Vector Calculus, Taylor \& Francis, to appear.
161. (with Peter Dovbush) The Geometric Theory of Complex Variables, to appear.
162. (with Gordon Chen) A Study of Animal Motions, Cambridge University 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 

Claremont Graduate School
American Mathematical Society Summer Institute on
Several Complex Variables
University of California at Santa Cruz

University of California at Berkeley
California Institute of Technology

Universite de Paris-Sud Several Complex Variables Seminar Universiteë de Paris-Sud Harmonic Analysis Seminar

American Mathematical Society Summer Institute on Harmonic Analysis

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<br>Mittag-Leffler Institute<br>Swedish Mathematics Society<br>University of Oslo<br>Bryn Mawr College<br>Peking University<br>Stanford University<br>University of California at Berkeley<br>Johns Hopkins University<br>University of Maryland<br>Washington University<br>1985 University of Pittsburgh<br>Tulane University<br>Lehigh University<br>Princeton University<br>University of North Carolina<br>University of Georgia<br>Lehigh University<br>University of Chicago<br>1986 Florida International University<br>University of South Carolina<br>University of Maryland (principal speaker, complex analysis year)<br>University of Umeå<br>University of Trondheim<br>Swedish Mathematical Society<br>University Autonoma de Madrid<br>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

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

University of Maryland
Brown University
Yale University
University of Michigan
Cornell University

1092 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

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

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

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
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

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, Warsaw
speaker, special session, annual AMS meeting

## GRANTS AND OUTSIDE SUPPORT

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\text { 1983: } \\
\text { Research Initiation Grant at Pennsylvania State University }\end{array}
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1987: \& Mathematical Research Equipment Grant from the National <br>

Science Foundation\end{array}\right]\)| 1988: | Biological Research Grant from Washington University <br> Graduate Education Grant in Areas of National Need from <br> the Department of Education |
| :--- | :--- |
| 1989: | tpecial Projects Grant from the National Science Foundation <br> for the 1989 American Mathematical Society Summer |
| Research 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, 19931995
Member of the Executive Committee of the American Mathematical Society, 1995-1999

Appointed Executive Committee representative to the AMS Council, 19961999
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.
Editor, Advances in Nonlinear Analysis
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

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[^0]:    ${ }^{1}$ Books 3, 13, 20 have been translated into several foreign languages.

