

## EDWARD B. BURGER

### Lectures, Addresses, Workshops, and Radio & Television Appearances

#### Conference Lectures:

1. The Second Conference of the Canadian Number Theory Association, August 23, 1989.
2. The 90<sup>th</sup> Ontario Mathematics Meeting, McMaster University, February 9, 1991.
3. The 1991 Seaway Number Theory Conference, University of Rochester, May 10, 1991.
4. Conference on the Markoff Spectrum and Diophantine Approximation at Brigham Young University, May 20, 1991.
5. The 1992 Illinois Number Theory Conference, University of Illinois at Urbana, April 4, 1992.
6. The 1992 Union College Number Theory Conference, April 26, 1992.
7. Special session in number theory in honor of the 80th birthday of Paul Erdős at the American Mathematical Society Conference at Northern Illinois University, May 21, 1993.
8. Colloquium on Elementary and Analytic Number Theory, János Bolyai Mathematical Society, Lillafüred, Hungary, June 25, 1993.
9. Conference for the Association of Teachers of Mathematics in New England, Breakfast Speaker, Springfield, Massachusetts, November 6, 1993.
10. Hudson River Undergraduate Mathematics Conference, Siena College, April 9, 1994.
11. Mathematical Association of America Connecticut Regional Dinner Meeting, Keynote Speaker, Connecticut College, April 13, 1994.
12. Mathfest at Bridgewater State University, Invited Main Speaker, May 27, 1994.
13. Symposium on Diophantine Problems in Honor of W. Schmidt's 60th Birthday, University of Colorado at Boulder, June 28, 1994.
14. Special Session in Number Theory, the American Mathematical Society Conference at the University of North Carolina at Greensboro, November 18, 1995.
15. The Annual Association of Teachers of Mathematics in New England Conference, Keynote Speaker, Portland ME, December 1, 1995.
16. 27th Annual Mathematics Day, Keynote Speaker, Montclair State University, March 6, 1996.
17. Hudson River Undergraduate Mathematics Conference, Skidmore College, April 20, 1996.
18. Discovery Learning in Undergraduate Education, Invited Participant, Austin, TX, June 26-28, 1996.

19. Mathfest Summer AMS-MAA Meeting, AMS Invited Organizer for a Special Session (with C. Adams), Seattle, WA, August 10, 1996.
20. Mathfest Summer AMS-MAA Meeting, Special Presentation (with C. Adams), Seattle, WA, August 11, 1996.
21. The Annual Association of Teachers of Mathematics in New England Conference, Breakfast Speaker, Providence, RI, November 16, 1996.
22. LaCEPT/LaSIP Conference, Keynote Lecture (with C. Adams), LA Board of Regents, Baton Rouge, January 31, 1997.
23. The Annual Association of Teachers of Mathematics in Connecticut Conference, Keynote Speaker, Cromwell, CT, March 24 & 25, 1997.
24. Hudson River Undergraduate Mathematics Conference, Williams College, April 12, 1997.
25. Five College Number Theory Seminar, Amherst College, April 29, 1997.
26. Mathfest Summer AMS-MAA Meeting, Special Invited Presentation (with C. Adams), Atlanta, GA, August 4, 1997.
27. Mathematical Association of America Seaway Sectional Fall Meeting, Banquet Speaker, Siena College, November 7, 1997.
28. Mathematical Association of America DC, Maryland, Virginia Sectional Spring Meeting, Keynote Speaker, Virginia State University, April 17, 1998.
29. Massachusetts Association of Mathematics Leagues, Keynote Speaker, Milford, MA, May 14, 1998.
30. Special session in number theory, the American Mathematical Society conference at DePaul University, September 12, 1998.
31. Conference for the National Council of Teachers of Mathematics, Keynote Speaker, Hartford, CT, October 16, 1998.
32. Mathematical Association of America New Jersey Sectional Fall Meeting, Keynote Speaker, Stevens Institute, November 1, 1998.
33. Special session in number theory, Invited Speaker, the American Mathematical Society conference at the University of Illinois at Urbana, March 19, 1999.
34. AMS-MAA-SIAM Joint Meetings, Invited MAA Minicourse (with M. Starbird), Washington, DC, January 19 & 21, 2000.
35. AMS-MAA-SIAM Joint Meetings, MAA Invited Address, Washington, DC, January 22, 2000.
36. The 2000 Intermountain Region Meeting of the Mathematical Association of America, Keynote Speaker, Southern Utah University, March 24, 2000.
37. The 2000 New York State Mathematics Association of Two Year Colleges Annual Conference, Plenary Address, Hofstra University, April 8, 2000.

38. The Pennsylvania State System of Higher Education Mathematics Association Conference, Keynote Address, Clarion University, April 28, 2000.
39. The National Competition of the MathCounts Program, Keynote Address, Washington, DC, May 12, 2000.
40. Cancun Workshop in Educational Technology, Keynote Address, Cancun, July 31, 2000.
41. Project NExT Workshop, Invited Special Session (with M. Starbird), UCLA, August 2, 2000.
42. Project NExT Workshop, Invited Panelist on Liberal Arts, UCLA, August 2, 2000.
43. Project NExT Workshop, Invited Panelist on Life and Work, UCLA, August 2, 2000.
44. MAA Mathfest 2000, Invited MAA Minicourse (with M. Starbird), UCLA, August 3 & 4, 2000.
45. Northeastern Section MAA Meeting, Christie Lecture, Providence College, November, 17, 2000.
46. AMS-MAA Joint Meetings, Invited Address, New Orleans, LA, January 12, 2001.
47. Kansas Section MAA Meeting, Keynote Addresses, Emporia State University, March 30 & 31, 2001.
48. Annual NCTM Meeting, Keynote Address, Orlando, FL, April 7, 2001.
49. Michigan Section MAA Meeting, Keynote Address, Hope College, April 27 & 28, 2001.
50. Mathemagica Summer Institute, Keynote Address, Boston, MA, July 19, 2001.
51. Project NExT Workshop, Invited Panelist on Attracting Students to Math Programs, University of Wisconsin, August 1, 2001.
52. Project NExT Workshop, Invited Special Session (with M. Starbird), University of Wisconsin, August 2, 2001.
53. MAA Mathfest 2001, Invited MAA Minicourse (with M. Starbird), University of Wisconsin, August 3 & 4, 2001.
54. Utah Workshop in Educational Technology, Keynote Address, Snowbird, August 5, 2001.
55. Indiana Section MAA Meeting, Pólya Lecture, Purdue University, October 20, 2001.
56. Ohio Section MAA Meeting, Pólya Lectures, Marietta College, October 27, 2001.
57. Louisiana/Mississippi Section MAA Meeting, Pólya Lectures, Northwestern State University, March 1 & 2, 2002.
58. Undergraduate Connecticut Valley Colloquium, Amherst College, March 6, 2002.
59. Key Workshop, Invited minicourse, Orlando, FL, March 16, 2002.
60. Five College Number Theory Seminar, Amherst College, April 16 2002.
61. ORMATYC Conference, Keynote Address, Portland, OR, April 27, 2002.
62. MAA PREP Workshop (with M. Starbird), The University of Texas at Austin,

May 28–31, 2002.

63. Pacific Northwest MAA/AMS Meeting, Keynote Addresses, Portland State University, June 20, 2002.
64. MAA Mathfest 2002, Invited MAA Minicourse and Project NExT Workshop, Burlington, VT, August 1 & 2, 2002.
65. Keynote Addresses, Kansas City Mathematics Technology EXPO, Kansas City, KS, September 30–October 3, 2002.
66. NCTM Northeastern Meeting, Keynote Address, Boston MA, November 16, 2002.
67. Eisenhower Professional Development Workshop, Shippensburg University, December 16, 2002.
68. Key Workshop, Invited Main Address, Saint Xavier University, February 22, 2003.
69. Southern California MAA Meeting, Pólya Lectures, Claremont Colleges, March 8, 2003.
70. 6<sup>th</sup> Annual Legacy of R.L. Moore Conference, Luncheon Address, The University of Texas at Austin, March 13, 2003.
71. Oklahoma-Arkansas MAA Meeting, Pólya Lecture, University of Tulsa, March 28, 2003.
72. Missouri MAA Meeting, Pólya Lecture, Washington University, April 5, 2003.
73. Conference on World Affairs, Hour Address, University of Colorado, April 7, 2003.
74. Washington DC, Maryland, Virginia MAA Meeting, Pólya Lecture, Loyola University, April 11, 2003.
75. 32nd Annual Frostburg Mathematics Education Symposium, Keynote Address, Frostburg State University, April 25, 2003.
76. MAA Short Course, Allegheny Mountain Section, June 16–19, 2003.
77. MELEE Workshop, Main Address, University of Colorado at Boulder, July 15, 2003.
78. MAA PREP Workshop (with M. Starbird), University of Colorado, July 27–31, 2003.
79. AMTNYS Conference, Keynote Address, SUNY Potsdam, August 5, 2003.
80. Conference on Analytic Number Theory and Surrounding Areas, One-hour Plenary Lecture, Research Institute of Mathematical Sciences, Kyoto University, Japan, September 30, 2003.
81. AAPMT Fall Meeting, Dinner Address, Noble & Greenough School, October 17, 2003.
82. New Jersey MAA Fall Meeting, Pólya Lecture, Raritan Valley Community College, November 8, 2003.
83. AMS Special Session on Continued Fractions, Invited Speaker, AMS/MAA Meetings, Phoenix, AZ, January 9, 2004.
84. 7<sup>th</sup> Annual Legacy of R.L. Moore Conference, Main Address, Austin, TX, March 10, 2004.
85. Allegheny Mountain MAA Meeting, Keynote Addresses, March 26–27, 2004.

86. NCSM Conference, Invited Address, Philadelphia, April 20, 2004.
87. Seaway Section MAA Spring Meeting, Keynote Address, April 24, 2004.
88. USAMO Awards Ceremonies, Keynote Address, The United States State Department, June 21, 2004.
89. MAA Mathfest, Minicourse (with M. Starbird), Providence, RI, August 13-14, 2004.
90. CMC3S Conference, Keynote Address, Anaheim, CA, March 5, 2005.
91. NCTM Annual Meeting, Keynote Address, Anaheim, CA, April 8, 2005.
92. EPaDel Sectional Meeting of the MAA, Keynote Address, Lafayette College, April 16, 2005.
93. 8<sup>th</sup> Annual Legacy of R.L. Moore Conference, Main Address, Austin, TX, April 30, 2005.
94. Metropolitan Mathematics Club of Chicago, Annual Address, Chicago, IL, May 13, 2005.
95. CAMT Conference, Hour Address, Dallas, TX, July 11, 2005.
96. MAA PMET Workshop, Invited Speaker, Bowling Green State University, July 13, 2005.
97. IDS Leadership Conference, Keynote Address, Dallas, TX, July 27, 2005.
98. MAA Mathfest, Special Session in Gems of Number Theory, Invited Speaker, Albuquerque, NM, August 10, 2005.
99. NCTM Regional Meeting, Keynote Address, Hartford, CT, October 7, 2005
100. 44<sup>th</sup> Northwest Mathematics Conference, Keynote Address, Portland, OR, October 13, 2005.
101. 8<sup>th</sup> Annual Michigan Undergraduate Mathematics Conference, Keynote Address, University of Michigan-Flint, October 22, 2005.
102. NCTM Regional Meeting, Keynote Address, Harrisonburg, PA, October 27, 2005.
103. AMS Special Session on Continued Fractions, Invited Speaker, AMS/MAA Meetings, San Antonio, TX, January 13, 2006.
103. West Virginia Higher Education Math Symposium, Keynote Address, Marshall University, March 18, 2006.
104. 28<sup>th</sup> Pi Mu Epsilon Conference, Keynote Addresses, Saint John's University, April 7–8, 2006.
105. NCTM Annual Meeting, Invited Address, Saint Louis, MO, April 28, 2006.
106. 4<sup>th</sup> Annual Northeastern Section of the MAA Regional Meeting in Memory of K.J. Preskenis, Keynote Address, Framingham State College, May 4, 2006.
107. International Leadership Program on Creativity through Mathematical Thinking, Director and Instructor, American Community Schools, Athens, Greece, July 5–21, 2006.
108. MAA Mathfest, Special Session in Inquiry-Based Learning: The Next Generation, Organizer and Speaker, Knoxville, TN, August 11, 2006.
109. NCTM Regional Meeting, Keynote Address, Chicago, IL, September 20, 2006.
110. Tennessee Mathematics Teachers' Association Fall Conference, Keynote Address, University of Tennessee at Martin, September 23, 2006.

111. Mathematics Council of The Alberta Teachers' Association Fall Conference, Keynote Address, Edmonton, Canada, October 20, 2006.
112. The 2006 Shenandoah Undergraduate Mathematics and Statistics Conference, Keynote Address, James Madison University, October 28, 2006.
113. Southern Nevada Mathematics Council Regional Conference, Keynote Address & Workshop, Las Vegas, NV, January 26 & 27, 2007.
114. Broward County Council of Teachers of Mathematics Annual Dinner Seminar, Keynote Address, Fort Lauderdale, FL, March 15, 2007.
115. Greenville County Annual Mathematics Banquet, Greenville, SC, Keynote Address, April 10, 2007.
116. Legacy of R.L. Moore Conference, Invited Workshop, Austin, TX, April 14, 2007.
117. Clark County Teachers of Mathematics, Summer Workshop, Las Vegas, NV, June 14, 2007.
118. MathCamp, Number Theory Short Course, Colby College, July 21–August 4, 2007.
119. The Northwest Ohio Center of Excellence in Mathematics Education Conference, Keynote Address, Bowling Green State University, September 15, 2007.
120. NCTM Regional Meeting, Keynote Address, Kansas City, MO, October 26, 2007.
121. Detroit Area Council of Teachers of Mathematics Annual Fall Conference, Keynote Address, Detroit, MI, November 10, 2007.
122. Associated Teachers of Mathematics in Connecticut Annual Conference, Keynote Address, Uncasville, CT, November 26, 2007.
123. Joint Meeting of the San Antonio Mathematics Collaborative and the Alamo District Council of Teachers of Mathematics, Keynote Address, San Antonio, TX, December 8, 2007.
124. Keynote Addresses, SUNMARC Conference, Arizona State University, February 23, 2008.
125. Keynote Address, California League of Middle School Teachers Conference, Sacramento, CA, February 29, 2008.
126. Keynote Address, Orange County Mathematics Conference, Anaheim, CA, March 15, 2008.
127. Main Speaker, Symposium on Creativity, North Carolina School of the Arts, Winston-Salem, NC, March 26, 2008.
128. Keynote Address, National Council of Supervisors of Mathematics Annual Conference, Salt Lake City, UT, April 8, 2008.
129. Keynote Address, Clark County Schools Workshop, Las Vegas, NV, April 19, 2008.
130. Invited Speaker, Special Session on Number Theory, Southern California AMS Regional Meeting, Claremont McKenna College, May 3, 2008.
131. Keynote Address, Mathematics and Science Workshop, Dickson Public Schools, Ardmore, OK, May 27, 2008.
132. Invited Speaker, MAA PREP Workshop, The University of Texas at Austin, June 2, 2008.

133. Keynote Address, AMTNYS Summer Institute, Onondaga Community College, Syracuse, NY, August 4, 2008.
134. Keynote Addresses, Orange County Professional Development Conference, Orlando, FL, August 13, 2008.
135. Invited Address, Winston-Salem School District Professional Development, Winston-Salem, NC, November 4, 2008.
136. Keynote Addresses, National Council of Teachers of Mathematics Conference, Reno, NV, November 7, 2008.
137. Keynote Address, California Mathematics Council Conference, Palm Springs, CA, November 8, 2008.
138. Keynote Address, National Council of Teachers of Mathematics Conference, Pittsburg, PA, February 12, 2009.
139. Joint Plenary Address, Florida Section Mathematical Association of America Conference & FTYCMA Conference, Florida Coast University, February 14, 2009.
140. Keynote Address, DVC Mathematics Conference, Chicago, IL, February 27, 2009.
141. Keynote Address, Kentucky Section of the Mathematical Association of America 2009 Conference, Kentucky State University, March 28, 2009.
142. Keynote Addresses, Washington Mathematical Association of Two-Year Colleges 2009 Conference, Columbia Basin College, April 24 – 25, 2009.
143. Keynote Address, New York Metro Section of the Mathematical Association of America 2009 Conference, The Webb Institute, May 3, 2009.
144. Keynote Addresses, Clark County Teachers of Mathematics Workshop, Las Vegas, NV, June 11–12, 2009.
145. Keynote Address, Metropolitan Mathematics Club, Chicago, IL, September 11, 2009.
146. Keynote Address, Florida Council of Teachers of Mathematics 2009 Conference, Palm Beach, FL, September 2, 2009.
147. Keynote Address, Arizona Association of Teachers of Mathematics Conference, Arizona State University, October 17, 2009.

#### **Invited College and University Lectures:**

1. Mathematics Colloquium, Saint Olaf College, February 27, 1990.
2. Number Theory Seminar, University of Waterloo, September 19, 1990.
3. Number Theory Seminar, University of Waterloo, September 26, 1990.
4. Number Theory Seminar, University of Texas at Austin, February 19, 1991.
5. P.M.C. Colloquium, University of Waterloo, March 26, 1991.

6. Number Theory Seminar, University of Texas at Austin, March 24, 1992.
7. Mathematics Colloquium, University of Texas at Austin, March 26, 1992.
8. Student Chapter of the MAA, Mathematics Lecture, Connecticut College, April 15, 1992.
9. Mathematics Colloquium, Connecticut College, April 16, 1992.
10. Science and Mathematics Seminar Lecture, University of Puget Sound, November 5, 1992.
11. Mathematics Colloquium, University of Puget Sound, November 6, 1992.
12. Séminaire de Théorie des Nombres, University of Caen, France, June 18, 1993.
13. Number Theory Seminar, The Mathematical Institute, The University of Debrecen, Hungary, June 28, 1993.
14. Visiting Scholars' Lecture Series, James Madison University, October 18, 1993.
15. Mathematics Colloquium, James Madison University, October 19, 1993.
16. Mathematics Colloquium, Michigan Technological University, March 21, 1994.
17. Mathematics Colloquium, Michigan Technological University, March 22, 1994.
18. Mathematics Colloquium, Connecticut College, April 14, 1994.
19. Number Theory Seminar, University of Texas at Austin, September 29, 1994.
20. Special Mathematics Lecture, Rice University, October 19, 1994.
21. Mathematics Colloquium, Rice University, October 20, 1994.
22. Millican Lecture Series, University of North Texas, November 18, 1994.
23. Number Theory Seminar, University of Colorado at Boulder, February 7, 1995.
24. Slow Pitch Colloquium, University of Colorado at Boulder, February 15, 1995.
25. Humanities Lecture Series, Tacoma Community College, May 4, 1995.
26. July Program speaker, Bennington College, July 20, 1995.
27. Mathematics Colloquium, University of North Florida, October 16, 1995.
28. Mathematical Sciences Colloquium, University of Washington, January 22, 1996.
29. Special Mathematics Lecture, Johnson and Wales University, April 25, 1996.
30. Mathematics Colloquium, Middlebury College, April 30, 1996.
31. Special Invited Lecture in Honor of Professor E.C. Schlesinger on the Occasion of his Retirement, Connecticut College, May 20, 1996.
32. Mathematics Colloquium, Bennington College, September 26, 1996.
33. Special Homecoming Mathematics Lecture, University of Richmond, October 18, 1996.
34. Dan E. Christie Lecture, Bowdoin College, February 4, 1997.
35. Mathematics Colloquium, Bowdoin College, February 4, 1997.



36. Invited Address, MathCounts, University of Hartford, March 8, 1997.
37. MAA Colloquium, Amherst College, October 20, 1997.
38. Mathematics Colloquium, Simmons College, November 13, 1997.
39. Mathematics Colloquium, Princeton University, January 16, 1998.
40. Special Teaching Workshop (with C. Adams), Princeton University, January 17, 1998.
41. Mathematics Colloquium, Santa Clara University, January 27, 1998.
42. Invited Address, MathCounts, University of Hartford, February 7, 1998.
43. Discovery Seminar, University of Texas at Austin, April 2, 1998.
44. Number Theory Seminar, University of Texas at Austin, April 2, 1998.
45. Mathematics Colloquium, Illinois Institute of Art, May 22, 1998.
46. Slow Pitch Colloquium, University of Colorado at Boulder, September 2, 1998.
47. Public Lecture Series, Beloit College, September 13, 1998.
48. Mathematics Colloquium, Beloit College, September 14, 1998.
49. Dean's Lecture, Illinois Institute of Art, September 16, 1998.
50. Mathematics Colloquium, Illinois Institute of Art, September 17, 1998.
51. Number Theory Seminar, University of Colorado at Boulder, September 22, 1998.
52. First Annual Math Club of MSC Mathematics Lecture, Mesa State College, November 12, 1998.
53. Special Mathematics Lecture Series, Harvey Mudd College, January 19, 1999.
54. Invited Guest Lecture, Claremont McKenna College, January 20, 1999.
55. The Claremont Colleges Mathematics Colloquium, January 21, 1999.
56. Mathematics Colloquium, UCLA, January 22, 1999.
57. Mathematics Colloquium, Swarthmore College, February 12, 1999.
58. Special Mathematics Lecture Series, SUNY at Geneseo, February 18, 1999.
59. Mathematics Colloquium, SUNY at Geneseo, February 19, 1999.
60. Workshop in number theory research, SUNY at Geneseo, February 20, 1999.
61. Mathematics Colloquium, Utah State University, March 9, 1999.
62. Mathematics Colloquium, Washington University, April 16, 1999.
63. Special Kempner Colloquium, University of Colorado at Boulder, April 28, 1999.
64. Macquarie Mathematics Colloquium, Macquarie University, Sydney, Australia, August 2, 1999.
65. Number Theory Seminar, Macquarie University, Sydney, Australia, August 2, 1999.
66. Special Mathematics Address, Rivier College, October 27, 1999.

67. Keynote Address, 10<sup>th</sup> Annual Sonia Kovalevsky Day, Rivier College, October 28, 1999.
68. Invited Address, MathCounts, United States Coast Guard Academy, February 5, 2000.
69. Mathematics Colloquium, Marist College, February 25, 2000.
70. Invited Address, MathCounts, University of Hartford, March 4, 2000.
71. Special University-wide Presentation, University of Colorado at Boulder, March 21, 2000.
72. Discovery Seminar, University of Texas at Austin, March 30, 2000.
73. Special Science Faculty Presentation, MCLA, April 12, 2000.
74. Public Lecture, Colgate University, September 18, 2000.
75. Mathematics Colloquium, Colgate University, September 19, 2000.
76. Faculty Lectureship, Kenyon College, October 16, 2000.
77. Mathematics Colloquium, Kenyon College, October 17, 2000.
78. University Lecture, Virginia Polytechnic Institute and State University, January 2001.
79. Mathematics Colloquium, Virginia Polytechnic Institute and State University, January 2001.
80. Mathematics Colloquium, Southern Connecticut State University, January 26, 2001.
81. Genevieve W. Gore Distinguished Resident Lecture, Westminster College, March 2001.
82. Special Community Lecture, Westminster College, March 2001.
83. Number Theory Seminar, The University of Texas at Austin, March 29, 2001.
84. Special Mathematics Lecture, Groton School, April 10, 2001.
85. Mathematics Colloquium, Worcester Polytechnic Institute, April 11, 2001.
86. College Lecture, Jefferson Community College, April 18, 2001.
87. George Kitchen Memorial Lectureship, Kalamazoo College, April 26, 2001.
88. The 2001 Kieval Lectures, Southern Oregon University, May 10 & 11, 2001.
89. Mathematics Faculty Workshop, Bentley College, May 21, 2001.
90. College-wide Faculty Workshop, Bentley College, August 24, 2001.
91. The 2001 Cecil and Ida Green Honors Lectures, Texas Christian University, August 27–29, 2001.
92. Distinguished Speakers Series Great Names at Connecticut College Lecture, October 3, 2001.
93. The 2001 Julia Wells Bower Lecture, Connecticut College, October 4, 2001.
94. Invited Address, MathCounts, University of Hartford, February 2, 2002.
95. Library Lecture, Montclair Kimberly Academy, February 7, 2002.

96. Special Mathematics Colloquium, Sacred Heart University, March 13, 2002.
97. University Lecture, Central Michigan University, March 19, 2002.
98. Mathematics Colloquium, Saint Olaf College, March 21, 2002.
99. The 2002 Kievel Lectures, Humboldt State University, March 23–27, 2002.
100. Mathematics Colloquium, Middlebury College, April 9, 2002.
101. Masterclass Lecture, Boston University, April 12, 2002.
102. Fall Undergraduate Lecture Series, Kansas State University, September 30–October 3, 2002.
103. Mathematics Colloquium, Kansas State University, October 1, 2002.
104. Lyman Briggs School Lecture Series, Lyman Briggs School, Michigan State University, November 5, 2002.
105. Mathematics Colloquium, Mesa State College, February 6, 2003.
106. Mathematics Colloquium, University of Illinois, Urbana-Champaign, February 19, 2003.
107. Number Theory Seminar, University of Illinois, Urbana-Champaign, February 20, 2003.
108. Gordon Lectureship Series Lecture, Denison University, February 23, 2003.
109. Athenaeum Lecture, Claremont McKenna College, March 5, 2003.
110. Mathematics Colloquium, Scripts College, March 7, 2003.
111. University Address, California State University, Fresno, March 9, 2003.
112. Hari Shanker Lecture, University of Northern Iowa, April 2, 2003.
113. Math Club Lecture, Northern Illinois University, April 23, 2003.
114. Number Theory Seminar, Northern Illinois University, April 24, 2003.
115. Mathematics Colloquium, Colorado College, April 29, 2003.
116. Awards Dinner Lecture, California State University at Northridge, May 9, 2003.
117. Midshipmen’s Lecture, United States Naval Academy, August 25, 2003.
118. 2003 Sehnert Lectures, Northern Kentucky University, October 13–14, 2003.
119. Moreton Lecture, Millsaps College, January 29, 2004.
120. Honor’s Lectures, University of Tennessee at Martin, March 1–2, 2004.
121. Mathematics Colloquium, Western New England College, March 5, 2004.
122. Mathematics Colloquium, Saint Mary’s College, March 24, 2004.
123. Visiting Scholar Lectures, Columbia Basin College, April 1–2, 2004.
124. Assembly Lecture, Portsmouth Abby School, April 26, 2004.
125. Artist-in-Residence Lectures, The Hayground School, May 17–21, 2004.
126. Summer Mathematics Lecture, Brown University, July 30, 2004.

127. Mathematics Colloquium, Bates College, October 11, 2004.
128. Mathematics Colloquium, Tulane University, January 13, 2005.
129. Invited Address, MathCounts, University of Hartford, February 12, 2005.
130. Undergraduate Colloquium, Brown University, March 16, 2005.
131. Mathematics Colloquium, University of Montana, March 29, 2005.
132. Pi Mu Epsilon Induction Address, College of the Holy Cross, April 13, 2005.
133. Mathematics Colloquium, Lafayette College, April 15, 2005.
134. Special Mathematics Address, Corning Community College, April 20, 2005.
135. Invited Address, MathCounts, United States Coast Guard Academy, February 4, 2006.
136. 175<sup>th</sup> Anniversary Speaker, Emma Willard School, February 9, 2006.
137. Pi Mu Epsilon Induction Address, Fordham University, March 3, 2006.
138. Invited Address, MathCounts, University of Hartford, March 11, 2006.
139. School Address, American Community Schools of Athens, Greece, March 24, 2006.
140. Invited Address, Science Scholars Symposium 2006, St. John Fisher College, March 31, 2006.
141. Sherwood Ebey Mathematics Lecture, The University of the South, April 12, 2006.
142. Mathematics Workshop, Buffalo State College, May 22–24, 2006.
143. Mathematics Colloquium, Carleton College, September 28, 2006.
144. Saturday Morning Mathematics Group, Invited Address, The University of Texas at Austin, December 2, 2006.
145. Mathematics Lecture, Kalamazoo College, March 12, 2007.
146. Front Range Number Theory Seminar, Colorado State University, March 23, 2007.
147. Mathematics Colloquium, Trinity University, March 29, 2007.
148. Pi Mu Epsilon Induction Address, Fairfield University, April 1, 2007.
149. Mathematics Colloquium, Grinnell College, April 4, 2007.
150. Keynote Address, 2<sup>nd</sup> Annual Graduate Student Day, Drexel University, May 17, 2007.
151. Keynote Address, Math Days, Boston University, October 16, 2007.
152. Assembly Lecture, The Millbrook School, Millbrook, NY, February 8, 2008.
153. Assembly Lecture, Portsmouth Abbey School, February 15, 2008.
154. Pi Mu Epsilon Induction Address, Siena College, February 20, 2008.
155. Voices Lecture, Hudson Valley Community College, February 26, 2008.
156. Invited Address, MathCounts, University of Hartford, March 8, 2008.

157. Undergraduate Mathematics Colloquium, Brigham Young University, March 11, 2008.
158. Commencement Address, The American Community School, Athens, Greece, June 23, 2008.
159. Public Address, Berkshire Community College, Pittsfield, MA, September 9, 2008.
160. Faculty Lecture, Massachusetts College of Liberal Arts, October 24, 2008.
161. Teacher Workshop, Mount Greylock High School, January 14, 2009.
162. Special Public Address, The University of Colorado at Boulder, April 1, 2009.
163. Fogelson Symposium, The Trinity School, New York City, April 21, 2009.
164. Inaugural Plenary Address, Pi Mu Epsilon Honor Society Induction Ceremonies, Willamette University, April 23, 2009.
165. Leadership Workshop, Olathe School District Professional Development Day, Olathe, KS, May 29, 2009.
166. Cherry Award Lectures, Baylor University, Oct 26 – 27, 2009.

**Lectures given at Williams College:**

1. Mathematics Colloquium, March 12, 1990.
2. Mathematics Colloquium, September 18, 1991.
3. Mathematics Faculty Seminar, October 18, 1991.
4. Special Parents' Weekend Mathematics Lecture, October 19, 1991.
5. Bronfman Science Lunch Lecture, November 19, 1991.
6. Algebraic Number Theory Seminar (eight lectures), February – April 1992.
7. Williams College Faculty Club Lecture, February 17, 1992.
8. Special Parents' Weekend Mathematics Lecture, April 25, 1992.
9. Mathematics Faculty Seminar, July 22, 1992.
10. Special Parents' Weekend Mathematics Lecture, October 24, 1992.
11. Mathematics Faculty Seminar, December 4, 1992.
12. Mathematics Faculty Seminar, February 25, 1993.
13. Special Parents' Weekend Mathematics Lecture, April 24, 1993.
14. Mathematics Faculty Seminar, September 17, 1993.
15. Special Parents' Weekend Mathematics Lecture, October 23, 1993.
16. Philosophy Club Lecture, March 15, 1994.
17. Special Family Weekend Mathematics Lecture, April 23, 1994.
18. Math Science Event 1994, lecture to elementary school students, May 14, 1994.

19. Mathematics Faculty Seminar, September 22, 1995.
20. Presidential Colloquium, October 21, 1995.
21. Mathematics Colloquium, February 7, 1996.
22. Special Mathematics Concert (with B. Wecht), February 27, 1996.
23. Mathematics Colloquium (with F. Morgan), April 1, 1996.
24. Keynote Speaker, Parents' Fund Dinner, April 20, 1996.
25. Mathematics Faculty Seminar, May 10, 1996.
26. Society of Alumni Featured Faculty Speaker, Reunion Seminar, June 6, 1996.
27. First Year Assembly Speaker to the class of 2000, September 3, 1996.
28. Mathematics Faculty Seminar, October 4, 1996.
29. Invited Address to the Development Steering Committee, January 10, 1997.
30. Garfield Club Lecture, February 13, 1997.
31. Mathematics Faculty Seminar, March 7, 1997.
32. Writing Workshop Colloquium (faculty/student panel), May 1, 1997.
33. Invited Address to the Class of '49 50<sup>th</sup> Reunion Committee, May 2, 1997.
34. Invited Speaker, Summer Open House, August 22, 1997.
35. Mathematics Faculty Seminar, September 19, 1997.
36. Williams College Faculty Club Lecture, September 29, 1997.
37. Mathematics Colloquium, October 1, 1997.
38. Mathematics Colloquium, February 16, 1998.
39. Bronfman Science Lunch Lecture, February 24, 1998.
40. Mathematics Faculty Seminar, April 24, 1998.
41. Williams Writers on Writing Series, April 28, 1998.
42. Keynote Address, Phi Beta Kappa Induction, September 13, 1999.
43. Mathematics Faculty Seminar, September 17, 1999.
44. Keynote Address, Williams Today Program, October 29, 1999.
45. Invited Address, Gaudino Forum, November 30, 1999.
46. Speaker, Faculty Lecture Series, February 3, 2000.
47. Williams College Faculty Club Lecture, March 13, 2000.
48. Special Presentation (with O. Beaver), MathBlast 2000!, April 29, 2000.
49. HMB Premedical Society and Asklepian Aura lunch lecture, May 5, 2000.
50. Oakley Center Lunch Presentation, May 18, 2000.

51. Panel Member, Windows on Williams Program, August 30, 2000.
52. Mathematics Colloquium, September 11, 2000.
53. Mathematics Faculty Seminar, September 29, 2000.
54. Oakley Center Seminar, February 28, 2001.
55. Panel Member, Windows on Williams Program, August 31, 2001.
56. Mathematics Faculty Seminar, September 14, 2001.
57. Invited Address, Class Agents Weekend, September 22, 2001.
58. Mathematics Faculty Seminar, April 5, 2002.
59. Address, Alumni Development Breakfast, Alumni Week, June 7, 2002.
60. Mathematics Faculty Seminar, September 12, 2003.
61. Family Weekend Mathematics Lecture, October 25, 2003.
62. Phi Beta Kappa Address, Graduation Weekend, June 5, 2004.
63. Mathematics Faculty Seminar, November 5, 2004.
64. Mathematics Colloquium, June 29, 2005.
65. Address, Leadership Dinner for the Class of '59, July 21, 2007.
66. PET Lecture, September 4, 2007.
67. Keynote Address, Williams Alumni Teachers Conference, October 5, 2007.
68. "Faculty Spotlight", October 11, 2007.
69. Sigma Xi Lectures, November 1 & 2, 2007.
70. Mathematics Faculty Seminar, February 8, 2008.
71. Presidential Colloquium, Class of 1960's Dinner, Mount Hope Farm, April 24, 2008.
72. Mathematics Colloquium, September 8, 2008.
73. "Gaudino Dialogue" with Fay Vincent '60, September 15, 2008.
74. "Gaudino Dialogue" with Janet Brown '73, October 21, 2008.
75. First-Year Family Weekend Presentation, October 25, 2008.
76. "Gaudino Dialogue" with Herbert Allen '62, November 11, 2008.
77. "Gaudino Dialogue" with Deborah Robinson '78, December 3, 2008.
78. Faculty Research Lunch Talk, December 4, 2008.
79. Lunch Presentation, Gaudino Faculty Forum, February 18, 2009.
80. Invited Talk, Program in Teaching Lunches, February 19, 2009.
81. Invited Address, Mathematics and Art Symposium, WCMA, March 14, 2009.
82. Invited Address, Class of '61 Presidential Colloquium, May 1, 2009.

83. Mathematics Faculty Seminar, May 15, 2009.
84. Williams College Podcast, "Creativity and Learning," June 28, 2009.
85. Special Lecture, Williams Summer Humanities Program, July 14, 2009.
86. Special Lecture, Williams Summer Science Program, July 20, 2009.
87. Invited Lectures, Williams Open House (through the Admissions Office), August 7, 2009.
88. Invited Address, Williams Class of '59 "Passing the Baton" Meeting, October 9, 2009.
89. Invited Address, International Students' Heritage Week, October 19, 2009.
90. Invited Address, First-year Family Weekend, October 24, 2009.
91. Invited Lecture, First-year Leadership Weekend, November 22, 2009.

### **Invited Lectures for the General Public:**

1. Pine Cobble Elementary School, April 29, 1993.
2. Elderhostel course, Williams College, July 19 – 23, 1993.
3. Assembly Lecture, The San Domenico School, March 29, 1995.
4. Williams Alumni Association of Colorado Lecture, Denver, CO, May 25, 1995.
5. Williams Alumni Association of Jacksonville Lecture, Jacksonville, FL, October 15, 1995.
6. Williams Alumni Associations of Fairfield and Westchester Counties Lecture, Stamford, CT, November 4, 1995.
7. Williamstown Elementary School special presentation, January 18, 1996.
8. 1996 Williams in the Northwest Alumni Seminar, Alderbrook, WA, January 20, 1996.
9. Washington Middle School, Seattle, WA, January 23, 1996.
10. Charles Wright Academy, Tacoma, WA, January 24, 1996.
11. Banquet Keynote Speaker, Atlanta Williams Alumni Association, Atlanta, GA, February 15, 1996.
12. Guest Lecturer, The Contemporary Artists Center, North Adams, July 18, 1996.
13. Gallery Show and Gallery Talk, The Contemporary Artists Center, North Adams, MA, August 20, 1997.
14. Berkshire Athenaeum, Pittsfield, MA, October 27, 1997.
15. Williams Alumni Association of Northern California Lecture, Napa Valley, CA, January 31, 1998.
16. Math Assembly Day Lecturer, Hamden Hall Country Day School, Hamden, CT, May 8, 1998.
17. Williams Alumni Association of Chicago Lecture, Chicago, IL, May 21, 1998.



18. Guest Lecturer, The Contemporary Artists Center, North Adams, August 4, 1998.
19. Williams Club of New York City, October 22, 1998.
20. Williams Alumni Association of Naples Lecture, Naples, FL, March 25, 1999.
21. Williams Alumni Association of St. Louis Lecture, St. Louis, MO, April 17, 1999.
22. Williams Alumni Association of Worcester, MA, September 1, 1999.
23. Williams Alumni Association of Cleveland, OH, December 21, 1999.
24. Williams Alumni Association of Toledo, OH, December 22, 1999.
25. Williams Alumni Association of Delaware, Wilmington, DE, May 6, 2000.
26. Special Address, Walt Whitman High School, Bethesda, MD, May 15, 2000.
27. Williams Alumni Association of Washington, DC, May 15, 2000.
28. Williams Alumni Association of Northeastern New York, Albany, NY, June 1, 2000.
29. Guest Lecturer, The Contemporary Artists Center, North Adams, July 26, 2000.
30. Berkshire Institute For Lifetime Learning, Six week course "The Joys of Thinking", September 21 – October 26, 2000.
31. Sweetwood Lecture Series, Sweetwood, Williamstown, MA, October 19, 2000.
32. Pittsfield Elementary School, February 27, 2001.
33. Williams Alumni Association of Burlington, Burlington, VT, May 11, 2002.
34. Address to faculty and parents, The Hayground School, Long Island, NY, May 22, 2002.
35. Williams Alumni Association of Portland, Portland, OR, June 23, 2002.
36. Williams Alumni Association of Seattle, Seattle, WA, June 25, 2002.
37. Invited Address, Kimble Farms, Lenox, MA, March 18, 2004.
38. Sweetwood Lecture Series, Sweetwood, Williamstown, MA, May 6, 2004.
39. Williams Alumni Association of Boston, Boston, MA, June 23, 2004.
40. Williams Alumni Association of Cape Cod, Orleans, MA, June 25, 2004.
41. Public Lecture, Boston Public Library, June 29, 2004.
42. Community Lecture, Acton Parent Involvement Project, Acton, MA, November 10, 2004.
43. Book Reading and Signing, Barnes and Noble Bookstore, Manhattan, NY, September 13, 2005.
44. Book Reading and Signing, Harvard Book Store, Cambridge, MA, September 26, 2005.
45. Public Lecture, The Smithsonian Institute, Washington, DC, October 5, 2005.
46. Book Reading and Signing, New York State Writers Institute, Albany, NY, October 18, 2005.
47. Book Reading and Signing, Powell's Bookstore, Portland, OR, October 14, 2005.
48. Book Reading and Signing, Amherst Books, Amherst, MA, November 9, 2005.

49. Lecture, Authors at the Athenaeum Series, Lenox, MA, November 13, 2005.
50. Williams Alumni Association of Northern California, San Francisco, CA, January 26, 2006.
51. Interview, Berkshire Institute of Lifetime Learning, Lenox, MA, February 6, 2006.
52. Public Lecture, Kalamazoo Public Library, *Reading Together Series*, March 12, 2007.
53. Williams Alumni Association of Vero Beach, Vero Beach FL, January 24, 2008.
54. Williams College's Road's Scholar Program, Boca Raton FL, January 26, 2008.
55. Williams Alumni Association of Columbus, Columbus, OH, April 11, 2008.
56. Williams Alumni Association of Cincinnati, Cincinnati, OH, April 12, 2008.
57. "Mathematics for The Rest of Us," A Smithsonian Associates Day-Long Course, The Smithsonian Institute, Washington, DC, April 26, 2008.
58. The 2009 Pond Lecture, The Williams Alumni Association of Chicago, Chicago, IL, May 19, 2009.
59. Invited Address, Williams Expedition 2009, Williams Alumni Association of DC, Washington, DC, July 29, 2009.
60. Invited Address, Williams Expedition 2009, Williams Alumni Association of Baltimore, Baltimore, MD, July 30, 2009.
61. Invited Address, Williams Expedition 2009, Williams Alumni Association of Philadelphia, Philadelphia, PA, July 31, 2009.

#### **Television and radio appearances:**

1. Guest on the NBC-TV Albany affiliate WNYT-TV: *Live at Noon*, April 27, 1993.
2. Guest on the NBC-TV Albany affiliate WNYT-TV: *Live at Noon*, June 1, 1993.
3. Guest on the NBC-TV Albany affiliate WNYT-TV: *Live at Noon*, July 13, 1993.
4. Guest on WMRA-FM Virginia NPR, October 15, 1993.
5. Guest on WXJM-FM, October 20, 1993.
6. Guest on WAMC-FM Albany NPR, November 21, 1995.
7. Guest on WilliNet Cable TV: *Math Chat*, March 31, 1996 and June 2, 1996.
8. Beloit Public Access TV: *Public Lecture Series*, September 1998.
9. Guest on *Math Medley*, a nationally syndicated radio talk show, January 2, 1999.
10. Guest on WXXI-AM, Rochester NPR: *1370 Connection*, February 18, 1999.
11. Guest on KVCU-AM: *1190 AM News Briefs*, April 24, 1999.
12. Guest Host on *Math Medley*, a nationally syndicated radio talk show, June 24, 2000.

13. Guest Host on *Math Medley*, a nationally syndicated radio talk show, August 26, 2000.
14. Guest on KCPW-FM, Utah NPR: *Public Affairs Hour*, March 15, 2001.
15. Guest on KRCL-FM, Salt Lake City Public Radio, March 20, 2001.
16. Guest on KALL 910 AM, Clearwater Radio, *Weekend Talk*, March 31, 2001.
17. Guest on WKMI-AM, Marci and Company, April 26, 2001.
18. Guest on WMUK-FM, Kalamazoo NPR, April 26, 2001.
19. Guest on KRTU-FM, San Antonio, July 16, 2002.
20. Guest on WABC-TV, New York, NY: *ABC News Now*, September 13, 2005.
21. Guest on WABC-AM, syndicated: *The John Batchelor Show*, September 27, 2005.
22. Guest on KERA-AM, NPR/PRI syndicated: *The Glenn Mitchell Show*, September 29, 2005.
23. Guest on WPFW-FM, Washington, DC: *Metro Watch*, October 6, 2005.
24. Guest on WAMU-FM, Washington, DC, NPR: *The Kojo Nnamdi Show*, October 10, 2005.
25. Guest on WIOJ-AM, Jacksonville, FL, *The Ed Furbee Show*, November 21, 2005.
26. Guest on KXYZ-AM, Houston-Dallas, TX, *The Morning Show*, November 21, 2005.
27. Guest on ABC Radio Network, Nationally Syndicated, *The Jonathan & Mary Show*, November 21, 2005.
28. Guest on KYMO-AM/FM, Harrisburg, IL, *Sporting Magazine*, November 21, 2005.
29. Guest on WLW-AM, Cincinnati, OH, *The Jim Scott Show*, November 21, 2005.
30. Guest on KLPW-AM, St Louis, MO, *The Karen Stratman Show*, November 21, 2005.
31. Guest on WTPL-FM, WNTK-FM, NH-VT-MA, *The Arnie Arnesen Show*, November 21, 2005.
32. Guest on WUFM-FM, Columbus, OH, *The Morning Show*, November 22, 2005.
33. Guest on KCMN-AM, Colorado Springs, CO, *Tron in the Morning*, November 22, 2005.
34. Guest on WBSM-AM, Providence, RI, *The Pete Braley Show*, November 22, 2005.
35. Guest on WHO-AM, Des Moines, IA, *Jan Mickelson Show*, November 22, 2005.
36. Guest on WIOD-AM, Miami, FL, *The Afternoon News Show*, November 22, 2005.
37. Guest on WSYC-FM, Shippensburg, PA, *The Dan Gallagher Show*, November 22, 2005.
38. Guest on WSDE-AM, Albany, NY, *Kathryn Zox Show*, November 22, 2005.
39. Guest on Media Tracks, National Syndicated, *Viewpoints*, November 22, 2005.
40. Guest on WTMD-FM, Baltimore, MD, *Clear Reception*, NPR affiliate, November 22, 2005.
41. Guest on KMTT-FM, Seattle, WA, *The Fisher and West Show*, November 22, 2005.
42. Guest on WSYR-AM, Syracuse, NY, *The George Kilpatrick Show*, November 27, 2005.
43. Guest on KVON-AM, San Francisco, CA, Morning Edition, December 2, 2005.

44. Guest on KBUL-AM, Billings, MT, *News Talk*, December 5, 2005.
45. Guest on WLW-AM, Cincinnati, OH, *The Mike McConnell Show*, December 5, 2005.
46. Guest on KYW-AM, Philadelphia, PA, *Morning Report*, December 7, 2005.
47. Guest on WNBC-TV, New York, NY, *Mathletes* segment with Lester Holt, aired throughout the 2010 Winter Olympics on the NBC television network as well as *The Today Show*.