CURRICULUM VITA

James A. Sellers, Ph.D.
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EDUCATION

Bachelor of Science — Mathematics, University of Texas at San Antonio, San Antonio, TX, May 1987

Doctor of Philosophy — Mathematics, The Pennsylvania State University, University Park, PA, August 1992
Thesis: A Generalization of the Partition Function
Research Advisor: Dr. David M. Bressoud

PROFESSIONAL EXPERIENCE

2021–present — Professor, Department of Mathematics and Statistics, University of Minnesota Duluth, Duluth, MN

2019–2021 — Professor and Head, Department of Mathematics and Statistics, University of Minnesota Duluth, Duluth, MN

2009–2019 — Professor and Director, Undergraduate Mathematics, The Pennsylvania State University, University Park, PA

2004–2009 — Associate Professor and Director, Undergraduate Mathematics, The Pennsylvania State University, University Park, PA

2001–2004 — Assistant Professor and Director, Undergraduate Mathematics, The Pennsylvania State University, University Park, PA

1998–2001 — Associate Professor, Mathematics, Science and Mathematics Department, Cedarville University, Cedarville, OH

1992–1998 — Assistant Professor, Mathematics, Science and Mathematics Department, Cedarville University, Cedarville, OH

1999 (Summer) — Editor/Writer, Saxon Publishers, Norman, OK

1997 (Summer)	Researcher, Institute for Defense Analysis, La Jolla, CA
1994, 1995, 2001	Mathematics Instructor, San Antonio Prefreshman Engineering Program (PREP), The University of Texas at San Antonio, San Antonio, TX
1987–1992	Graduate Student and Teaching Assistant, The Pennsylvania State University, University Park, PA
1987	Actuary (Automobile), United Services Automobile Association (USAA), San Antonio, TX

PROFESSIONAL SOCIETIES–MEMBERSHIPS

American Mathematical Society
Mathematical Association of America

NOTABLE EVENTS (AWARDS, ETC.)

- Tenured at Cedarville University, 1998
- Cedarville Faculty Scholar of the Year Award, April 1999
- Mary Lister McCammon Award for Distinguished Undergraduate Teaching from the Penn State Department of Mathematics, February 2005
- MAA Allegheny Mountain Section Award for Distinguished Teaching, April 2006
- Began Penn State's Center for Undergraduate Research in Mathematics (CURM), 2007
- Teresa Cohen Mathematics Service Award from the Penn State Department of Mathematics, April 2007
- Visiting Fellow at the Isaac Newton Institute's Combinatorics and Statistical Mechanics Workshops, January – June, 2008
- Elected Governor of the MAA Allegheny Mountain Section, 2008 (term served 2008–2011)
- MAA Allegheny Mountain Section Mentoring Award, April 2009
- Donald C. Rung Distinguished Undergraduate Teaching Award from the Penn State Department of Mathematics, April 2011
- Member, College Board Advanced Placement Calculus Development Committee, 2011–2018 (served as committee Co-Chair 2016–2018)
- Fulbright Scholar (teaching and research), Johannes Kepler University, Linz, Austria and Research Institute for Symbolic Computation (RISC), Hagenberg, Austria, Summer Semester 2012
- MAA Allegheny Mountain Section Service Award, April 2013
- Elected Chair of the MAA Allegheny Mountain Section, 2014 (serve as Chair-Elect for the term 2014–2015 followed by term as Chair for 2015–2017)
- Co-PI, NSF Robert Noyce Teacher Scholarship Program, DUE Award #1557326, $1.1 million (2016–2019)

- Secretary of the MAA (serve as Secretary-Elect in 2017 followed by term as Secretary for 2018–2022)
- MathPath Instructor, Mount Holyoke College, Summer 2017
- Schreyer Honors College Excellence in Teaching Award, Penn State University, October 2017
- Tenured (upon arrival) at University of Minnesota Duluth, 2019
- AP Daily Faculty Lecturer (Unit 10: Finding EXACT Values of Infinite Series), February 2021
- George Pólya Award, Mathematical Association of America, August 2024
- Fulbright Scholar (research), Budapest Semesters in Mathematics and Rényi Institute, Budapest, Hungary, Spring 2025

UNIVERSITY TEACHING ACTIVITIES

THE PENNSYLVANIA STATE UNIVERSITY (1987–1992)

MATH 017	Finite Mathematics
MATH 035	General View of Mathematics
MATH 110	Techniques of Calculus I
MATH 140	Calculus with Analytic Geometry I
MATH 140A	Calculus, Analytic Geometry, Algebra, and Trigonometry
MATH 141	Calculus with Analytic Geometry II
MATH 200	Number Systems
MATH 220	Matrices

CEDARVILLE UNIVERSITY (1992–2001)

GMTH 180	Introduction to Mathematics
GMTH 185	Precalculus
HON 312	A Philosophical View of Mathematics
MATH 281	Analytic Geometry and Calculus I
MATH 282	Analytic Geometry and Calculus II
MATH 283	Analytic Geometry and Calculus III
MATH 303	Logic and Methods of Proof
MATH 355	Discrete Mathematics: Graph Theory
MATH 356	Discrete Mathematics: Combinatorics
MATH 360	Number Theory
MATH 387	Differential Equations
MATH 394	Linear Algebra
MATH 480	Special Topics–Theory of Prime Numbers

THE PENNSYLVANIA STATE UNIVERSITY (2001–2019)

MATH 035	General View of Mathematics
MATH 036	Insights into Mathematics
MATH 110	Techniques of Calculus I (informally called Business Calculus)
MATH 140	Calculus with Analytic Geometry I
MATH 141H	Honors Calculus with Analytic Geometry II
MATH 220	Matrices

MATH 220H	Honors Matrices
MATH 310	Elementary Combinatorics
MATH 311W	Concepts of Discrete Mathematics
MATH 465	Number Theory I
MATH 470	Algebra for Teachers
PSU 016	First Year Seminar–Mathematics

UNIVERSITY OF MINNESOTA DULUTH (2019–PRESENT)

MATH 1296	Calculus I
MATH 1297	Calculus II
MATH 3355	Discrete Mathematics
MATH 5366	Enumerative Combinatorics
MATH 8980	Graduate Seminar

JOURNAL ARTICLES

(Student co-authors highlighted in ***bold italic*** font)

1. Sellers, J. A., Congruences Involving Generalized Frobenius Partitions, International Journal of Mathematics and Mathematical Sciences, **16**, no. 2 (1993), 413–415

2. Sellers, J. A., Congruences Involving F–Partition Functions, International Journal of Mathematics and Mathematical Sciences, **17**, no. 1 (1994), 187–188

3. Sellers, J. A., New Congruences for Generalized Frobenius Partitions with 2 or 3 Colors, Discrete Mathematics, **131** (1994), 367–374

4. Hirschhorn, M. D. and Sellers, J. A., Two Congruences Involving 4–cores, Electronic Journal of Combinatorics, **3**, no. 2 (1996), Article R10

5. Sellers, J. A., Recurrences For 2–Colored and 3–Colored F–Partitions, Discrete Mathematics, **156** (1996), 303–310

6. Hirschhorn, M. D. and Sellers, J. A., Some Amazing Facts About 4–cores, Journal of Number Theory, **60**, no. 1 (1996), 51–69

7. Hirschhorn, M. D. and Sellers, J. A., On Representations of a Number As A Sum of Three Triangles, Acta Arithmetica, **77** (1996), 289–301

8. Sellers, J. A., Generating Interest in Generating Functions, PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies), **VII**, no. 2 (1997), 175–182

9. Sellers, J. A., On Infinitely Many Odd Nonunitary Abundant Numbers, Mathematics and Computer Education, **31**, no. 3 (1997), 241–243

10. Hirschhorn, M. D. and Sellers, J. A., On Representations of a Number as a Sum of Three Squares, Discrete Mathematics, **199** (1999), 85–101

11. Kolitsch, L. W. and Sellers, J. A., Elementary Proofs of Infinitely Many Congruences for 8–Cores, Ramanujan Journal, **3**, no. 2 (1999), 221–226

12. Braithwaite, E. and Sellers, J. A., Geometric Right Triangles, Mathematics and Computer Education, **33**, no. 2 (1999), 154–160

13. Hirschhorn, M. D. and Sellers, J. A., Some Parity Results for 16–Cores, Ramanujan Journal, **3**, no. 3 (1999), 281–296

14. ***Dolph, L.***, ***Reynolds, A.*** and Sellers, J. A., Congruences for Restricted *m*–ary Partition Functions, Discrete Mathematics, **219**, no. 1–3 (2000), 265–269

15. Frey, D. and Sellers, J. A., Jacobsthal Numbers and Parity of Alternating Sign Matrices, Journal of Integer Sequences, **3**, no. 2 (2000), Article 00.2.3

16. Hirschhorn, M. D. and Sellers, J. A., Some Relations for Partitions into Four Squares, in the Proceedings of the International Workshop on Special Functions, Asymptotics, Harmonic Analysis, and Mathematical Physics, City University of Hong Kong, June 21–25, 1999, published November 2000 by World Scientific, 118–124

17. Rødseth, Ø. and Sellers, J. A., On *m*–ary Partition Function Congruences: A Fresh Look at a Past Problem, Journal of Number Theory, **87**, no. 2 (2001), 270–281

18. Frey, D. and Sellers, J. A., Generalizing Bailey's Generalization of the Catalan Numbers, Fibonacci Quarterly, **39**, no. 2 (May 2001), 142–148

19. Frey, D. and Sellers, J. A, On Powers of 2 Dividing the Values of Certain Plane Partition Functions, Journal of Integer Sequences, **4**, no. 1 (2001), Article 01.1.8

20. Eichhorn, D. and Sellers, J. A., Computational Proofs of Congruences for 2–Colored Frobenius Partitions, International Journal of Mathematics and Mathematical Sciences, **29**, no. 6 (2002), 333–340

21. Rødseth, Ø. and Sellers, J. A., Binary Partitions Revisited, Journal of Combinatorial Theory, Series A, **98** (2002), 33–45

22. Sellers, J. A., Domino Tilings and Products of Fibonacci and Pell Numbers, Journal of Integer Sequences, **5**, no. 1 (2002), Article 02.1.2

23. Sellers, J. A., Beyond Mere Convergence, PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies), **XII**, no. 2 (2002), 157–164

24. Sellers, J. A. and Williams, H. C., On the Infinitude of Composite NSW Numbers, Fibonacci Quarterly, **40**, no. 3 (2002), 253–254

25. ***Frank, D.***, Savage, C. D. and Sellers, J. A., On the Number of Graphical Forest Partitions, Ars Combinatoria, **65** (2002), 33–37

26. Sellers, J. A., Extending a Recent Result of Santos on Partitions into Odd Parts, INTEGERS, **3** (2003), Article A4

27. Sellers, J. A., Parity Results for *p*–Regular Partitions with Distinct Parts, Ars Combinatoria, **69** (2003), 143–146

28. Benjamin, A., ***Neer, J.***, Otero, D. and Sellers, J. A., A Probabilistic View of Certain Weighted Fibonacci Sums, Fibonacci Quarterly, **41**, no. 4 (2003), 360–364

29. Frey, D. and Sellers, J. A., Prime Power Divisors of the Number of n x n Alternating Sign Matrices, Ars Combinatoria, **71** (2004), 139–147

30. Sellers, J. A., Infinitely Many Composite NSW Numbers: An Inductive Proof, Missouri Journal of Mathematical Sciences, **16**, no. 1 (2004), 4 pages

31. ***Courtright, K. M.*** and Sellers, J. A., Arithmetic Properties for Hyper *m*–ary Partitions, INTEGERS, **4** (2004), Article A6

32. Sellers, J. A., Partitions Excluding Specific Polygonal Numbers as Parts, Journal of Integer Sequences, **7**, no. 2 (2004), Article 04.2.4

33. Sellers, J. A., Sills, D. V., and Mullen, G. L., Bijections and Congruences for Generalizations of Partition Identities of Euler and Guy, Electronic Journal of Combinatorics, **11**, no. 1 (2004), Article R43

34. Hirschhorn, M. D. and Sellers, J. A., A Different View of *m*–ary Partitions, Australasian Journal of Combinatorics, **30** (2004), 193–196

35. Hirschhorn, M. D. and Sellers, J. A., Partitions into Three Triangular Numbers, Australasian Journal of Combinatorics, **30** (2004), 307–318

36. Hirschhorn, M. D. and Sellers, J. A., On a Problem of Lehmer on Partitions into Squares, Ramanujan Journal, **8**, no. 3 (2004), 279–288

37. Rødseth, Ø., Sellers, J. A., and ***Courtright, K. M.***, Arithmetic Properties of Non-Squashing Partitions into Distinct Parts, Annals of Combinatorics, **8**, no. 3 (2004), 347–353

38. Sloane, N. J. A. and Sellers, J. A., On Non–Squashing Partitions, Discrete Mathematics, **294** (2005), 259–274

39. Hirschhorn, M. D. and Sellers, J. A., Arithmetic Relations for Overpartitions, Journal of Combinatorial Mathematics and Combinatorial Computing (JCMCC), **53** (2005), 65–73

40. Hirschhorn, M. D. and Sellers, J. A., Further Results for Partitions into Four Squares of Equal Parity, Ars Combinatoria, **76** (2005), 33–45

41. Rødseth, Ø. and Sellers, J. A., On *m*–ary Overpartitions, Annals of Combinatorics, **9** (2005), 345–353

42. Hirschhorn, M. D. and Sellers, J. A., An Infinite Family of Overpartition Congruences Modulo 12, INTEGERS, **5** (2005), Article A20

43. Cooper, S., Hirschhorn, M. D., and Sellers, J. A., Partitions into Four Squares, Proceedings of the Jangjeon Mathematical Society, **8** (2005), no. 1, 73–94

44. Rødseth, Ø. and Sellers, J. A., On a Restricted *m*-Non-Squashing Partition Function, Journal of Integer Sequences, **8**, no. 5 (2005), Article 05.5.4

45. Frey, D. and Sellers, J. A., Arithmetic Properties for a Certain Family of Knot Diagrams, Ars Combinatoria, **77** (2005), 65–73

46. Rødseth, Ø. and Sellers, J. A., Improving Calculations of the Number of Distinct Alignments of Two Strings, Journal of Quantitative Linguistics, **13**, no. 1 (2006), 45–55

47. Rødseth, Ø. and Sellers, J. A., Partitions with Parts in a Finite Set, International Journal of Number Theory, **2**, no. 3 (2006), 455–468

48. Hirschhorn, M. D. and Sellers, J. A., Arithmetic Properties of Overpartitions into Odd Parts, Annals of Combinatorics **10**, no. 3 (2006), 353–367

49. Andrews, G. E. and Sellers, J. A., On Sloane's Generalization of Non-Squashing Stacks of Boxes, Discrete Mathematics **307**, no. 9–10 (2007), 1185–1190

50. Hirschhorn, M. D. and Sellers, J. A., On Recent Congruence Results of Andrews and Paule for Broken *k*-Diamonds, Bulletin of the Australian Mathematical Society **75** (2007), 121–126

51. Sellers, J. A., Observations on the Parity of the Total Number of Parts in Odd-Part Partitions, INTEGERS **7** (2007), Article A35

52. Hopkins, B. and Sellers, J. A., Exact Enumeration of Garden of Eden Partitions, INTEGERS **7,** no. 2 (2007), Article A19

53. Benjamin, A. T., Quinn, J. J., Sellers, J. A., and Shattuck, M. A., Paint it Black – A Combinatorial Yawp, Mathematics Magazine **81**, no. 1 (2008), 45–50

54. Downey, L., Ong, B. W., and Sellers, J. A., Beyond the Basel Problem: Sums of Reciprocals of Figurate Numbers, College Mathematics Journal **39**, no. 5 (2008), 390–394

55. Benjamin, A. T., ***Plott, S.***, and Sellers, J. A., Tiling Proofs of Recent Sum Identities Involving Pell Numbers, Annals of Combinatorics **12** (2008), 271–278

56. Hirschhorn, M. D. and Sellers, J. A., Enumerating Unigraphical Partitions, Journal of Integer Sequences **11**, no. 4 (2008), Article 08.4.6

57. Little, D. P. and Sellers, J. A., New Proofs of Identities of Lebesgue and Göllnitz via Tilings, Journal of Combinatorial Theory, Series A **116** (2009), 223–231

58. Sellers, J. A., A Different Look at Albrecht and White's Path Counting in Grids, Australian Mathematical Society Gazette **36**, no. 1 (2009), 47–49

59. Rødseth, Ø., Sellers, J. A., and Tverberg, H., Enumeration of the Degree Sequences of Non-Separable Graphs and Connected Graphs, European Journal of Combinatorics **30** (2009), 1301–1317

60. ***Keister, D.***, Sellers, J. A., and ***Vary, R.***, Some Arithmetic Properties of Overpartition k-tuples, INTEGERS **9** (2009), Article A17

61. Hirschhorn, M. D. and Sellers, J. A., Elementary Proofs of Various Facts about 3–cores, Bulletin of the Australian Mathematical Society **79** (2009), 507–512

62. Rødseth, Ø. and Sellers, J. A., Congruences Modulo High Powers of 2 for Sloane's Box Stacking Function, Australasian Journal of Combinatorics **44** (2009), 255–263

63. Hirschhorn, M. D., Rødseth, Ø., and Sellers, J. A., Infinite Families of Divisibility Properties Modulo 4 for Non-Squashing Partitions into Distinct Parts, INTEGERS **9** (2009), Article A33

64. Hou, X., Mullen, G. L., Sellers, J. A., and Yucas, J. L., Reversed Dickson Polynomials Over Finite Fields, Finite Fields and Their Applications **15**, no. 6 (2009), 748–773

65. Hirschhorn, M. D. and Sellers, J. A., Elementary Proofs of Parity Results for 5–Regular Partitions, Bulletin of the Australian Mathematical Society **81**, no. 1 (2010), 58–63

66. Little, D. P. and Sellers, J. A., A Tiling Approach to Eight Identities of Rogers, European Journal of Combinatorics **31** (2010), 694–709

67. Hirschhorn, M. D. and Sellers, J. A., Arithmetic Properties of Partitions with Odd Parts Distinct, Ramanujan Journal **22**, no. 3 (2010), 273–284

68. Andrews, G. E., Hirschhorn, M. D., and Sellers, J. A., Arithmetic Properties of Partitions with Even Parts Distinct, Ramanujan Journal **23** (2010), 169–181

69. Radu, S. and Sellers, J. A., Parity Results for Broken *k*-Diamond Partitions and *(2k+1)*-Cores, Acta Arithmetica **146** (2011), 43–52

70. Briggs, K. S., Little, D. P., and Sellers, J. A., Combinatorial Proofs of Various *q*-Pell Identities via Tilings, Annals of Combinatorics **14**, no. 4 (2011), 407–418

71. Radu, S. and Sellers, J. A., Congruence Properties Modulo 5 and 7 for the *pod* Function, International Journal of Number Theory **7**, no. 8 (2011), 2249–2259

72. Fu, S. and Sellers, J. A., Enumeration Results for Line-Hamiltonian Degree Sequences for Multigraphs, INTEGERS **12** (2012), Article A24

73. Olsson, J. B. and Sellers, J. A., Combinatorial Remarks on a "Remarkable Identity", Mathematics Magazine **85**, no. 4 (2012), 283–288

74. Marques, D., Sellers, J. A., and Trojovsky, P., On Divisibility Properties of Certain Fibonomial Coefficients by a Prime *p*, Fibonacci Quarterly **51**, no. 1 (2013), 78–83

75. Hou, X., Lecuona, A. G., Mullen, G. L., and Sellers, J. A., On the Dimension of the Space of Magic Squares Over a Field, Linear Algebra and its Applications **438**, no. 8 (2013), 3463–3475

76. Radu, S. and Sellers, J. A., Congruences Modulo Squares of Primes for Fu's *k* Dots Bracelet Partitions, International Journal of Number Theory **9**, no. 4 (2013), 939–943

77. Radu, S. and Sellers, J. A., Infinitely Many Congruences for Broken 2-Diamond Partitions Modulo 3, Journal of Combinatorics and Number Theory **4**, no. 3 (2013), 195–200

78. Radu, S. and Sellers, J. A., An Extensive Analysis of the Parity of Broken 3-Diamond Partitions, Journal of Number Theory **133**, no. 11 (2013), 3703–3716

79. Bessenrodt, C., Olsson, J. B., and Sellers, J. A., Unique Path Partitions: Characterization and Congruences, Annals of Combinatorics **17** (2013), 591–602

80. Sellers, J. A., An Unexpected Congruence Modulo 5 for 4-Colored Generalized Frobenius Partitions, Journal of Indian Mathematical Society, Special Volume to Commemorate the 125th Birth Anniversary of Srinivasa Ramanujan (2013), 97–103

81. Garvan, F. G. and Sellers, J. A., Congruences for Generalized Frobenius Partitions with an Arbitrarily Large Number of Colors, INTEGERS **14** (2014), Article A7

82. Kursungoz, K. and Sellers, J. A., Variations on a Result of Bressoud, Annals of Combinatorics **18**, no. 1 (2014), 117–126

83. Hirschhorn, M. D. and Sellers, J. A., Arithmetic Properties of 1-shell Totally Symmetric Plane Partitions, Bulletin of the Australian Mathematical Society **89** (2014), 473–478

84. Fu, S. and Sellers, J. A., Bijective Proofs of Partition Identities of MacMahon, Andrews, and Subbarao, Electronic Journal of Combinatorics **21**, no. 2 (2014), Article P2.41

85. Sellers, J. A., Elementary Proofs of Congruences for the Cubic and Overcubic Partition Functions, Australasian Journal of Combinatorics **60**, no. 2 (2014), 191–197

86. Hirschhorn, M. D. and Sellers, J. A., A Congruence Modulo 3 for Partitions into Distinct Non–Multiples of Four, Journal of Integer Sequences **17** (2014), Article 14.9.6

87. Munagi, A. O. and Sellers, J. A., Refining Overlined Parts in Overpartitions via Residue Class: Bijections, Generating Functions, and Congruences, Utilitas Mathematica **95** (2014), 33–49

88. ***Lan, B.*** and Sellers, J. A., Properties of a Restricted Binary Partition Function a la Andrews and Lewis, INTEGERS **15** (2015), Article A23

89. Helou, C. and Sellers, J. A., Evaluation of a Family of Binomial Determinants, Electronic Journal of Linear Algebra **30** (2015), 312–321

90. Chen, S.–C., Hirschhorn, M. D., and Sellers, J. A., Arithmetic Properties of Andrews' Singular Overpartitions, International Journal of Number Theory **11**, no. 5 (2015), 1463–1476

91. Munagi, A. O. and Sellers, J. A., Some Inplace Identities for Integer Compositions, Quaestiones Mathematicae **38**, no. 4 (2015), 535–540

92. Andrews, G. E., Fraenkel, A. S., and Sellers, J. A., Characterizing the Number of *m*–ary Partitions Modulo *m*, American Mathematical Monthly **122**, no. 9 (2015), 880–885

93. Andrews, G. E., Fraenkel, A. S., and Sellers, J. A., *m*–ary Partitions With No Gaps: A Characterization Modulo *m*, Discrete Mathematics **339**, no. 1 (2016), 283–287

94. Andrews, G. E. and Sellers, J. A., Congruences for the Fishburn Numbers, Journal of Number Theory **161** (2016), 298–310

95. Nath, R. and Sellers, J. A., A Combinatorial Proof of the Relationship Between Maximal *(2k-1,2k+1)*-cores and *(2k-1,2k,2k+1)*-cores, Electronic Journal of Combinatorics **23**, no. 1 (2016), Article P1.13

96. Mizuhara, M., Sellers, J. A., and Swisher, H., A Periodic Approach to Plane Partition Congruences, INTEGERS **16** (2016), Article A16

97. Hirschhorn, M. D. and Sellers, J. A., Infinitely Many Congruences Modulo 5 for 4–Colored Frobenius Partitions, Ramanujan Journal **40** (2016), 193–200

98. Alanazi, A. M., Munagi, A. O. and Sellers, J. A., An Infinite Family of Congruences for *l*-regular Overpartitions, INTEGERS **16** (2016), Article A37

99. Nath, R. and Sellers, J. A., Congruences for the Number of Spin Characters of the Double Covers of the Symmetric and Alternating Groups, Advances in Applied Mathematics **80** (2016), 114–130

100. Nath, R. and Sellers, J. A., Abaci Structures of (*s, ms*±1)-Core Partitions, Electronic Journal of Combinatorics **24**, no. 1 (2017), Article P1.5

101. Andrews, G. E., Passary, D., Sellers, J. A., and Yee, A. J., Congruences Related to the Ramanujan/Watson Mock Theta Functions $\omega(q)$ and $\upsilon(q)$, Ramanujan Journal **43**, no. 2 (2017), 347–357

102. Andrews, G. E., Brietzke, E., Rødseth, Ø. and Sellers, J. A., Arithmetic Properties of *m*–ary Partitions Without Gaps, Annals of Combinatorics **21**, no. 4 (2017), 495–506

103. Munagi, A. O. and Sellers, J. A., Generalizing Identities for Inplace Integer Compositions, Quaestiones Mathematicae **41**, no. 1 (2018), 41–48

104. Gu, C., Hirschhorn, M. D., Sellers, J. A., and Xia, E. X. W., Infinite Families of Congruences Modulo 5 and 9 for Overpartitions, Bulletin of the Polish Academy of Sciences Mathematics **66**, no.1 (2018), 31–44

105. Liu, E. H., Sellers, J. A., and Xia, E. X. W., Congruences Modulo 11 for Broken 5-Diamond Partitions, Ramanujan Journal **46**, no. 1 (2018), 151–159

106. Flowers, T. B., ***Neville, S.***, and Sellers, J. A., An *m*-ary Partition Generalization of a Past Putnam Problem, Australasian Journal of Combinatorics **72**, no. 2 (2018), 369–375

107. Hirschhorn, M. D. and Sellers, J. A., Parity Results for Partitions Wherein Each Part Appears an Odd Number of Times, Bulletin of the Australian Mathematical Society **99**, no. 1 (2019), 51–55

108. Benjamin, A. T., ***Crouch, J.*** and Sellers, J. A., Unified Tiling Proofs of a Family of Fibonacci Identities, Fibonacci Quarterly **57**, no. 1 (2019), 29–31

109. Brietzke, E. H. M., da Silva, R., and Sellers, J. A., Congruences Related to an Eighth Order Mock Theta Function of Gordon and McIntosh, Journal of Mathematical Analysis and Applications **479**, no. 1 (2019), 62–89

110. da Silva, R., Hopkins, B., and Sellers, J. A., Garden of Eden States in Austrian Solitaire, European Journal of Combinatorics **83** (2020), Article 103023

111. da Silva, R. and Sellers, J. A., New Congruences for 3–Regular Partitions with Designated Summands, INTEGERS **20A** (2020), Article A6

112. da Silva, R. and Sellers, J. A, Infinite Families of Congruences for *k*-Regular Partitions with Designated Summands, Bulletin of the Brazilian Mathematical Society **51** (2020), 357–370

113. da Silva, R. and Sellers, J. A., Parity Considerations for Mex–Related Partition Functions of Andrews and Newman, Journal of Integer Sequences **23**, no. 5 (2020), Article 20.5.7

114. Hopkins, B. and Sellers, J. A., Turning the Partition Crank, American Mathematical Monthly **127**, no. 7 (2020), 654–657

115. Hirschhorn, M. D. and Sellers, J. A., Congruences for Overpartitions with Restricted Odd Differences, Ramanujan Journal **53,** no. 1 (2020), 167–180

116. Sellers, J. A., and Zanello, F., On the Parity of the Number of Partitions with Odd Multiplicities, International Journal of Number Theory **17**, no. 7 (2021), 1717–1728

117. Schneider, R., Sellers, J. A., and Wagner, I., Sequentially Congruent Partitions and Partitions into Squares, Ramanujan Journal **56**, no. 2 (2021), 645–650

118. da Silva, R. and Sellers, J. A., Arithmetic Properties of 3–Regular Partitions in Three Colors, Bulletin of the Australian Mathematical Society **104**, no. 3 (2021), 415–423

119. Gramain, J.-B., Nath, R., and Sellers, J. A., Simultaneous Core Partitions with Common Divisor, Ramanujan Journal **56**, no. 3 (2021), 839–863

120. Hopkins, B., Sellers, J. A., and Stanton, D. W., Dyson's Crank and the Mex of Integer Partitions, Journal of Combinatorial Theory, Series A **185** (2022), Article 105523

121. Hopkins, B., Sellers, J. A., and Yee, A. J., Combinatorial Perspectives on the Crank and Mex Partition Statistics, Electronic Journal of Combinatorics **29**, no. 2 (2022), Article P2.11

122. da Silva, R. and Sellers, J. A., Congruences for the Coefficients of the Gordon and McIntosh Mock Theta Function $\xi(q)$, Ramanujan Journal **58**, no. 3 (2022), 815–834

123. da Silva, R., Hirschhorn, M. D., and Sellers, J. A., Elementary Proofs of Infinitely Many Congruences for *k*–elongated Partition Diamonds, Discrete Mathematics **345**, no. 11 (2022), Article 113021

124. Andrews, G. E., Sellers, J. A. and ***Soufan, M. F.***, On the Parity of the Generalized Frobenius Partition Functions $\varphi_k(n)$, Bulletin of the Australian Mathematical Society **106**, no. 3 (2022), 431–436

125. Petersen, K. L. and Sellers, J. A., Partitions Associated to Class Groups of Imaginary Quadratic Number Fields, Aequationes Mathematicae **97**, no. 1 (2023), 63–74

126. Fulghesu, D., Sellers, J. A., and Taylor, C. K., Infinite Families of Infinite Series with Integer Sums, College Mathematics Journal **54**, no. 1 (2023), 33–43

127. da Silva, R. and Sellers, J. A., Congruences for 3–core Cubic Partitions, Indian Journal of Pure and Applied Mathematics **54** (2023), 404–420

128. da Silva, R. and Sellers, J. A., Elementary Proofs of Infinite Families of Congruences for Merca's Cubic Partitions, Ramanujan Journal **62**, no. 4 (2023), 925–933

129. Sellers, J. A., An Elementary Proof of a Conjecture of Saikia on Congruences for *t*-Colored Overpartitions, Boletín de la Sociedad Matemática Mexicana **30** (2024), Article 2

130. Sellers, J. A. and Smoot, N. A., On the Divisibility of 7–Elongated Plane Partition Diamonds by Powers of 8, International Journal of Number Theory **20**, no. 1 (2024), 267–282

131. Sellers, J. A., New Infinite Families of Congruences Modulo Powers of 2 for 2–Regular Partitions with Designated Summands, INTEGERS **24** (2024), Article A16

132. Hopkins, B. and Sellers, J. A., On Blecher and Knopfmacher's Fixed Points for Integer Partitions, Discrete Mathematics **347**, no. 5 (2024), Article 113938

133. Sellers, J. A., Elementary Proofs of Congruences for POND and PEND Partitions, Journal of Integer Sequences **27** (2024), Article 24.4.7

134. Chern, S. and Sellers, J. A., An Infinite Family of Internal Congruences Modulo Powers of 2 for Partitions into Odd Parts with Designated Summands, Acta Arithmetica **215**, no. 1 (2024), 43–64

135. ***Dockery, D.***, Jameson, M., Sellers, J. A., and ***Wilson, S.***, *d*–fold Partition Diamonds, Discrete Mathematics **347**, no. 12 (2024), Article 114163

136. Garvan, F. G., Sellers, J. A., and Smoot, N. A., Old Meets New: Connecting Two Infinite Families of Congruences Modulo Powers of 5 for Generalized Frobenius Partition Functions, Advances in Mathematics **454** (2024), Article 109866

137. ***Carlson, A.***, Hopkins, B., and Sellers, J. A., Enumeration Modulo 4 of Overpartitions Wherein Only Even Parts May Be Overlined, Discrete Mathematics Letters **14** (2024), 95–102

138. Sellers, J. A. and Tauraso, R., Arithmetic Properties of MacMahon-type Sums of Divisors, Ramanujan Journal **67**, no. 2 (2025), Article Number 37

139. Greene, J. and Sellers, J. A., Extending Recent Parity Results of Nyirenda and Mugwangwavari for Partitions with Initial Repetitions, INTEGERS **25** (2025), Article A32

140. Sellers, J. A., Extending Congruences for Overpartitions with *l*-Regular Non-Overlined Parts, Bulletin of the Australian Mathematical Society **111**, no. 3 (2025), 478–489

141. Saikia, M. P., ***Sarma, A.***, and Sellers, J. A., Arithmetic Properties Modulo Powers of 2 for Overpartition *k*–Tuples with Odd Parts, to appear in Journal of the Ramanujan Mathematical Society

142. Amdeberhan, T., Sellers, J. A., and Singh, A., Arithmetic Properties for Generalized Cubic Partitions and Overpartitions Modulo a Prime, to appear in Aequationes Mathematicae

143. Chern, S., da Silva, R., and Sellers, J. A., Elementary Proofs of Arithmetic Properties for Schur–Type Overpartitions Modulo Small Powers of 2, to appear in Indian Journal of Pure and Applied Mathematics

144. ***Eckland, K. J.*** and Sellers, J. A., Elementary Proofs of Congruences for Drake's Variant of 2-Colored Generalized Frobenius Partitions, to appear in the Journal of Analysis

145. Sellers, J. A. and Smoot, N. A., Explaining Unforeseen Congruence Relationships Between PEND and POND Partitions via an Atkin-Lehner Involution, to appear in Ramanujan Journal

146. Fu, S. and Sellers, J. A., A Refined View of a Curious Identity for Partitions into Odd Parts with Designated Summands, submitted to Discrete Mathematics, November 2024

147. Saikia, M. P. and Sellers, J. A., Generalizing Recent Results of Kathiravan, Majumdar, Sangalae, and Srinivas on (k, l)-regular Partitions, submitted to the Hardy-Ramanujan Journal, May 2025

148. Sellers, J. A., Elementary Proofs of Two Congruences for Partitions with Odd Parts Repeated at Most Twice, revision submitted to The Mathematics Student, May 2025

149. Paudel, B., Sellers, J. A., and Wang, H., Extending Recent Work of Nath, Saikia, and Sarma on k-tuple l-regular Partitions, submitted to INTEGERS, May 2025

150. Paudel, B., Sellers, J. A., and Wang, H., TBD, in progress

151. Keith, W. J., Nath, R., and Sellers, J. A., TBD, in progress

152. Chern, S., Eichhorn, D., Fu, S., and Sellers, J. A., TBD, in progress

153. Németh, L., Sellers, J.A., and Szalay, L., TBD, in progress

154. Hopkins, B. and Sellers, J. A., TBD, in progress

BOOKS

1. Alladi, K., Paule, P., Sellers, J., Yee, A. (editors), Combinatory Analysis: Dedicated to George Andrews, Developments in Mathematics, Springer, 2013, ISBN 978-1-4614-7857-7

2. Mullen, G. L. and Sellers, J. A., Abstract Algebra: A Gentle Introduction, CRC Press, 2017, ISBN 978-1482250060

3. Alladi, K., Berndt, B. C., Paule, P., Sellers, J., Yee, A. J. (editors), George Andrews: 80 Years of Combinatory Analysis, Trends in Mathematics, Birkhauser, 2021, ISBN 978-3-030-57049-1

EDUCATIONAL RESOURCES

1. Sellers, J. A., High School Algebra 1, The Great Courses / Teaching Company,

2009

2. Sellers, J. A., High School Algebra 2, The Great Courses / Teaching Company, 2010

3. Sellers, J. A., Mastering the Fundamentals of Mathematics, The Great Courses / Teaching Company, 2011

4. Sellers, J. A., Finding EXACT Values of Infinite Series, AP Daily Lecture for BC Calculus Unit 10, 2021

5. Otero, Daniel E. and Sellers, J. A., Jakob Bernoulli Finds Exact Sums of Infinite Series (Calculus Version), Primary Source Project for TRIUMPHS (Transforming Instruction in Undergraduate Mathematics via Primary Historical Sources), October 2021

6. Otero, Daniel E. and Sellers, J. A., Jakob Bernoulli Finds Exact Sums of Infinite Series (Capstone Version), Primary Source Project for TRIUMPHS (Transforming Instruction in Undergraduate Mathematics via Primary Historical Sources), April 2022

PRESENTATIONS

1. Congruences for Generalized Frobenius Partitions, Rademacher Centenary Conference, The Pennsylvania State University, July 21–25, 1992

2. Congruences Relating the Frobenuis Partition Functions ϕ_m and $c\phi_m$, Joint Mathematics Meetings of the American Mathematical Society and the Mathematical Association of America, Cincinnati, OH, January 12–15, 1994

3. Properties of Generalized Frobenius Partition Functions, The Center for Communications Research, The Institute for Defense Analysis, La Jolla, CA, March 15, 1994

4. Recurrences for 2–Colored and 3–Colored F–Partitions, Minneapolis Mathfest, August 15, 1994

5. Generating Interest in Generating Functions, Joint Spring Meeting of the Ohio Section of the Mathematical Association of America and the American Mathematical Association of Two–Year Colleges, The Ohio State University, April 22, 1995

6. Several Arithmetic Identities Involving the Number of Ways to Write an Integer as the Sum of 3 Triangular Numbers, Fall Meeting of the Ohio Section of the Mathematical Association of America, Central State University, October 21, 1995

7. 4–Cores: A Hunt for Congruences, Pi Mu Epsilon Group, The University of Dayton, March 19, 1996

8. Undergraduate Research in Partition Theory?, Cedarville College, April 9, 1996

9. Congruences for Partitions into Powers of 2 or 3, Fall Meeting of the Ohio Section of the Mathematical Association of America, Denison University, October 25, 1996

10. Simultaneously Odd and Perfect Numbers, Pi Mu Epsilon Group, The University of Dayton, March 13, 1997

11. CMJ Problem 584 or Why I Love the MAA Ohio Section Meetings, Spring Meeting of the Ohio Section of the Mathematical Association of America, Youngstown State University, April 12, 1997

12. On Infinitely Many Odd Nonunitary Abundant Numbers, Fall Meeting of the Ohio Section of the Mathematical Association of America, Shawnee State University, October 25, 1997

13. Triangles: Geometric and Square, Pi Mu Epsilon Group, The University of Dayton, March 26, 1998

14. Centers of Mass: Hands–On Observations, Spring Meeting of the Ohio Section of the Mathematical Association of America, John Carroll University, April 18, 1998

15. Advising Mathematics Students Academically and Professionally, National Project NexT Meeting, Ryerson Polytechnic University (Toronto), July 15, 1998

16. New Results on Sums of Three Squares, Fall Meeting of the Ohio Section of the Mathematical Association of America, Columbus State Community College, October 9, 1998

17. Congruences for m–ary partition Functions: Revisiting the Work of Andrews and Others, Special Session on Partitions and q–series, Fall Meeting of the Eastern Section of the American Mathematical Society, The Pennsylvania State University, October 25, 1998

18. So What Can I Do With a Math Degree, Cedarville College Mathematics Club, Cedarville College, January 12, 1999

19. Alternating Sign Matrices and Divisibility Properties, Pi Mu Epsilon Group, The University of Dayton, February 12, 1999

20. Generalizing Bailey's Generalization of the Catalan Numbers, Spring Meeting of the Ohio Section of the Mathematical Association of America, University of Dayton, March 27, 1999

21. Jacobsthal Numbers and Alternating Sign Matrices, Spring Meeting of the Ohio Section of the Mathematical Association of America, Marshall University, April 8, 2000

22. Arithmetic Properties of Basis Partitions with Specified Durfee Square Size, Pi Mu Epsilon Group, The University of Dayton, April 13, 2000

23. Arithmetic Properties of Various Families of Plane Partitions, Mathematics/Computer Science Colloquium, Xavier University, September 29, 2000

24. A Special Family of Graphical Partitions, Fall Meeting of the Ohio Section of the Mathematical Association of America, Wittenberg University, October 27, 2000

25. Congruences for Binary Partition Functions Old and New, Graduate Student Colloquium, Miami University (OH), January 30, 2001

26. TSSCPPs and CSTCPPs, Spring Meeting of the Ohio Section of the Mathematical Association of America, Bowling Green State University, March 24, 2001

27. How Many Odd Nonunitary Abundant Numbers Are There?, Penn State Math Club, September 26, 2001

28. Congruences and Recurrences for 2–Colored Frobenius Partitions, Partitions Seminar, Penn State University, September 27, 2001

29. An Overview of *m*–ary Partition Functions, Partitions Seminar, Penn State University, October 25, 2001

30. Advising Mathematics Students Academically and Professionally, Ohio Project NexT Meeting, Marietta College, October 26, 2001

31. On Infinitely Many Composite NSW Numbers: An Inductive Proof, Fall Meeting of the Ohio Section of the Mathematical Association of America, Marietta College, October 26, 2001

32. Fibonacci Fun: Exploration, Discovery, and Proof, WISE (Women in the Sciences and Engineering) MathFest, November 10, 2001

33. Results on Graphical Partitions, Partitions Seminar, Penn State University, December 6, 2001

34. Various Partition Identities, Partitions Seminar, Penn State University, January 31, 2002

35. Triangles: Geometric and Square, Penn State Math Club, February 4, 2002

36. Various Partition Identities, II, Partitions Seminar, Penn State University, February 7, 2002

37. Enumerating Graphical Forest Partitions, Spring Meeting of the Allegheny Mountain Section of the Mathematical Association of America, West Liberty State College (WV), April 5, 2002

38. Fibonacci Numbers: History, Facts and Conjectures, State College High School Math Club, April 22, 2002

39. Advising Mathematics Students Academically and Professionally, National Project NexT Meeting, University of Vermont, July 31, 2002

40. Graphical Forest Partitions: Research With a Cedarville Alum, Cedarville University, September 9, 2002

41. A Search For Odd Nonunitary Abundant Numbers, Juniata College, September 19, 2002

42. Combining Number Theory and Graph Theory: Graphical Forest Partitions, Penn State Math Club, September 23, 2002

43. Combining Number Theory and Graph Theory: Graphical Forest Partitions, Annual Non–University Park Mathematics Faculty Meeting, October 14, 2002

44. Combining Number Theory and Graph Theory: Graphical Forest Partitions, Penn State Algebra and Number Theory Seminar, October 17, 2002

45. Congruences and Recurrences for Certain F–Partition Functions, I, Partitions Seminar, Penn State University, October 24, 2002

46. New Results on Graphical Forest Partitions, Fall Meeting of the Ohio Section of the Mathematical Association of America, Kent State University Trumbull Campus, October 25, 2002

47. Congruences and Recurrences for Certain F–Partition Functions, II, Partitions Seminar, Penn State University, October 31, 2002

48. A Search For Odd Nonunitary Abundant Numbers, Bucknell University, December 3, 2002

49. TSSCPPs and CSTCPPs, Spring Meeting of the Allegheny Mountain Section of the Mathematical Association of America, Penn State University Dubois, April 5, 2003

50. A Search For Odd Nonunitary Abundant Numbers, Millersville University Mathematics Department Colloquium, April 11, 2003

51. Miscellaneous Results for Overpartitions, Partitions Seminar, Penn State University, April 17, 2003

52. Beyond Mere Convergence, Juniata College, September 25, 2003

53. A Search For Odd Nonunitary Abundant Numbers, Gettysburg College Mathematics Department Colloquium, October 2, 2003

54. TSSCPPs and CSTCPPs: Relating Two Families of Plane Partitions, Penn State CWC Mathematics Faculty Meeting, October 25, 2003

55. A Generalization of Overpartitions: Preliminary Results, INTEGERS Conference 2003, State University of West Georgia, October 31, 2003

56. Arithmetic Properties of Hyper *m*–ary Partitions, Partitions Seminar, Penn State University, November 5, 2003

57. Arithmetic Properties of Hyper *m*–ary Partitions, II, Partitions Seminar, Penn State University, November 12, 2003

58. Beyond Mere Convergence, Penn State Math Club, December 1, 2003

59. Characterizing Overpartitions Modulo Small Powers of Two, Partitions Seminar, Penn State University, December 10, 2003

60. New Views of Binary Partition Functions, Penn State Algebra and Number Theory Seminar, February 12, 2004

61. Beyond Mere Convergence, Millersville University Mathematics Department Colloquium, March 4, 2004

62. Mathematics Research With Undergraduates: Stories of Personal Success, West Virginia Wesleyan College Mathematics Department Colloquium, March 25, 2004

63. New Results for Hyperbinary Partitions, Spring Meeting of the Allegheny Mountain Section of the Mathematical Association of America, West Virginia Wesleyan College, March 27, 2004

64. Extending a Recent Result of Santos on Partitions into Odd Parts, Partitions Seminar, Penn State University, April 13, 2004

65. Networking in Mathematics, College of Wooster (OH) Department Colloquium, April 29, 2004

66. Math Night!, Special Session on Extracurricular Mathematics, MAA Mathfest, Providence, RI, August 12, 2004

67. Integer Partitions: Alive and Well, Juniata College, September 16, 2004

68. Mathematics Research With Undergraduates: Stories of Personal Success, Ohio Project NExT Meeting, John Carroll University, October 22, 2004

69. Integer Partitions: Alive and Well, Fall Meeting of the Ohio Section of the Mathematical Association of America, John Carroll University, October 22, 2004

70. Beyond Mere Convergence, Fall Meeting of the Ohio Section of the Mathematical Association of America, John Carroll University, October 22, 2004

71. A Connection Between Binary Partitions and Non-Squashing Partitions, Conference on Additive Number Theory, University of Florida, November 17–20, 2004

72. Integer Partitions: Alive and Well, Millersville University Mathematics Department Colloquium, December 2, 2004

73. New Results for Overpartitions, Penn State Algebra and Number Theory Seminar, March 17, 2005

74. Beyond Mere Convergence, Spring Meeting of the Allegheny Mountain Section of the Mathematical Association of America, Slippery Rock University, April 2, 2005

75. Cool Results Involving Compositions, Juniata College, September 22, 2005

76. Cool Results Involving Compositions, Penn State Math Club, September 26, 2005

77. On Sloane's Generalization of Non-Squashing Stacks of Boxes, Partitions Seminar, Penn State University, October 11, 2005

78. An Infinite Family of Overpartition Congruences Modulo 12, INTEGERS Conference 2005, State University of West Georgia, October 27-30, 2005

79. A Search For Odd Nonunitary Abundant Numbers, Lock Haven University Mathematics Department Colloquium, November 29, 2005

80. Arithmetic Properties of Hyper *m*–ary Partitions, Penn State Math Club, January 23, 2006

81. Bulgarian Solitaire and Garden of Eden Partitions, Partitions Seminar, Penn State University, January 31, 2006

82. Cool Results Involving Fibonacci Numbers and Compositions, Slippery Rock University Fibonacci Day, March 8, 2006

83. TSSCPPs and CSTCPPs: Relating Two Families of Plane Partitions, Partitions Seminar, Penn State University, March 21, 2006

84. Bulgarian Solitaire and Garden of Eden Partitions, Millersville University Mathematics Department Colloquium, March 23, 2006

85. Mathematics Research With Undergraduates: Stories of Personal Success, Allegheny Mountain Section Project NexT Meeting, Juniata College, April 7, 2006

86. On Sloane's Generalization of Non-Squashing Stacks of Boxes, Special Session on Partitions and q–series, Spring Meeting of the Western Section of the American Mathematical Society, San Francisco State University, April 29-30, 2006

87. Advising Mathematics Students Academically and Professionally, National Project NExT Meeting, Knoxville, TN, August 9, 2006

88. Bulgarian Solitaire and Garden of Eden Partitions, Juniata College, September 14, 2006

89. Academic Integrity Issues in Penn State's Eberly College of Science, The Fifth Annual Professional Development Conference on Academic Advising, Penn State University, September 27-28, 2006

90. Bulgarian Solitaire and Garden of Eden Partitions, Penn State Math Club, October 9, 2006

91. Parity Results for Broken k-Diamonds, Partitions Seminar, Penn State University, October 31, 2006

92. Tiling Proofs of Recent Sum Identities Involving Pell Numbers, Partitions Seminar, Penn State University, December 12, 2006

93. Tiling Proofs of Recent Sum Identities Involving Pell Numbers, Penn State Math Club, March 19, 2007

94. Research in Integer Partitions: Alive and Well, Spring Meeting of the Allegheny Mountain Section of the Mathematical Association of America, Mercyhurst College, April 13, 2007

95. Cool Results Involving Fibonacci Numbers and Compositions, Lock Haven University, April 26, 2007

96. Parity Results for Broken k-Diamonds, Illinois Number Theory Fest, University of

Illinois at Urbana-Champaign, May 17, 2007

97. Tiling Proofs of Recent Sum Identities Involving Pell Numbers, British Combinatorial Conference, University of Reading (UK), July 2007

98. Advising Mathematics Students Academically and Professionally, National Project NExT Meeting, San Jose State University, San Jose, CA, August 2007

99. Advice on Writing Recommendation Letters (panelist), National Project NExT Meeting, San Jose State University, San Jose, CA, August 2007

100. Attracting More Mathematics Majors (panelist), National Project NExT Meeting, San Jose State University, San Jose, CA, August 2007

101. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, MAA MathFest, San Jose State University, San Jose, CA, August 2007

102. Cool Results Involving Fibonacci Numbers and Compositions, Penn State University, Harrisburg, September 6, 2007

103. Observations on the Parity of the Total Number of Parts in Odd-Part Partitions, Partitions and Combinatorics Seminar, Penn State University, September 18, 2007

104. Tiling Proofs of Recent Sum Identities Involving Pell Numbers, Juniata College, September 20, 2007

105. Observations on the Parity of the Total Number of Parts in Odd-Part Partitions, INTEGERS 2007, State University of West Georgia, October 2007

106. Cool Results Involving Fibonacci Numbers and Compositions, Shepherd University (WV), November 27, 2007

107. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Penn State Math Club, December 3, 2007

108. Arithmetic Properties of Partitions with Non-Repeating Odd Parts, Partitions and Combinatorics Seminar, Penn State University, December 4, 2007

109. Cool Results Involving Fibonacci Numbers and Compositions, Millersville University Mathematics Department Colloquium, December 6, 2007

110. Graphical Partitions, Isaac Newton Institute Combinatorics and Statistical Mechanics Programme, University of Cambridge, February 25, 2008

111. Arithmetic Properties For Partitions Where Odd Parts Must Be Distinct, University of Exeter (UK), February 28, 2008

112. On *m*–ary Partitions and Non-Squashing Stacks of Boxes, University of Bergen (Norway), March 5, 2008

113. Enumeration of the Degree Sequences of Non-separable Graphs and Connected Graphs, Isaac Newton Institute Combinatorics and Statistical Mechanics Programme, University of Cambridge, April 2, 2008

114. Enumeration of the Degree Sequences of Non-Separable Graphs and Connected Graphs, Partitions and Combinatorics Seminar, Penn State University, September 2, 2008

115. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Juniata College, September 11, 2008

116. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Penn State University, Harrisburg, September 18, 2008

117. Congruences Modulo High Powers of 2 for Sloane's Box Stacking Function, Partitions and Combinatorics Seminar, Penn State University, October 14, 2008

118. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Penn State Math Club, November 10, 2008

119. Enumeration of the Degree Sequences of Non-Separable Graphs and Connected Graphs, Combinatory Analysis 2008: Partitions, *q*-series, and Applications, Penn State University, December 5, 2008

120. Math Clubs and Co-Curricular Math Activities (panelist), National Project NExT Meeting, Washington, DC, January 6, 2009

121. On *m*–ary Partitions and Non-Squashing Stacks of Boxes, Penn State University Graduate Student Seminar, January 15, 2009

122. Generalizing a Binomial Coefficient Identity of Beckwith, Partitions and Combinatorics Seminar, Penn State University, January 27, 2009

123. Recent Arithmetic Results Related to *m*-ary Partition Functions, Penn State Algebra and Number Theory Seminar, January 29, 2009

124. Euler and His Polyhedral Formula, State College High School, February 6, 2009

125. Beyond Mere Convergence, Penn State Mathematics Department Teaching Seminar, February 26, 2009

126. Elementary Proofs of Various Facts about 3-cores, Partitions and Combinatorics

Seminar, Penn State University, March 3, 2009

127. Elementary Proofs of Parity Results for 5-Regular Partitions, Conference on Quadratic Forms, Sums of Squares, Theta Functions and Integral Lattices, University of Florida, March 11-15, 2009

128. A Different Look at Albrecht and White's Path Counting in Grids, Spring Meeting of the Allegheny Mountain Section of the Mathematical Association of America, Wheeling Jesuit University, April 4, 2009

129. Arithmetic Properties of Partitions with Even Parts Distinct, Partitions and Combinatorics Seminar, Penn State University, April 7, 2009

130. Cool Patterns in Pascal's Triangle, State College High School, April 20, 2009

131. Graphical Partitions, Penn State Math Club, April 20, 2009

132. Enumeration of the Degree Sequences of Non-Separable Graphs and Connected Graphs, Departmental Colloquium, West Virginia University, April 22, 2009

133. Beyond Mere Convergence, Pi Mu Epsilon Address, West Virginia University, April 22, 2009

134. A Gentle Introduction to Generating Functions, State College High School, May 18–19, 2009

135. Mathematics Research With Undergraduates: Stories of Personal Success, Association of Christians in the Mathematical Sciences (ACMS) Biennial Conference, Wheaton College, May 2009

136. Beyond Mere Convergence, Association of Christians in the Mathematical Sciences (ACMS) Biennial Conference, Wheaton College, May 2009

137. Generalizing a Binomial Coefficient Identity of Beckwith, Juniata College, September 10, 2009

138. Generalizing a Binomial Coefficient Identity of Beckwith, Penn State Math Club, September 14, 2009

139. Cool Results Involving Fibonacci Numbers and Compositions, Clarion University, September 23, 2009

140. Cool Results Involving Fibonacci Numbers and Compositions, State College High School, October 7, 2009

141. Elementary Proofs of Parity Results for 5-Regular Partitions, INTEGERS 2009,

State University of West Georgia, October 14-17, 2009

142. An Overview of Generalized Frobenius Partitions, Partitions and Combinatorics Seminar, Penn State University, October 20, 2009

143. Infinite Families of Divisibility Properties Modulo 4 for Non-Squashing Partitions into Distinct Parts, Special Session on q-Series and Related Areas in Enumerative Combinatorics and Number Theory, Fall Meeting of the Eastern Section of the American Mathematical Society, Penn State University, October 24-25, 2009

144. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Penn State University, Harrisburg, December 3, 2009

145. Cool Results Involving Fibonacci Numbers and Compositions, Westmont College (CA), January 11, 2010

146. On m–ary Partitions and Non-Squashing Stacks of Boxes, Penn State University Graduate Student Seminar, January 21, 2010

147. Utilizing Partition Analysis To Extend a Result of Santos on Partitions into Odd Parts, Partitions and Combinatorics Seminar, Penn State University, February 2, 2010

148. An Unexpected Connection Between Binomial Coefficients and Consecutive-Leg Pythagorean Triples, Penn State Math Club, February 22, 2010

149. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Lock Haven University Mathematics Department Colloquium, February 23, 2010

150. Pascal's Triangle, Combinations, and Algebra, Mount Nittany Middle School, February 24, 2010

151. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Taylor University, March 8, 2010

152. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Macalester College, March 9, 2010

153. On m–ary Partitions and Non-Squashing Stacks of Boxes, University of Northern Iowa Department Colloquium, March 10, 2010

154. Partition Analysis and Non-Squashing Stacks of Boxes, Partitions and Combinatorics Seminar, Penn State University, March 23, 2010

155. Infinite Families of Divisibility Properties Modulo 4 for Non-Squashing Partitions

into Distinct Parts, Spring Meeting of the Allegheny Mountain Section of the Mathematical Association of America, University of Pittsburgh at Johnstown, April 10, 2010

156. Parity Results for Broken *k*-Diamond Partitions and (*2k+1*)-Cores, Penn State Algebra and Number Theory Seminar, April 22, 2010

157. On *m*–ary Partitions and Non-Squashing Stacks of Boxes, Algorithmic Combinatorics Seminar, Research Institute for Symbolic Computation (Austria), May 12, 2010

158. Tiling a *1 x n* Strip and Recurrent Sequences, State College High School, June 7, 2010

159. Advising Mathematics Students Academically and Professionally, National Project NExT Meeting, Pittsburgh, PA, August 3, 2010

160. Issues for Early Career Mathematicians in Academia (panelist), MAA MathFest, Pittsburgh, PA, August 6, 2010

161. Balancing Numerous Goals in a Mathematics FYS – My Penn State Experience, MAA MathFest, Pittsburgh, PA, August 7, 2010

162. Graphical Partitions, Juniata College, September 9, 2010

163. Composite NSW Numbers, Penn State Math Club, September 13, 2010

164. Enumeration of Multigraphic Line-Hamiltonian Degree Sequences, Partitions and Combinatorics Seminar, Penn State University, September 28, 2010

165. Graphical Partitions, Clarion University, October 6, 2010

166. Graphical Partitions, Penn State University, Harrisburg, October 12, 2010

167. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Pi Mu Epsilon Lecture, University of Nebraska, November 1, 2010

168. Enumeration of the Degree Sequences of Non-Separable Graphs and Connected Graphs, University of Nebraska, November 2, 2010

169. Enumeration of Line-Hamiltonian Multigraphic Degree Sequences, West Virginia University, November 11, 2010

170. Enumeration of Line-Hamiltonian Multigraphic Degree Sequences, Penn State Math Club, January 31, 2011

171. Computational Aspects in the Search for (Rational) Generating Functions, Combinatorics and Partitions Seminar, Penn State University, February 15, 2011

172. Perfect Numbers, Mersenne Primes, and the Abundancy Index of a Number, State College High School, February 15, 2011

173. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Spring 2011 Meeting of the Associated Colleges of the Chicago Area, Trinity Christian College, February 23, 2011

174. Tiling Proofs of Recent Sum Identities Involving Pell Numbers, Spring 2011 Meeting of the Associated Colleges of the Chicago Area, Trinity Christian College, February 23, 2011

175. Enumeration of Line-Hamiltonian Multigraphic Degree Sequences, Spring Meeting of the Allegheny Mountain Section of the Mathematical Association of America, Clarion University, April 9, 2011

176. On *m*–ary Partitions and Non-Squashing Stacks of Boxes, Department of Mathematics, UNICAMP-Universidade Estadual de Campinas (Brazil), May 11, 2011

177. Unique Path Partitions, Combinatorics and Partitions Seminar, Penn State University, August 23, 2011

178. Unique Path Partitions, II, Combinatorics and Partitions Seminar, Penn State University, August 30, 2011

179. Arithmetic Properties for *t*-Core Partitions, New York Workshop on the Symmetric Group, City University of New York, September 8, 2011

180. Cool Results Involving Fibonacci Numbers and Compositions, Houghton College, September 12, 2011

181. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Houghton College, September 13, 2011

182. Bulgarian Solitaire and Garden of Eden Partitions, Penn State Math Club, September 19, 2011

183. Enumeration of Line-Hamiltonian Multigraphic Degree Sequences, Juniata College, September 22, 2011

184. The Impact of Low Math Performance and Placement on the Future of STEM Education (plenary speaker), 3rd Annual Michigan State University STEM Day, October 18, 2011

185. Enumeration of Line-Hamiltonian Multigraphic Degree Sequences, INTEGERS 2011, University of West Georgia, October 26, 2011

186. Generalizing a Binomial Coefficient Identity of Beckwith, Clarion University, November 15, 2011

187. Connecting Algebra and Combinatorics via the Fibonacci Numbers, State College High School, November 29, 2011

188. Bulgarian Solitaire and Garden of Eden Partitions, Penn State University Harrisburg, December 1, 2011

189. Getting the "Feel" for Centers of Mass, Joint Mathematics Meetings, Boston, MA, January 5, 2012

190. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Pi Mu Epsilon Talk, University of Illinois at Urbana-Champaign, January 30, 2012

191. On *m*–ary Partitions and Non-Squashing Stacks of Boxes, Number Theory Seminar, University of Illinois at Urbana-Champaign, January 31, 2012

192. Unique Path Partitions: Characterization and Congruences, Department of Mathematics, University of Illinois at Urbana-Champaign, January 31, 2012

193. Computing Exact Values of Infinite Series Involving Weighted Fibonacci Numbers, Penn State Math Club, February 6, 2012

194. On Euler's Theorem Relating Odd-Part and Distinct-Part Partitions, Shippensburg University, February 9, 2012

195. Cool Results Involving Fibonacci Numbers and Compositions, Department of Mathematics, CUNY York College, February 16, 2012

196. Unique Path Partitions: Characterization and Congruences, New York Algebra Colloquium, CUNY Graduate Center, February 17, 2012

197. Unique Path Partitions: Characterization and Congruences, Algebra Seminar, Department of Mathematics, University of Bergen (Norway), May 3, 2012

198. Cool Results Involving Fibonacci Numbers and Compositions, Undergraduate Math Forum, University of Bergen (Norway), May 4, 2012

199. Unique Path Partitions: Characterization and Congruences, Algebra, Geometry and Number Theory Seminar, Mathematical Institute, University of Leiden (Netherlands), May 14, 2012

200. Combinatorial Proofs of (Some of) Aek's Identities, Algorithmic Combinatorics Seminar, Research Institute for Symbolic Computation (Austria), May 30, 2012

201. Partition Function Congruences: From Ramanujan to the Present, Department of Mathematical Sciences, University of Copenhagen (Denmark), June 7, 2012

202. Connections Between Path Partitions and Restricted *m*-ary Partitions, Algorithmic Combinatorics Seminar, Research Institute for Symbolic Computation (Austria), June 13, 2012

203. Unique Path Partitions: Characterization and Congruences, Technical University, Graz (Austria), June 14, 2012

204. Infinitely Many Congruence for Broken 2-Diamond Partitions Modulo 3, Combinatorics and Partitions Seminar, Penn State University, September 4, 2012

205. Combinatorial Remarks about a "Remarkable Identity", Juniata College, September 12, 2012

206. Combinatorial Remarks about a "Remarkable Identity", Penn State Math Club, September 17, 2012

207. On Euler's Theorem Relating Odd-Part and Distinct-Part Partitions, Fall Meeting of the EPaDel Section of the Mathematical Association of America, Millersville University, October 27, 2012

208. Infinitely Many Congruences for Broken 2-Diamond Partitions Modulo 3, Ramanujan 125: A Conference to Commemorate the 125th Anniversary of Ramanujan's Birth, University of Florida, Gainesville, November 2012

209. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Penn State Erie Math Club, November 12, 2012

210. Combinatorial Remarks about a "Remarkable Identity", Penn State University Harrisburg, November 28, 2012

211. Pascal's Triangle, Combinations, and Algebra, Mount Nittany Middle School, December 3, 2012

212. Congruences Modulo Squares of Primes for Fu's *k* Dots Bracelet Partitions, AMS Special Session on The Influence of Ramanujan on His 125th Birthday, San Diego Joint Mathematics Meetings, January 11, 2013

213. An Unexpected Congruence Modulo 5 for 4-Colored Generalized Frobenius Partitions, Combinatorics and Partitions Seminar, Penn State University, January

15, 2013

214. Closed Form Formulas and Other Cool Facts Related to Recurrent Sequences, State College High School, February 1, 2013

215. Connections Between Path Partitions and Restricted m-ary Partitions, University of Vienna, March 5, 2013

216. Old and New Results for Generalized Frobenius Partition Functions, Algorithmic Combinatorics Seminar, Research Institute for Symbolic Computation (Austria), March 6, 2013

217. On the Parity of the Number of Parts in Distinct-Part Partitions, Combinatorics and Partitions Seminar, Penn State University, March 19, 2013

218. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Pi Mu Epsilon Group, University of Florida, March 26, 2013

219. Pascal's Triangle, Combinations, and Algebra, Park Forest Middle School, April 10, 2013

220. Combinatorial Remarks about a "Remarkable Identity", Penn State CWC Mathematics Faculty Meeting, April 13, 2013

221. On Euler's Theorem Relating Odd-Part and Distinct-Part Partitions, Mathematics Department Colloquium, West Virginia University, April 17, 2013

222. Cool Results Involving Fibonacci Numbers and Compositions, Pi Mu Epsilon Address, West Virginia University, April 17, 2013

223. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Honors and Awards Banquet, Millersville University, April 24, 2013

224. On Euler's Theorem Relating Odd-Part and Distinct-Part Partitions, Mathematics Department Seminar, University of the Witwatersrand, South Africa, May 16, 2013

225. A Historical Introduction to Integer Partitions, The John Knopfmacher Centre for Applicable Analysis and Number Theory, University of the Witwatersrand, South Africa, May 13, 2013

226. Arithmetic Properties of Overpartitions, The John Knopfmacher Centre for Applicable Analysis and Number Theory, University of the Witwatersrand, South Africa, May 14, 2013

227. An Introduction to t-core Partitions, The John Knopfmacher Centre for Applicable Analysis and Number Theory, University of the Witwatersrand, South Africa, May

15, 2013

228. Arithmetic Properties of Broken *k*-diamond Partitions, The John Knopfmacher Centre for Applicable Analysis and Number Theory, University of the Witwatersrand, South Africa, May 20, 2013

229. On *m*-ary Partitions and Non-Squashing Stacks of Boxes, The John Knopfmacher Centre for Applicable Analysis and Number Theory, University of the Witwatersrand, South Africa, May 21, 2013

230. Connections Between "Path Partitions" and Restricted *m*-ary Partitions, The John Knopfmacher Centre for Applicable Analysis and Number Theory, University of the Witwatersrand, South Africa, May 22, 2013

231. On the Parity of the Number of Parts in Distinct-Part Partitions, The John Knopfmacher Centre for Applicable Analysis and Number Theory, University of the Witwatersrand, South Africa, May 23, 2013

232. Old and New Results for Generalized Frobenius Partition Functions, The John Knopfmacher Centre for Applicable Analysis and Number Theory, University of the Witwatersrand, South Africa, May 27, 2013

233. On Euler's Theorem Relating Odd-Part and Distinct-Part Partitions, Mathematics Department Seminar, Chongqing University, China, July 30, 2013

234. Old and New Results for Generalized Frobenius Partition Functions, A Celebration of George Andrews' 75th Birthday, Center for Combinatorics, Nankai, China, August 4, 2013

235. Refinements of Overpartitions Via Restrictions on the Overlined Parts I, Combinatorics and Partitions Seminar, Penn State University, September 10, 2013

236. Using Matrices to Prove Identities for Recurrent Sequences, Juniata College, September 11, 2013

237. Using Matrices to Prove Identities for Recurrent Sequences, Penn State Math Club, September 16, 2013

238. Refinements of Overpartitions Via Restrictions on the Overlined Parts II, Combinatorics and Partitions Seminar, Penn State University, September 17, 2013

239. Arithmetic Properties of Overpartitions, Number Theory Seminar, University of Illinois at Urbana-Champaign, September 26, 2013

240. An Introduction to *t*-core Partitions, Student Number Theory Seminar, University of Illinois at Urbana-Champaign, September 26, 2013

241. Using Matrices to Prove Identities for Recurrent Sequences, Penn State University Harrisburg, October 1, 2013

242. Primes and Perfect Numbers, Park Forest Middle School, October 16, 2013

243. Cool Results Involving Fibonacci Numbers and Compositions, Bloomsburg University, October 22, 2013

244. Fraenkel's Conjecture on the Divisibility of the Ternary Partition Function, INTEGERS Conference, October 24, 2013

245. Fraenkel's Conjecture on the Divisibility of the Ternary Partition Function, Combinatorics and Partitions Seminar, Penn State University, October 29, 2013

246. Primes and Perfect Numbers, Park Forest Middle School, November 6, 2013

247. Cool Results Involving Fibonacci Numbers and Compositions, State College High School, November 15, 2013

248. Primes and Perfect Numbers, Mount Nittany Middle School, November 19, 2013

249. Bijective Proofs of Partition Identities of MacMahon, Andrews, and Subbarao, Combinatorics and Partitions Seminar, Penn State University, November 19, 2013

250. Elementary Proofs of Congruences for the Cubic and Overcubic Partition Functions, Combinatorics and Partitions Seminar, Penn State University, December 10, 2013

251. Generalizing a Binomial Coefficient Identity of Beckwith, Partitions and Combinatorics Seminar, Penn State University, January 27, 2014

252. Congruences for the Fishburn Numbers, Combinatorics and Partitions Seminar, Penn State University, February 4, 2014

253. Fun Facts about Fibonacci Numbers, Mount Nittany Middle School, February 18, 2014

254. Characterizing the Number of m-ary Partitions Modulo m, New York Number Theory Seminar, CUNY Graduate Center, February 20, 2014

255. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Department of Mathematics, CUNY York College, February 20, 2014

256. Novel Ideas for Engaging First-Year Calculus Students, University of Florida Teaching Seminar, March 18, 2014

257. Cool Results Involving Fibonacci Numbers and Compositions, Penn State Erie Math Club, March 25, 2014

258. Congruences for the Fishburn Numbers, Spring Meeting of the Allegheny Mountain Section of the Mathematical Association of America, Westminster College, April 5, 2014

259. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Penn State CWC Mathematics Faculty Meeting, April 26, 2014

260. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Penn State Math Club, September 15, 2014

261. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Juniata College, September 22, 2014

262. Arithmetic Properties of Andrews' Singular Overpartitions, Combinatorics and Partitions Seminar, Penn State University, September 23, 2014

263. Numerous Results Related to *m*–ary Partitions, James Madison University Department Colloquium, October 2, 2014

264. Cool Results Involving Fibonacci Numbers and Compositions, James Madison University Pi Mu Epsilon Meeting, October 2, 2014

265. Numerous Results Related to *m*–ary Partitions, Virginia Tech Department Colloquium, October 3, 2014

266. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Virginia Tech Math Club, October 3, 2014

267. Generalizing a Binomial Coefficient Identity of Beckwith, Penn State University, Harrisburg, October 20, 2014

268. Congruences for the Fishburn Numbers, AMS Special Session on Connections in Number Theory, Southeast AMS Sectional Meeting, University of North Carolina at Greensboro, November 8–9, 2014

269. Fun Facts with Fibonacci Numbers, Park Forest Middle School, November 12, 2014

270. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Shepherd University (WV), November 13, 2014

271. Infinitely Many Congruences Modulo 5 for 4-Colored Frobenius Partitions,

Combinatorics and Partitions Seminar, Penn State University, December 2, 2014

272. Using Matrices to Prove Identities for Fibonacci Numbers and Other Recurrent Sequences, State College Area High School, December 5, 2014

273. Arithmetic Properties of Andrews' Singular Overpartitions, AMS Special Session on Partitions, *q*-series, and Modular Forms, San Antonio Joint Mathematics Meetings, January 2015

274. An Unexpected Connection Between Binomial Coefficients and Consecutive-Leg Pythagorean Triples, Penn State Math Club, February 9, 2015

275. Congruences for the Fishburn Numbers, Penn State Algebra and Number Theory Seminar, February 19, 2015

276. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Penn State University, Altoona, February 26, 2015

277. Properties of a Restricted Binary Partition Function a la Andrews and Lewis, Combinatorics and Partitions Seminar, Penn State University, March 3, 2015

278. Congruences for the Fishburn Numbers, Algorithmic Combinatorics Seminar, Research Institute for Symbolic Computation (Austria), March 11, 2015

279. On Euler's Theorem Relating Odd-Part and Distinct-Part Partitions, Allegheny College, April 2, 2015

280. Congruences for the Fishburn Numbers, Penn State CWC Mathematics Faculty Meeting, April 25, 2015

281. Bulgarian Solitaire and Garden of Eden Partitions, Penn State Math Club, August 31, 2015

282. A Combinatorial Proof of a Relationship Between Maximal *(2k-1,2k+1)*-cores and *(2k-1,2k,2k+1)*-cores, Combinatorics and Partitions Seminar, Penn State University, September 1, 2015

283. Congruences for the Fishburn Numbers, MASS Colloquium, Penn State Mathematics Department, September 10, 2015

284. Characterizing the Number of *m*–ary Partitions Modulo *m*, Juniata College, September 23, 2015

285. Infinitely Many Congruences Modulo 5 for 4-Colored Frobenius Partitions, Penn State Algebra and Number Theory Seminar, October 1, 2015

286. Cool Results Involving Fibonacci Numbers and Compositions, Indiana University of Pennsylvania, November 5, 2015

287. Cool Results Involving Fibonacci Numbers and Compositions, Berry College, January 21, 2016

288. Connections Between Path Partitions and Restricted m-ary Partitions, Penn State Algebra and Number Theory Seminar, February 11, 2016

289. Pascal's Triangle, Combinations, and Algebra, Mount Nittany Middle School, February 25, 2016

290. Infinitely Many Congruences Modulo 5 for 4-Colored Frobenius Partitions, Gainesville International Number Theory Conference (in honor of Krishna Alladi's 60^{th} Birthday), March 17, 2016

291. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Penn State Erie Math Club, March 31, 2016

292. Characterizing the Number of m–ary Partitions Modulo m, Spring Meeting of the Allegheny Mountain Section of the Mathematical Association of America, Gannon University, April 2, 2016

293. t-core Partitions: My Introduction and Continued Work, Spring Meeting of the North Central Section of the Mathematical Association of America, Macalester College, April 16, 2016

294. Infinitely Many Congruences Modulo 5 for 4-Colored Frobenius Partitions, Combinatorial and Additive Number Theory (CANT) Conference, May 24, 2016

295. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Penn State Math Club, August 29, 2016

296. An Infinite Family of Congruences for l-regular Overpartitions, Combinatorics and Partitions Seminar, Penn State University, September 27, 2016

297. Cool Results Involving Fibonacci Numbers and Compositions, Juniata College, September 28, 2016

298. An Infinite Family of Congruences for l-regular Overpartitions, INTEGERS Conference, October 6, 2016

299. Arithmetic Properties of m–ary Partitions Without Gaps, AMS Special Session on Arithmetic Properties of Sequences from Number Theory and Combinatorics, Atlanta Joint Mathematics Meetings, January 2017

300. A Combinatorial Proof of the Relationship Between Maximal *(2k-1,2k+1)*-cores and *(2k-1,2k,2k+1)*-cores, AMS Special Session on Partition Theory and Related Topics, Atlanta Joint Mathematics Meetings, January 2017

301. Tiling Proofs of Recent Sum Identities Involving Pell Numbers, Penn State Math Club, January 23, 2017

302. Fun Facts about Fibonacci Numbers, Bald Eagle Area Middle School, February 6, 2017

303. Pascal's Triangle, Combinations, and Algebra, Park Forest Middle School, February 15, 2017

304. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Penn State University, Harrisburg, February 16, 2017

305. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Penn State CWC Mathematics Faculty Meeting, April 1, 2017

306. Cool Results Involving Fibonacci Numbers and Compositions, Penn State University, Altoona, April 13, 2017

307. An Infinite Family of Congruences for *l*-regular Overpartitions, Combinatorial and Additive Number Theory (CANT) Conference, May 23, 2017

308. Graphical Partitions, Penn State Math Club, August 28, 2017

309. Extending Parity Results for Generalized Frobenius Partition Functions, Combinatorics and Partitions Seminar, Penn State University, November 7, 2017

310. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Fall Meeting of the MD-DC-VA Section of the Mathematical Association of America, Christopher Newport University, November 18, 2017

311. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Juniata College, February 1, 2018

312. Primes and Perfect Numbers, Park Forest Middle School, February 21, 2018

313. Cool Results Involving Fibonacci Numbers and Compositions, Penn State University, Harrisburg, March 22, 2018

314. Cool Results Involving Fibonacci Numbers and Compositions, Clarion University, March 26, 2018

315. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series,

Slippery Rock University, March 26, 2018

316. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Cedarville University, March 27, 2018

317. Cool Results Involving Fibonacci Numbers and Compositions, Xavier University, March 28, 2018

318. Advising Mathematics Students Academically and Professionally, Spring Meeting of the Missouri NExT Program, Drury University, April 6, 2018

319. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Spring Meeting of the Missouri Section of the Mathematical Association of America, Drury University, April 6, 2018

320. Arithmetic Properties of *m*–ary Partitions (With and Without Gaps), Penn State CWC Mathematics Faculty Meeting, April 14, 2018

321. Tiling a *1 x n* Strip and Recurrent Sequences, State College High School, May 4, 2018

322. Extending Parity Results for Generalized Frobenius Partition Functions, Combinatory Analysis 2018: A Conference in Honor of George Andrews' 80th Birthday, June 21, 2018

323. Combinatorial Proofs of an Infinite Family of Weighted Fibonacci Identities, Penn State Math Club, August 27, 2018

324. Combinatorial Proofs of an Infinite Family of Weighted Fibonacci Identities, Juniata College, September 6, 2018

325. Arithmetic Properties of *k*-regular Partitions with Designated Summands, INTEGERS Conference, University of Augusta, October 3, 2018

326. Using Matrices to Prove Identities for Recurrent Sequences, Penn State Erie Math Club, November 7, 2018

327. Congruences for Overpartitions with Restricted Odd Differences, AMS Special Session on Partition Theory and Related Topics, Baltimore Joint Mathematics Meetings, January 19, 2019

328. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Utah Valley University, January 28, 2019

329. Personal Perspectives on *m*-ary Partitions, Mathematics Colloquium, Brigham Young University, January 29, 2019

330. Bijective Proofs of Partition Identities of MacMahon, Andrews, and Subbarao, Penn State Math Club, February 4, 2019

331. Cool Results Involving Fibonacci Numbers and Compositions, Columbia College (SC), February 12, 2019

332. Personal Perspectives on *m*-ary Partitions, Number Theory Seminar, University of South Carolina, February 12, 2019

333. Cool Results Involving Fibonacci Numbers and Compositions, University of South Carolina, February 12, 2019

334. Personal Perspectives on *m*-ary Partitions, Claremont Colleges Mathematics Colloquium, Harvey Mudd College, February 20, 2019

335. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Westmont College (CA), February 21, 2019

336. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Spring Meeting of the Golden Section of the Mathematical Association of America, American Institute of Mathematics, February 23, 2019

337. Congruences for the Fishburn Numbers, AMS Special Session on Experimental Mathematics in Number Theory, Analysis, and Combinatorics, AMS Spring Southeastern Sectional Meeting, Auburn University, March 15, 2019

338. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, New York City College of Technology, March 28, 2019

339. Combinatorial Proofs of an Infinite Family of Weighted Fibonacci Identities, Penn State CWC Mathematics Faculty Meeting, March 30, 2019

340. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Spring Meeting of the Michigan Section of the Mathematical Association of America, University of Detroit, Mercy, April 5, 2019

341. Mathematics Research With Undergraduates: Stories of Personal Success, Spring Meeting of the Southwestern Section of the Mathematical Association of America, Western New Mexico University, April 12, 2019

342. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Spring Meeting of the Southwestern Section of the Mathematical Association of America, Western New Mexico University, April 12, 2019

343. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part

Partitions, State College High School, April 26, 2019

344. Garden of Eden Partitions for Bulgarian and Austrian Solitaire, Invited Paper Session on The Serious Side of Recreational Mathematics, Cincinnati MathFest, August 1, 2019

345. Personal Perspectives on *m*-ary Partitions, Graduate Colloquium, University of Minnesota Duluth, October 10, 2019

346. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, University of Minnesota Duluth Math Club, October 10, 2019

347. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Fall Meeting of the North Central Section of the Mathematical Association of America, Concordia College, October 18, 2019

348. Cool Results Involving Fibonacci Numbers and Compositions, Fall Meeting of the Ohio Section of the Mathematical Association of America, Shawnee State University, October 25, 2019

349. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Fall Meeting of the Ohio Section of the Mathematical Association of America, Shawnee State University, October 26, 2019

350. Garden of Eden Partitions for Bulgarian and Austrian Solitaire, AMS Special Session on Partition Theory and Related Topics, AMS Fall Southeastern Sectional Meeting, University of Florida, November 2, 2019

351. Personal Perspectives on *m*-ary Partitions, Combinatorics Seminar, Michigan Technological University, January 30, 2020

352. Cool Results Involving Fibonacci Numbers and Compositions, Undergraduate Colloquium, University of Minnesota Duluth, February 20, 2020

353. Garden of Eden Partitions for Bulgarian and Austrian Solitaire, Combinatorial and Additive Number Theory (CANT) Conference, June 5, 2020

354. Relating the Crank of a Partition and Smallest Missing Parts, AMS Special Session *q*-Series and Related Areas in Combinatorics and Number Theory, AMS Fall Eastern Sectional Meeting, Penn State University, October 3, 2020

355. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Department Colloquium, Carleton College, October 20, 2020

356. Congruences for the Fishburn Numbers, New York Number Theory Seminar, CUNY Graduate Center, October 22, 2020

357. Garden of Eden Partitions for Bulgarian and Austrian Solitaire, Graduate Colloquium, University of Minnesota Duluth, November 19, 2020

358. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Spring Meeting of the Louisiana-Mississippi Section of the Mathematical Association of America, Delta State University, February 27, 2021

359. Cool Results Involving Fibonacci Numbers and Compositions, Department Colloquium, Loras College, March 5, 2021

360. Advising Mathematics Students Academically and Professionally, Spring Meeting of the Louisiana-Mississippi Section of the Mathematical Association of America, Delta State University, March 6, 2021

361. Relating the Crank of a Partition and Smallest Missing Parts, Spring Meeting of the North Central Section of the Mathematical Association of America, March 26, 2021

362. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Spring Meeting of the Indiana Section of the Mathematical Association of America, Indiana Wesleyan University, March 27, 2021

363. Sequentially Congruent Partitions and Partitions into Squares, Specialty Seminar in Partition Theory, q-Series and Related Topics, Michigan Technological University, April 1, 2021

364. On the Parity of the Number of Partitions with Odd Multiplicities, Combinatorics and Partitions Seminar, Penn State University, April 13, 2021

365. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Spring Meeting of the Wisconsin Section of the Mathematical Association of America, University of Wisconsin Stout, April 24, 2021

366. Sequentially Congruent Partitions and Partitions into Squares, Combinatorial and Additive Number Theory (CANT) Conference, May 25, 2021

367. Advising Mathematics Students Academically and Professionally, Spring Meeting of the Northeastern Section of the Mathematical Association of America, June 5, 2021

368. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Spring Meeting of the Northeastern Section of the Mathematical Association of America, June 5, 2021

369. Advising Mathematics Students Academically and Professionally, Fall Meeting of the Iowa Section of the Mathematical Association of America, October 8, 2021

370. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Fall Meeting of the Iowa Section of the Mathematical Association of America, October 9, 2021

371. Sequentially Congruent Partitions and Partitions into Squares, Fall Meeting of the North Central Section of the Mathematical Association of America, October 16, 2021

372. Sequentially Congruent Partitions and Partitions into Squares, Graduate Colloquium, University of Minnesota Duluth, October 21, 2021

373. Congruences for k-elongated Partition Diamonds, Specialty Seminar in Partition Theory, q-Series and Related Topics, Michigan Technological University, December 9, 2021

374. Congruences for k-elongated Partition Diamonds, Number Theory Seminar, University of Florida, February 22, 2022

375. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Undergraduate Colloquium, University of Minnesota Duluth, March 17, 2022

376. Advising Mathematics Students Academically and Professionally, Spring Meeting of the Illinois Section of the Mathematical Association of America, Millikin University, March 25, 2022

377. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Spring Meeting of the Illinois Section of the Mathematical Association of America, Millikin University, March 26, 2022

378. Garden of Eden Partitions for Bulgarian and Austrian Solitaire, Spring Meeting of the North Central Section of the Mathematical Association of America, April 2, 2022

379. Advising Mathematics Students Academically and Professionally, Spring Meeting of the Oklahoma-Arkansas Section of the Mathematical Association of America, Henderson State University, April 7, 2022

380. On Euler's Partition Theorem Relating Odd-Part Partitions and Distinct-Part Partitions, Spring Meeting of the Oklahoma-Arkansas Section of the Mathematical Association of America, Henderson State University, April 8, 2022

381. Relating the Crank of a Partition and Smallest Missing Parts, Combinatorial and Additive Number Theory (CANT) Conference, May 24, 2022

382. Congruences for k-elongated Partition Diamonds, Algorithmic and Enumerative Combinatorics Conference, Vienna, Austria, July 4, 2022

383. Elementary Proofs of Infinite Families of Congruences for Merca's Cubic Partitions, Specialty Seminar in Partition Theory, q-Series and Related Topics, Michigan Technological University, September 15, 2022

384. The Interplay Between the Crank and Mex Statistics for Integer Partitions, AMS Special Session on The Intersection of Number Theory and Combinatorics, AMS Fall Central Sectional Meeting, El Paso, TX, September 17, 2022

385. On the Parity of the Number of Partitions with Odd Multiplicities, Fall Meeting of the North Central Section of the Mathematical Association of America, University of North Dakota, October 15, 2022

386. Elementary Proofs of Infinite Families of Congruences for Merca's Cubic Partitions, Graduate Colloquium, University of Minnesota Duluth, November 10, 2022

387. Revisiting What Euler and the Bernoullis Knew About Convergent Infinite Series, Undergraduate Colloquium, University of Minnesota Duluth, January 26, 2023

388. Infinite Families of Infinite Series with Integer Sums, Spring Meeting of the North Central Section of the Mathematical Association of America, Winona State University, March 25, 2023

389. Combinatorics Meets Linear Algebra: Proving Fibonacci Number Identities Using 2×2 Matrices, University of Minnesota Duluth Math Club, April 18, 2023

390. The Interplay Between INTEGERS and Integer Partitions: A Personal Perspective, INTEGERS Conference, University of Georgia, May 17, 2023

391. An m-ary Partition Generalization of a Past Putnam Problem, GallianFest 2023: Number Theory and Combinatorics in Duluth, University of Minnesota Duluth, August 2, 2023

392. Infinite Families of Congruences Modulo Powers of 2 for Partitions into Odd Parts with Designated Summands, Specialty Seminar in Partition Theory, q-Series and Related Topics, Michigan Technological University, September 28, 2023

393. Finding (and Proving) New Infinite Families of Congruences Modulo Powers of 2 for 2-Regular Partitions with Designated Summands, AMS Special Session on Experimental Mathematics in Number Theory and Combinatorics, AMS Fall Southeastern Sectional Meeting, Mobile, AL, October 13, 2023

394. Surprising Connections Between Integer Partitions Statistics: The Crank,

Minimal Excludant, and Partition Fixed Points, Undergraduate Colloquium, University of Minnesota Duluth, November 2, 2023

395. Arithmetic Properties of *d*-fold Partition Diamonds, Specialty Seminar in Partition Theory, *q*-Series and Related Topics, Michigan Technological University, December 7, 2023

396. Elementary Proofs of Congruences for POND and PEND Partitions, AMS Special Session on Partitions and *q*-Series, Joint Mathematics Meetings, San Francisco, CA, January 4, 2024

397. An *m*-ary Partition Generalization of a Past Putnam Problem, Undergraduate Colloquium, University of Minnesota Duluth, February 1, 2024

398. Surprising Connections Between Integer Partitions Statistics: The Crank, Minimal Excludant, and Partition Fixed Points, New York Number Theory Seminar, March 7, 2024

399. Surprising Connections Between Integer Partitions Statistics: The Crank, Minimal Excludant, and Partition Fixed Points, Research Seminar on Partitions and *q*-Series for Early Career Mathematicians from India, March 14, 2024

400. Combinatorial Proofs of an Infinite Family of Weighted Fibonacci Identities, University of Minnesota Duluth Math Club, March 28, 2024

401. Elementary Proofs of Congruences for POND and PEND Partitions, Spring Meeting of the North Central Section of the Mathematical Association of America, University of St. Thomas, April 6, 2024

402. Elementary Proofs of Congruences for POND and PEND Partitions, Combinatorial and Additive Number Theory (CANT) Conference, May 22, 2024

403. Congruences for *k*-elongated Partition Diamonds, The Legacy of Ramanujan: Celebrating the 85th Birthdays of George Andrews and Bruce Berndt, Penn State University, June 6, 2024

404. A New View of Odd-Part Partitions with Designated Summands, AMS Special Session on Additive Number Theory and Modular Forms, AMS Fall Central Sectional Meeting, San Antonio, TX, September 14, 2024

405. An Unexpected Connection Between Binomial Coefficients and Consecutive-Leg Pythagorean Triples, Undergraduate Colloquium, University of Minnesota Duluth, October 3, 2024

406. Arithmetic Properties of *d*-fold Partition Diamonds, Number Theory Seminar, University of Minnesota Duluth, October 10, 2024

407. Elementary Proofs of Two Congruences for Partitions with Odd Parts Repeated at Most Twice, Graduate Colloquium, University of Minnesota Duluth, October 11, 2024

408. A New View of Odd-Part Partitions with Designated Summands, Specialty Seminar in Partition Theory, q-Series and Related Topics, Michigan Technological University, November 21, 2024

409. Partitions into Odd Parts with Designated Summands, Graduate Colloquium, University of Minnesota Duluth, January 29, 2025

410. Partitions into Odd Parts with Designated Summands, Seminar Series: Topics in Special Functions and Number Theory, India, February 20, 2025

411. Elementary Proofs of Two Congruences for Partitions with Odd Parts Repeated at Most Twice, Specialty Seminar in Partition Theory, q-Series and Related Topics, Michigan Technological University, February 27, 2025

412. Garden of Eden Partitions for Bulgarian and Austrian Solitaire, Budapest Semesters in Mathematics Colloquium, March 6, 2025

413. On the Unexpected Connections in the Arithmetic Properties of POND and PEND Partitions, Institute for Analysis and Number Theory, TU Graz, March 14, 2025

414. Surprising Connections Between Integer Partitions Statistics: The Crank, Minimal Excludant, and Partition Fixed Points, Workshop on Enumerative and Analytic Combinatorics (TU Graz and Klagenfurt University), March 17, 2025

415. Arithmetic Properties of d-fold Partition Diamonds, New York Number Theory Seminar, March 20, 2025

416. On the Unexpected Connections in the Arithmetic Properties of POND and PEND Partitions, Research Institute for Symbolic Computation (RISC), Linz, Austria, April 9, 2025

417. On the Unexpected Connections in the Arithmetic Properties of POND and PEND Partitions, Arbeitsgemeinschaft Diskrete Mathematik, Technical University of Vienna, Austria, April 15, 2025

418. Extending Congruences for Overpartitions with l-Regular Non-Overlined Parts, Combinatorial and Additive Number Theory (CANT) Conference, May 21, 2025

419. Arithmetic Properties of d-fold Partition Diamonds, Number Theory Section, Annual Joint Meeting of the Österreichische Mathematische Gesellschaft (ÖMG)

and the Deutsche Mathematiker-Vereinigung (DMV), Johannes Kepler University, Linz, Austria, September 1, 2025

CONFERENCES ORGANIZED

- MAA Ohio Section Short Course, Proofs and Confirmations: the Story of the Alternating Sign Matrix Conjecture, David Bressoud, Cedarville University, Summer 2000
- Celebrating George Andrews' Election to the National Academy of Sciences and his 65th Birthday (GANAS), Penn State University, April 1, 2004 (co-organized with Dale Brownawell)
- Conference on Undergraduate Research in Mathematics, Penn State University, November 9-10, 2007 (co-organized with Diane Henderson)
- A Celebration of George Andrews' 70th Birthday, Penn State University, December 5-7, 2008 (co-organized with Krishna Alladi (University of Florida), Peter Paule (Johannes Kepler University and Research Institute for Symbolic Computation (RISC), Linz, Austria), and Ae Ja Yee (Penn State University))
- Conference on Undergraduate Research in Mathematics, Penn State University, November 20-21, 2009 (co-organized with Diane Henderson)
- Conference on Undergraduate Research in Mathematics, Penn State University, November 4-5, 2011 (co-organized with Diane Henderson)
- A Celebration of George Andrews' 75th Birthday, Center for Combinatorics, Nankai, China, August 2013, (co-organized with Krishna Alladi (University of Florida), Peter Paule (Johannes Kepler University and Research Institute for Symbolic Computation (RISC), Linz, Austria), and Ae Ja Yee (Penn State University))
- Combinatory Analysis 2018: A Celebration of George Andrews' 80th Birthday, Penn State University, June 21-24, 2018 (co-organized with Krishna Alladi (University of Florida), Bruce Berndt (University of Illinois at Urbana-Champaign), Peter Paule (Johannes Kepler University and Research Institute for Symbolic Computation (RISC), Linz, Austria), and Ae Ja Yee (Penn State University))
- MAA North Central Section Fall 2023 Meeting, University of Minnesota Duluth, September 22-23, 2023 (served as chair of the Local Organizing Committee; other members of the committee included Laura Carr, Diana Colt, Marshall Hampton, Harsh Jain, and Zhuangyi Liu)
- The Legacy of Ramanujan: Celebrating the 85th Birthdays of George Andrews and Bruce Berndt, Penn State University, June 6-9, 2024 (co-organized with Amita Malik (Penn State University), Drew Sills (Georgia Southern University), and Ae Ja Yee (Penn State University))
- MCCCC35: Midwestern Conference on Combinatorics and Combinatorial Computing, University of Minnesota Duluth, October 18-20, 2024 (co-organized with Bryan Freyberg and Dalibor Froncek, University of Minnesota Duluth)

PANELS/SPECIAL SESSIONS ORGANIZED

- Organizer of Invited Paper Session entitled Ramanujan's Impact on Number Theory – Then and Now, MathFest 2008, Madison, WI

- Co-Organizer (with Michael Starbird) of Panel Discussion entitled First-Year Courses Designed to Attract Students to the Serious Study of Mathematics, MathFest 2008, Madison, WI
- Co-Organizer (with Robert Rogers) of Panel Discussion entitled Mathematics Outreach Programs for Pre-College Students, MathFest 2009, Portland, OR
- Co-Organizer (with David Little and Ae Ja Yee) of Special Session entitled *q*-Series and Related Areas in Enumerative Combinatorics and Number Theory, 2009 Fall Eastern Section Meeting of the American Mathematical Society, Penn State University
- Organizer of Invited Paper Session entitled Visualizing Combinatorics Through Tilings, MathFest 2010, Pittsburgh, PA
- Co-Organizer (with Madeline Dawsey and Marie Jameson) of Special Session entitled Partition Theory and *q*-Series, Joint Mathematics Meetings 2020, Denver, CO

CONSULTING

- In-service presenter for high school mathematics departments at Bald Eagle Area School District (2004–2007) and State College Area High School (2009)
- Pennsylvania Department of Education, December 2004; December 2005 – January 2006
- Lock Haven University Department of Mathematics, External Reviewer for 5-Year Review, 2007
- United States Naval Academy Department of Mathematics, External Reviewer, 2009
- Gordon College Department of Mathematics, External Reviewer, 2010
- West Liberty University Department of Mathematics, External Reviewer, 2011
- Shepherd University Department of Mathematics, External Reviewer, 2014
- Indiana University of Pennsylvania Department of Mathematics, External Reviewer, 2015

SERVICE TO THE MATHEMATICAL ASSOCIATION OF AMERICA

- Chair, CONTEAC (Committee on Teacher Certification) for the Ohio Section of the Mathematical Association of America, 1997–1998
- Member, CONSTUM (Committee on Student Members) for the Ohio Section of the Mathematical Association of America, 1998–2001
- Chair, CONSTUM (Committee on Student Members) for the Ohio Section of the Mathematical Association of America, 2000–2001
- Director of E–Communications (webmaster) for the MAA Allegheny Mountain Section, August 2002–2010
- Member, MAA Committee on Electronic Services, 2002–2004
- Member, MAA Committee on Website Policy and Procedures, 2004–2008
- Member, MAA Committee on the Undergraduate Program in Mathematics, 2007–2013
- Governor of the Allegheny Mountain Section, 2008–2011
- Member, Ad Hoc AMS-MAA Steering Committee on Computer-Based Homework

Systems, 2008–2010
- Member, AMS-MAA Committee on Teaching Assistants and Part-Time Instructors, 2010–2013
- Chair, MAA Committee on Invited Paper Sessions, 2010–2016
- Member, Hedrick Lecturer Selection Committee, 2012–2017
- Chair, Hedrick Lecturer Selection Committee, 2017–2018
- Chair–Elect of the MAA Allegheny Mountain Section, 2014–2015
- Chair of the Allegheny Mountain Section, 2015–2017
- Past Chair of the Allegheny Mountain Section, 2017–2018
- Member, Editorial Board, MAA FOCUS, 2016–2022
- Chair, Search Committee for Associate Secretary, 2017
- Secretary–Elect of the MAA, 2017
- Secretary of the MAA, 2018–2022
- Information Officer (webmaster) for the MAA North Central Section, July 2022–2025
- Member, Search Committee for Executive Director, 2025

REFEREE DUTIES

Refereed one or more papers for several journals including Acta Arithmetica, American Mathematical Monthly, Annales des Sciences Mathématiques du Québec, Annals of Combinatorics, Ars Combinatoria, Australasian Journal of Combinatorics, Boletín de la Sociedad Matemática Mexicana, Bulletin of the Australian Mathematical Society, College Mathematics Journal, Communications of the Korean Mathematical Society, Discrete Applied Mathematics, Discrete Mathematics, Electronic Journal of Combinatorics, European Journal of Combinatorics, Fibonacci Quarterly, Functiones et Approximatio: Commentarii Mathematici, INTEGERS: The Electronic Journal of Combinatorial Number Theory, International Journal of Mathematics and Mathematical Sciences, International Journal of Number Theory, Journal of Analysis, Journal of Combinatorial Theory Series A, Journal of Integer Sequences, Journal of Number Theory, Journal of Physics A: Mathematical and General, Mathematical Biosciences, Mathematics and Computer Education, Mathematics Magazine, Monatshefte für Mathematik, Quaestiones Mathematicae, Ramanujan Journal, Results in Mathematics, Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas (RACSAM), Rocky Mountain Journal of Mathematics, South East Asian Journal of Mathematics and Mathematical Sciences, Tamsui Oxford Journal of Mathematical Sciences, and Utilitas Math

RESEARCH ADVISING ACTIVITIES

Member, Graduate Faculty, Penn State University, 2003–2019

- Co-advisor for Brandt Kronholm, M.A. (2004), Penn State University (co–advised with George Andrews). Thesis title: Congruence properties of $p(n,m)$
- External Thesis Reviewer, appointed by the University of Lagos, Nigeria, for Augustine Munagi, Ph.D. (2005)

- External Thesis Reviewer, appointed by Johannes Kepler University, Linz, Austria, for Silviu Radu, Ph.D. (2010)

- Committee Member for each of the following:

    - Michael Rowell, Ph.D. (2007)
    - John Ethier, Ph.D. (2008)
    - Shishuo Fu, Ph.D. (2011)
    - Heiko Todt, Ph.D. (2011)
    - Serge Ballif, Ph.D. (2012)
    - Rebekah Gilbert, M.A. (2012)
    - Matthew Katz, Ph.D. (2013)
    - Daniel Droz, Ph.D. (2016)
    - Donny Passary, Ph.D. (2019)

Member, Graduate Faculty, University of Minnesota Duluth, 2019–present

- External Thesis Reviewer, appointed by the University of Witwatersrand, South Africa, for Beaullah Mugwangwavari, Ph.D. (2023)

- Advisor for each of the following:

    - Fares Soufan, M.S. (2022)
    - Kyle Eckland, M.S. (2024)
    - Abigail Kartheiser, M.S. (2024)
    - Daniel Chacón, M.S. (2026, in progress)

- Committee Member for each of the following:

    - Blake Mattson, M.S. (2022)

Undergraduate Research Advisor, University of Minnesota Duluth, 2023–present

- UROP Advisor for each of the following:

    - Aidan Carlson (2023)

Last updated May 9, 2025