

# Complete List of Current and Former Members of SUMR, 1989-2013

April 7, 2014

This is a list of all current and former members of the Seminar for Undergraduate Mathematical Research (SUMR) who completed at least two semesters of work in SUMR. It shows the year they graduated from Notre Dame, the graduate schools they went to, the disciplines they studied, the advanced degrees and national awards they received, and the degrees sought (for those who have not yet finished graduate work). In cases where a student declined a more highly ranked program than the one chosen, that declined program is also indicated. An asterisk(\*) denotes two years of membership in SUMR.

In 2006, SUMR was substantially expanded because of an NSF-MCTP grant.

All participants of SUMR who went to graduate school in any of the mathematical sciences were awarded fellowships or assistantships.

1. *David Hurtubise*\*(’90):

*Stanford University*, Ph.D, Mathematics; Winner: Goldwater Scholarship ; Winner: NSF Graduate Fellowship; now Professor of Mathematics at Penn State University (Altoona).

2. *David Schmitz*(’90):

*University of Chicago*, Ph.D., Mathematics; Class Valedictorian; Winner: NSF Graduate Fellowship. Now an Associate Professor at North Central College.

3. *Martin Mohlenkamp*(’91):

*Yale University*, Ph.D., Mathematics; Winner: NSF Graduate Fellowship; Winner: NSF Postdoctoral Fellowship; Winner: NSF Career Grant; Associate Professor, Ohio University.

4. *Reed Solomon*(’91):

*Cornell University*, Ph.D., Mathematics; Winner: NSF Postdoctoral Fellowship; Associate Professor at University of Connecticut.

5. *Tao Chen*(’92):

*Stanford University*, Ph.D., Electrical Engineering.

6. *Margaret Conroy*('92):  
*University of Michigan*, M.S., Mathematics; Winner, Fullbright Scholarship.
7. *David Letscher*('92):  
*University of Michigan*, Ph.D., Mathematics; Honorable Mention, NSF Graduate Fellowship competition; now an Associate Professor at St. Louis University.
8. *Tom Nevins\**('93):  
*University of Chicago*, Ph.D., Mathematics; Winner: NDSEG Graduate Fellowship; Finalist: Rhodes Scholarship competition; Winner: NSF Postdoctoral Fellowship. Now an Associate Professor at University of Illinois, Urbana-Champaign.
9. *Kevin Chouinard*('93):  
*University of Virginia*, Ph.D. Mathematics. Now a Professor of Mathematics at Northern Virginia Community College
10. *Yuhui Ren*('93):  
*University of Illinois*, M.S., Electrical Engineering.
11. *Anthony Vazzana\**('93):  
*University of Michigan*, Ph.D., Mathematics; Winner: Goldwater Scholarship; Professor of Mathematics at Truman State University; 2002 Missouri Professor of the Year.
12. *Timothy Culver*('94):  
*Duke University*; *North Carolina State University* (declined Michigan), Ph.D., Computer Science. Now at Think3 Inc.
13. *Mary Donohue* ('94):  
*Wharton School of Business*, M.B.A.
14. *Kevin Hartshorn\**('94):  
*UC Berkeley*, Ph.D., Mathematics; Winner: NSF Graduate Fellowship; now an Associate Professor at Moravian College.
15. *Dana Powell Rowland* ('96):  
*Stanford University*, Ph.D., Mathematics. Now Associate Professor at Merrimack College.
16. *Christopher Dwyer*('97):  
*University of Chicago* and *University of Wisconsin*, Ph.D., Mathematics. Now a Visiting Assistant Professor, Northwestern University.

17. *Jeffrey Beh*('98):  
*University of Pennsylvania*, Ph.D., Applied Mathematics; Winner, Goldwater Scholarship.
18. *Aaron Couture\**('98):  
*Notre Dame* (declined Yale), Ph.D., Physics; Honorable mention, NSF Graduate Fellowship Competition. Now a Nuclear Physicist, Los Alamos Labs.
19. *Brian Dean\**('99):  
*Johns Hopkins University* (declined Yale). Ph.D, Mathematics. now an Assistant Professor at Salisbury University.
20. *Eric Hatfield*('99):  
*Washington University in St. Louis*, M.D. Medicine.
21. *Amanda Mueller Alvine*('99):  
*Harvard University* (declined Princeton), Ph.D., Mathematics; Winner: NSF Graduate Fellowship; Honorable Mention in Alice Schaefer Scholarship competition.
22. *Helga Schaffrin Huntley\**('99):  
*New York University* Ph.D. Applied Mathematics, Now Research Assistant Professor, University of Delaware Oceanography Institute.
23. *Richard Siefring\**('00):  
*New York University*, Ph.D., Mathematics; Winner: Goldwater Scholarship; Winner: NSF Postdoctoral Fellowship, Szego Postdoc at Stanford U. Now: Visiting Member, Max Planck Institute for Mathematics, Leipzig.
24. *Sami Assaf\**('01):  
*UC Berkeley* , Ph.D., Mathematics; First Runnerup: Alice Schaefer Prize Competition; Williams REU. Winner: NSF Graduate Research Fellowship. Winner, NDSEG Fellowship. Winner: NSF Postdoctoral Fellowship; Moore Postdoc at MIT; Now Assistant Professor at University of Southern California.
25. *Matthew Hedden\**('01):  
*Columbia University* (declined Berkeley and Chicago); Ph.D., Mathematics; Regional Finalist, for Rhodes Scholarship. Winner: NSF Postdoctoral Fellowship; Moore Postdoc at MIT; Assistant Professor at Michigan State University, 2009. Winner: Sloan Fellowship,
26. *Michael Munn*('01):

*SUNY Stony Brook, CUNY Graduate Center*, Ph.D., Mathematics; Now Assistant Professor at University of Missouri.

27. *David Swinarski*\*('01):

*Oxford and Columbia University*; Ph.D., Mathematics; Winner: Goldwater Scholarship; Winner: George C. Marshall Scholarship; National Finalist: Rhodes Scholarship competition; Now Assistant Professor at Fordham University.

28. *Sonja Mapes*\*('02):

*Columbia University*. Ph.D. Mathematics. Williams REU. Honorable Mention: Alice Schaefer Prize; Now, Postdoc at University of Notre Dame.

29. *CariAnne McCullough*('02):

She decided to teach Mathematics at Culver Academy. Current address unknown.

30. *Andrew Nerlinger*('02)

*Yale University* M.D. 2006, Medicine. (declined Duke).

31. *Kathleen Ponto*('02):

*University of Chicago*, Ph.D. Mathematics; Winner: Goldwater Scholarship. Duluth REU. Winner: Lucent Technology Fellowship. Honorable Mention: Alice Schaefer National Scholarship Competition; Winner: NSF Postdoctoral Fellowship. Now Assistant Professor at University of Kentucky.

32. *Donovan McFeron*\*('03):

*Columbia University*. Ph.D., Mathematics. Honorable Mention, NSF Graduate Fellowship Competition. Now: Assistant Professor, Ramapo College of New Jersey

33. *Kevin Thomas*('03):

*Loyola University of Chicago*. Medicine. M.D.

34. *Nicholas Mastronardi*\*('03):

*University of Texas, Austin*. Ph.D., Economics. Now: Asst. Professor, Air Force Academy.

35. *Paul Gibson*('04):

*Northwestern University*. M.S. Mathematics.

36. *Christopher Jankowski*\*('04):

*University of Pennsylvania*. Ph.D. Mathematics, Now: Assistant Professor, NYU

37. *Christina Maher*\*(’04):  
*U. of Notre Dame*. Ph.D., Mathematics. Now Assistant Professor, St.Vincent College.
38. *Desmond Cummins*(’04):  
*University of Illinois, Urbana*. Ph.D.,Mathematics.
39. *Matthew Mauntel*\*(’04):  
*Indiana University*. M.S. Mathematics.
40. *Andrew Rupinski*\*(’05):  
*University of Pennsylvania*. (declined Berkeley) Ph.D. , Mathematics. Honorable Mention: NSF Graduate Fellowship Competition. Now with NSA.
41. *Michael Jenista*(’05):  
*Duke University*. Mathematics. Ph.D. Now working with SAS.
42. *Melinda Moran*(’05):  
*University of Wisconsin*, M.S. ; Applied Mathematics. Honorable Mention: NSF Graduate Fellowship Competition.
43. *Margaret Doig*\*(’05):  
*Princeton University*, Ph.D.,Mathematics. Duluth REU. Winner: Goldwater Scholarship. Winner: NDSEG Fellowship. Winner: NSF Graduate Fellowship. Runnerup: Alice Schaefer National Scholarship Competition. Now Zorn Assistant Professor, Indiana University
44. *Geoffrey Johnston* (’05):  
*Columbia University*, Ph.D., in Ecology and Sustainable Development. Teach for America Volunteer. Winner: NSF Graduate Research Fellowship. Postdoctoral Fellow, Malaria Research Institute, Johns Hopkins, Bloomberg School of Public Health.
45. *Eric Staron*\*(’06):  
*U. Texas, Austin*, Ph.D., Mathematics. Now Assistant Professor, Concordia University
46. *Andrew Craker*\*(’06):  
current whereabouts unknown.
47. *Nick Radcliffe*(’06):  
*Carnegie Mellon*, M.S. Mathematics.
48. *Vince Lyzinski*(’06):  
*Johns Hopkins* Ph.D., Applied Mathematics. Budapest Semester in Mathematics

49. *Zach Madden*\*('07):  
*University of Chicago*, M.S. Mathematics. Honorable Mention: NSF Graduate Fellowship Competition.

50. *James Talamo*('07):  
*Ohio State University*, Mathematics. Degree Sought: Ph.D.

51. *Zach Lamberty*('08):  
*Cornell University*, Physics. Winner: NSF Graduate Research Fellowship. Degree Sought: Ph.D.

52. *Adam Boocher*\*('08):  
*UC Berkeley*, Mathematics. Ph.D., Mathematics; Williams REU. Winner: Goldwater Scholarship; NSF Graduate Research Fellowship.

53. *Jacob Hughes*('08):  
*U. of California at San Diego*. Mathematics. Ph.D.2013; Oxford Program. Honorable Mention, NSF Graduate Fellowship Competition.

54. *Matt Gunden* \*('08):  
*Northwestern University*. Economics. Degree Sought: Ph.D. Honorable Mention, NSF Graduate Fellowship Competition.

55. *Phil Hudelson*('08):  
*Penn State University* (declined Maryland), Ph.D. Mathematics. Now an Associate at McKinsey and Company.

56. *Andrew Fano*\*('08):  
*Columbia University*, Ph.D. Mathematics. Now at Morehouse College

57. *Ben Fehrman*\*('08):  
*University of Chicago*, Mathematics. Degree Sought: Ph.D.; Winner Goldwater Scholarship. Honorable Mention, NSF Graduate Fellowship Competition. Williams REU.

58. *Andrew Karl* ('08):  
*Arizona State University*(declined Arizona). Ph.D., Statistics. Now at Adsurgo.

59. *Bryan Ahern*('08):  
Now at Acenture (Chicago); Systems Integration Analyst.

60. *Cody Mack* ('09):  
*Rutgers University*, M.S. Mathematics.
61. *Andrew Manion\** ('09):  
*Princeton University* Mathematics. Degree Sought: Ph.D. Winner: Goldwater Scholarship. Winner: Churchill Scholarship to Cambridge U., 2009. Winner: NSF Graduate Research Fellowship. Winner: NDSEG Fellowship.
62. *Kaitlyn Moran\** ('09):  
*Boston College* (declined *University of Michigan*), M.S. Higher Education Administration. Director of Programming, *College of William and Mary*.
63. *Jonathan Poelhuis\** ('09):  
*Indiana University* (declined *Purdue*), Ph.D. Applied Mathematics.
64. *Eric Riedl\** ('10):  
*Harvard University*. Mathematics. Degree Sought: Ph.D. Winner: Goldwater Scholarship; Duluth REU; Winner: NSF Graduate Research Fellowship.
65. *Josh Mollner\** ('10):  
*Stanford University* Degree Sought: Ph.D. Economics. Winner: Goldwater Scholarship.
66. *Vivian Healey* ('10):  
*Brown University*, Mathematics. Degree Sought: Ph.D. Winner: NSF Graduate Research Fellowship.
67. *Joey Schmitt\** ('10):  
*Duke University*, Mathematics. Degree Sought: Ph.D., Directors Summer Program (NSA), 2008.
68. *Dan Moeller\** ('10):  
*U. of California at San Diego*. Degree Sought: Ph.D. Computer Science
69. *Beth Herwaldt* ('10):  
*University of Washington* Degree Sought: Ph.D. Applied Mathematics. Directors Summer Program (NSA). Winner, National Phys. Sci. Consortium Fellowship
70. *Andrew McConvey* ('10):  
*University of Waterloo and UIUC*, Degree Sought: Ph.D. Mathematics.

71. *John Pardo*('11):  
*Penn State University*. Degree Sought: Ph.D.Mathematics.
72. *Brooks Smith*('11):  
*UCLA* Degree Sought: Ph.D.Mathematics.
73. *Christine Jamroz\**('11):  
*Purdue University* Degree Sought: Ph.D.Mathematics.
74. *Andrew Taylor*('11):  
*University of Virginia* Degree Sought: Ph.D.Mathematics.
75. *Mark Cerenzia\**('11):  
*Cornell University, Princeton University* Degree Sought: Ph.D.Operations Research.
76. *Dan Corey\**('12):  
*Yale University* Degree Sought: Ph.D.Mathematics. Honorable Mention: NSF Graduate Research Fellowship.
77. *Chris Bell\**('12):
78. *Dondi Ellis\**('12):  
*University of Michigan* Degree Sought: Ph.D.Mathematics.
79. *Vikram Saraph\**('13):  
*Brown University* Degree Sought: Ph.D.Theoretical Computer Science
80. *Murphy Kate Montee\**('13):  
*University of Cambridge and University of Chicago* Degree Sought: Ph.D.Mathematics;  
Winner, 2013 Alice Schafer Prize. Winner: Churchill Scholarship to Cambridge University.  
Winner: NSF Graduate Research Fellowship
81. *Sean Meehan\**('13):  
*Ohio State University* Degree Sought: Ph.D.Mathematics.
82. *Kathy Richey\**('13):  
*Ohio State University* Degree Sought: Ph.D.Mathematics.
83. *Ed Sanchez\**('13):  
*UIUC* Degree Sought: Ph.D.Mathematics.



84. *Marshall Wang\**('13):  
North Carolina State U. Degree Sought: Ph.D.Statistics.
85. *James Schmidt*('14):  
UIUC Degree Sought: Ph.D.Computer Sciences
86. *Jonathan Sheperd\**('14):  
U. of Chicago Degree Sought: Ph.D.Mathematics.; Duluth REU 2012; Cambridge Program  
Honorable Mention, NSFGRFP
87. *Mitchell Faulk\** ('14):  
Columbia University Degree Sought: Ph.D. Mathematics.
88. *Michael MacGillivray\**('14):  
Harvard-MIT Medical Research M.D. program
89. *Matthew Cole\**('14):  
Brown U. Degree Sought: Ph.D. Mathematics
90. *Do Thanh\**('14):
91. *Dan Irvine\**('14):  
U. of Michigan Degree Sought: Ph.D. Mathematics; Cambridge Program.; Berkeley REU;  
Winner: Goldwater Scholarship; Honorable Mention, NSFGRFP.
92. *Vijay Higgins* ('15):  
Current Junior
93. *Jacob Haley* ('15):  
Current Junior; Winner:Goldwater Scholarship
94. *David Lenz* ('15):  
Current Junior
95. *Jack Burkart* ('15):  
Current Junior
96. *Mike Marshall* ('15):  
Current Junior

97. *Caroline Jansen* ('15):  
Current Junior

98. *Lucienne Xiao* ('15):  
Current Junior

#### SOME USEFUL STATISTICS SHOWING THE GROWTH OF SUMR

Number of SUMR graduates in the 9 classes of 1990-1998 : 18.

Number of SUMR graduates in the 9 classes of 1999-2007 : 32.

Number of SUMR graduates in the 8 classes of 2008-2015 : 48.

Number of SUMR grads ('90-'14) who pursued a graduate degree: 86 (out of 91).

Number of SUMR grads ('90-'09) who have obtained a graduate degree: 60 (out of 63).

Number of SUMR grads ('90-'09) awarded a Ph.D in the Mathematical sciences: 42

Number of SUMR grads ('07-'14)now pursuing a Ph.D in the Mathematical sciences:  
29

Number of SUMR grads ('90-13) admitted to a Top-Twenty-Five Graduate Program  
in the Mathematical Sciences: 67

(For the purposes of this report, the *Mathematical Sciences* are defined as: Applied Mathematics, Computer Science, Economics, Engineering, Physics, Pure Mathematics and Statistics. The *top twenty-five programs* are defined as those listed in the top twenty-five in either the NRC rankings at the time or the US News and World Report Rankings)