

**CURRICULUM VITA**  
**3-24-2024**

BHARATH SRIRAMAN  
Dept. of Mathematical Sciences  
University of Montana-Missoula, MT, 59812  
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Citizenship: USA

**Research Areas**

*Creativity; Interdisciplinarity (Math-Art-Science); International Mathematics Education; History and Philosophy of Mathematics*

**Education**

- o Ph.D in Mathematical Sciences, Northern Illinois University, May 2002.
- o M.S in Math, Northern Illinois University, August 1999.
- o B.S in Math (emphasis on pure mathematics), University of Alaska, Fairbanks, December 1995
- o Montana Educators License [Class 2, Endorsement: Mathematics], 2004 -current
- o Illinois Type 09 (Grades 6-12) certification in mathematics: 2000-2004.
- o Gifted Coordinator Certification by Illinois State Board of Education.

**Professional Experience**

1. Full Professor, 2009-
2. Associate Professor, University of Montana -Mathematical Sciences, 2006- 2008
3. Faculty of Dept. of Central and South West Asia Studies, University of Montana, 2007-
4. Assistant Professor, University of Montana-Mathematical Sciences, 2002 - 2005.
5. Coordinator of Gifted Education, Ottawa Township High School District 140, Ottawa, IL. 2001 - 2002.
6. Mathematics Teacher, Ottawa Township High School, Ottawa, IL. 2000- 2002  
(Experimentally implemented the Core-Plus Mathematics Curriculum from Western Michigan University)
7. Student Teacher, Huntley Middle School, DeKalb, IL. Jan- April 2000.
8. Graduate Teaching Assistant, Northern Illinois University. 1996 - 2000.

### Visiting Professorships

- University of Duisburg-Essen, Germany; Jan 2005
- Queensland University of Technology, Australia, July 2005
- University of Hamburg, December/January 2006
- University of Southern Denmark, January 2006
- University of Cyprus, February 2006
- University of Moncton, New Brunswick, April 2006
- University of Athens and University of Cyprus; August 2006
- Iceland Univ. of Education, October 2006
- University of Hamburg, January 2007
- University of Iceland, March 2007
- University of Cyprus, April 2007
- University of Iceland Feb 2008 [one week, data collection in Northern Iceland]
- Gazi University, Ankara, Turkey, June 2007
- Queensland University of Technology, Australia, April 2008 [one week]
- University of Cyprus, May 2008
- Gazi University, Ankara, Turkey, July 2008
- Gazi University, Ankara, Turkey May/June 2009
- Iran University of Science and Technology August 2009
- University of Duisburg-Essen, September 2009
- University of Agder, Norway October 2009
- University of Tromso, Norway January-February 2010
- Linköping University, Sweden [March 2010; as Dissertation opponent]
- Umea University, Sweden, [one week- March 2010]
- University of Aarhus, Denmark March 2010
- University of Agder, Norway May 2010
- University of Stavanger, Norway May 2010
- University of Agder, October 2010
- University of Oslo, October 2010
- Seoul National University, November 2010
- University of Saskatchewan, January 2011
- University of Iceland, May 2011
- University of Tromso, Norway November 2011
- Universidad Nacional del Nordeste, Corrientes, Argentina, April 2012
- University Sainsi- Penang, Malaysia, December 2012
- University of Iceland, March 2013
- Karadeniz Technical University, Trabzon- Turkey, June 2013
- Ahi Evran Üniversitesi, Kirshehir- Turkey, June-July 2013
- University of the Western Cape, South Africa, Sept. 2013
- University of Tromso, Norway, December 2013
- University of Iceland, March 2014
- University of Duisburg-Essen, Germany, June 2014
- University of Iceland, November 2014 (1 week)
- University of Iceland, May 2015 (1 week)
- Universidad Antonio Narino, Colombia (February 2015; June 2015 as Fulbright Specialist)

- University of Haifa, Israel (June/July 2015)
- University of Iceland (March 2016) (1 week)
- University of Saskatchewan (June 2016) John Ranton McIntosh Visiting Scholar
- University Sains Malaysia (January 2017)
- University of Iceland (February 2017)
- University of Tromso, Norway (June 2017 as Fulbright Specialist)
- Stockholm University, Sweden (November 2017; as Dissertation Opponent)
- Seoul National University, South Korea (January 2018, 1 week).
- University of Tromso, Norway (June 2018)
- University of Tromso, Norway (August 2018)
- University of Tromso, Norway (November 2018)
- University of Saskatchewan (Jan30-Feb2, 2019) John Ranton McIntosh Visiting Scholar
- University of Tromso, Norway (June 2019)
- University of Tromso, Norway (September 2019)
- University of Tromso, Norway (February 2020)
- University of Tromso, Norway, 2020-22 (Professor 2)
- Center for the Promotion of Science (CPN), Serbia (May 2020) – to ?
- Vanderbilt University (November 2021)
- University of Iceland (May 2022)
- Karlstad University, Sweden, June 2022
- University of Tromso, Norway, June 2022
- Tata Institute of Fundamental Research, Mumbai India (Jan 2023- Guest of Prof. Shrikrishna Dani)
- University of Iceland (March 2023)
- Ahi Evran Üniversitesi, Kirshehir- Turkey (May 2023)
- University of Tromso, Norway, Sept 2023
- University of Tromso, Norway, April 2024

### **Professional Recognition and Awards**

1. Dissertation Completion Fellowship Award. Northern Illinois University, 2001-2002.
2. National Association of Gifted Children (NAGC) Research and Evaluation 2002 Distinguished Brief of the Year Award.
3. Pacific Northwest NEXT Fellowship. Mathematical Association of America, 2002-2003.
4. Merlyn Behr Research Award for outstanding research in mathematics education. Northern Illinois University, 2002.
5. Founding Editor of The Mathematics Enthusiast [ISSN 1551-3440], June 2003-
6. Nominated for the 2006 NAGC Early Scholar Award
7. Note on the NAGC Early Scholar Award: A nationally recognized award given by the National Association for Gifted Children to an individual who has “made significant scholarly contributions in conducting and reporting research regarding the education of gifted and talented individuals.”  
Nominated for the 2007 NAGC Early Scholar Award [by Michael Pyryt, Univ of Calgary and Don Ambrose, Rider University]
8. 2007 School Science and Mathematics Education Outstanding Early Scholar Award.
9. Advisory Board of Jim Kaput Center for Excellence and Innovation in Mathematics Education, University of Massachusetts- Dartmouth, 2007-
10. Founding Editor, The Montana Mathematics Enthusiast: Monograph Series in Mathematics Education. Information Age Publishing, 2007-

11. Founding Co-Editor of Book Series , Advances in Mathematics Education, Springer Science, 2008-
12. Nominated for the 2008 Distinguished Scholar Award, University of Montana
13. Appointed to Editorial Board of The Encyclopedia of Giftedness, Creativity and Talent, Sage Publishers, 2008
14. Series Editor Cognition, Equity and Society, Information Age Publishing, 2008-
15. Featured Faculty in the 2008 UM President's Report Standing Out
16. Recipient of the College of Arts and Sciences Golden Anniversary Alumni Award (Northern Illinois University) - given to 50 Outstanding Alumni in the last 50 years [this award honors individuals who have achieved, or are in the process of achieving, prominence either in their professional fields or through their involvement in civic, cultural, or charitable service.]
17. Awarded Sabbatical and Faculty Exchange [Fall2009 and Spring 2010]
18. Nominated for the 2010 George M. Dennison Presidential Faculty Award for Distinguished Service
19. Nominated for the 2010 Distinguished Scholar Award, University of Montana
20. Founding Editor of Advances in Creativity and Giftedness, Sense Publishers-Rotterdam.
21. Editorial Board of The Encyclopedia of Mathematics Education, Springer Science, 2011
22. Nominated for the 2012 Distinguished Scholar Award, University of Montana
23. Nominated for the International Mathematical Union's Leelavati Prize [sponsored by Infosys], August 2012
24. Appointed to International Scientific Committee of 16th International Conference on the Teaching of Mathematical Modelling and Applications (ICTMA16), Blumenau - Brazil, 2013.
25. Founding Editor, Advances in Innovation Education, Sense Publishers-Rotterdam, 2013-
26. Founding Editor, International Sourcebooks in Mathematics and Science Education, Information Age Publishing, Charlotte, NC, 2013-
27. Nomination for 2013 Distinguished Service to International Education Award. University of Montana
28. Featured in Roeper Review, vol. 36.no.2: Prolific Interdisciplinary Investigator- An Interview with Bharath Sriraman
29. Nominated for 2014 Distinguished Scholar Award, University of Montana
30. Nominated for 2015 Distinguished Scholar Award, University of Montana
31. Fulbright Specialist in International Mathematics Education (Universidad Antonio Narino, Colombia June 2015)
32. Founding Co-editor of Series: Creativity Theory and Action in Education (Springer Science), 2015-
33. Symposium: Mathematical Creativity - Musings from the Past Decade. Kaput Center for Research and Innovation in STEM Education; UMass- Dartmouth, Oct, 2015; held on my research/writings on creativity.
34. Recipient of 2016 Distinguished Scholar Award, University of Montana
35. Fulbright Specialist in International Mathematics Education (University of Tromso, Norway - June 2017).
36. Advisory Board of Sammenheng gjennom Undersøkende Matematikkundervisning (Coherence through inquiry based mathematics teaching), a project funded by the Norwegian Research Council, 2017-2021

### **Editorial Affiliations**

1. Founding Editor- The Mathematics Enthusiast, 2003-
2. Associate Editor- Mathematical Thinking and Learning Taylor and Francis, 2008-2015
3. Book Reviews Editor- Mathematical Thinking and Learning, 2005-2008
4. Editorial Board- ZDM: The International Journal on Mathematics Education, Springer, 2005-
5. Book Reviews Editor- ZDM: The International Journal on Mathematics Education, 2006-2009
6. Consulting Editor- Interchange: A Quarterly Review of Education" Springer, 2006-
7. Editorial Advisory Board- Roeper Review, Taylor and Francis, 2009-
8. Editorial Board- Psychology of Popular Media, American Psychological Association, 2012-
9. Editorial Board- Far East Journal of Mathematical Education, Puspha Publishers (India), 2009-2017
10. Editorial Board- High Ability Studies, Taylor and Francis, 2008-
11. Editorial Board - Journal of Advanced Academics, SAGE Publications, 2008- 2017
12. Editorial Board- Journal of Secondary Gifted Education, 2005-2008.
13. Editorial Board - Gifted Child Quarterly", SAGE Publications, 2007-
14. Editorial Board- The Mathematics Educator (Singapore), 2008-
15. Editorial Board- Journal of Educational Thought- University of Calgary Press, 2008-
16. Editorial Board- Mediterranean Journal for Research in Mathematics Education –Cyprus Mathematical Society Press, 2005-2017
17. Editorial Board- International Electronic Journal of Mathematics Education, 2007-2014
18. Editorial Board- Mathematics Education in the Digital Era, Springer Science, 2013-
19. Editorial Board- Early Mathematics Learning and Development, Springer Science, 2013-
20. Editorial Board, Journal of Creative Behavior, 2014-
21. Editorial Board, Thinking Skills and Creativity, 2015-
22. Editorial Board, Social Sciences and Humanities Open, 2019-2022
23. Editorial Board, Gifted Education International. Sage Publishers, 2021-

### **Affiliations**

Senior Scientist, James Kaput Center for Research and Innovation in Mathematics Education, University of Massachusetts- Dartmouth, 2010-

### **LEADERSHIP/ORGANIZATIONAL ROLE IN RESEARCH SYMPOSIA AND FORUMS**

1. Co-organizer of 1st International Symposium of Mathematics and its Connections to the Arts and Sciences (MACAS1), held at the University of Education, Schwaebisch Gmuend, Germany, May 2005.
2. Co-Organizer of Research Forum (with Lyn English): Theories of Mathematics Education at the 29th Annual meeting of the International Group of Psychology of Mathematics Education. Melbourne, Australia, July 10-15, 2005.
3. Co-organizer of the Working Group on Modeling and Applications at the 5th Congress of the European Society for Research in Mathematics Education (CERME5), Larnaca, Cyprus Feb 21-27, 2007.

4. Co-organizer of the 2nd International Symposium of Mathematics and its Connections to the Arts and Sciences, held at the University of Southern Denmark, Odense, [May 2007]
5. Organizer of Symposium "Mathematics/science pedagogy and its connections to science/math and the arts" 9th International History, Philosophy and Science Teaching Group (IHPST) 2007, University of Calgary, June 2007.
6. Co-organizer of Working Group on Data modeling at 13th International Community on Teaching Modeling & Applications (ICTMA 13).Bloomington, Indiana, July 22-26, 2007.
7. Participated in the 2007 Oberwolfach Symposium on Professional Development of Mathematics Teachers: Research and Practice from an International Perspective November11-17, 2007, Oberwolfach, Germany
8. Co-organizer of 3rd International Symposium of Mathematics and its Connections to the Arts and Sciences, to be held at the University of Moncton, NB, Canada [May 2009] Symposium funded through SSHRC- Canada Grant [co-applicant with Viktor Freiman ]
9. Co-organizer (with Kyeong-Hwa, Lee) Special Sessions on Creativity and Talent development in Mathematics. Joint Korea and American Mathematical Society meeting, Seoul Korea, Dec 16-20, 2009.
10. Co-organizer ((with K. Hoehsmann, PIMS; S. Friessen,, U- Calgary; G. Toerner, Univ of Duisburg Essen, Germany) of joint PIMS/DMV meeting at Banff International Research Center (Canada) Workshop on Teachers as Stakeholders in Mathematics Education Research (MER) December 2010
11. Co-organizer of Working Group on Exploring creativity: From the mathematics classroom to the mathematicians' mind, 37th Annual Meeting of Canadian Mathematics Education Study Group, Brock University May 24-28, 2013.
12. Co-organizer (with A. Fyhn) Creativity and giftedness in mathematics education Symposium, University of Tromso, Norway: December 18-19, 2013
13. Co-organizer (with A. Fyhn) Sami Mathematics in Kautokeino Secondary Schools Symposium, University of Tromso, Norway: March 17-19,2014
14. Participant in Workshop on Mathematical Curiosity, Israeli Science Foundation/University of Haifa, July 22-26, 2023

#### **Solicitations for PROFESSORSHIPS**

- Thomas James Distinguished Professor of Experiential Learning, The University of North Carolina- Chapel Hill, 2011.
- Wyoming Endowed Chair in Mathematics Education, University of Wyoming, 2009.
- SUNY Buffalo- 2008
- The University of Iowa- 2006

**RESEARCH**

Google Scholar Link <http://scholar.google.com/citations?user=YnPG9YoAAAAJ&hl=en>

ORCID Link <https://orcid.org/0000-0002-3875-7207>

**A. BOOKS**

More information at <https://www.amazon.com/BharathSriraman/e/B005YQDATS>

2005

1. Sriraman, B (with Astrid Beckmann and Claus Michelsen). (Editors) Proceedings of The First International Symposium of Mathematics and its Connections to the Arts and Sciences 19th -21st May 2005, Schwäbisch Gmünd, Germany. Franzbecker Verlag: Hildesheim, Berlin

2007

2. Sriraman, B. (Editor) (2007). International Perspectives on Social Justice in Mathematics Education. Monograph 1 of The Montana Mathematics Enthusiast, January 2007: University of Montana Press, 185 pages. Also published as
  - a. Sriraman, B. (Editor) (2008). International Perspectives on Social Justice in Mathematics Education. A monograph in The Montana Mathematics Monograph Series in Mathematics Education. Information Age Publishing.
3. Sriraman, B. (Editor) (2007). Zoltan Paul Dienes and the Dynamics of Mathematical Learning. Monograph 2 of The Montana Mathematics Enthusiast, September 2007: University of Montana Press.
4. Sriraman, B. (Editor) (2007). Festschrift in Honor of Guenter Toerner's 60th birthday. Monograph 3 of The Montana Mathematics Enthusiast, September 2007: University of Montana Press. Also published as:
  - a. Sriraman, B. (Editor) (2008). Beliefs and Mathematics. A monograph in The Montana Mathematics Monograph Series in Mathematics Education. Information Age Publishing.

2008

5. Sriraman, B. (Editor). (2008). Mathematics Education and the legacy of Zoltan Paul Dienes. Information Age Publishing, Charlotte, NC.
6. Sriraman, B. (Editor) (2008). Creativity, Giftedness and Talent Development in Mathematics. Information Age Publishing.
7. Sriraman, B., Michelsen, C., Beckmann, A., & Freiman, V. (Editors) (2008). Proceedings of The Second International Symposium of Mathematics and its Connections to the Arts and Sciences (MACAS2), Odense, Denmark 29-31, May 2007, University of Southern Denmark Press

Also published as

- a. Sriraman, B., Michelsen, C., Beckmann, A., & Freiman, V. (2008). (Eds). Interdisciplinary Educational Research in Mathematics and its connections to the Arts and Sciences. Information Age Publishing.
8. Sriraman, B (Associate Editor) (2008). The Handbook of International Research in Mathematics Education (2nd edition). Routledge, Taylor & Francis

2009

9. P. Ernest, B. Greer, B. Sriraman (Eds) (2009) *Critical Issues in Mathematics Education*. Information Age Publishing, Charlotte, NC.
10. B. Sriraman, V. Freiman, N. Lirette-Pitre (2009) *Interdisciplinarity, Creativity and Learning: Mathematics with Literature, Paradoxes, History, Technology and Modeling*.
11. B. Sriraman & S. Goodchild (Eds) (2009). *Relatively and Philosophically Earnest: Festschrift in honor of Paul Ernest's 65th Birthday*. Information Age Publishing. This book has a review published in *Science and Education*.

2010

12. Sriraman, B., & English, L. (Eds), *Theories of Mathematics Education: Seeking New Frontiers*, Springer Science & Business. [This is the first graduate level textbook written in dialogic form in the field of mathematics education, and extensively reviewed].
13. Sriraman, B., Bergsten, C., Goodchild, S., Palsdottir, G., et al. (Eds), (2010). *The First Sourcebook on Nordic Research in Mathematics Education*. Information Age Publishing
14. Sriraman, B., & Freiman, V. (Eds) (2010) *Interdisciplinarity for the 21st Century: Proceedings of Third International Symposium on Mathematics and its Connections to the Arts and Sciences*. Moncton, Canada 2009.

2011

15. B. Sriraman & K. Lee (Eds) (2011). *The Elements of Creativity and Giftedness in Mathematics*. Sense Publishers, The Netherlands
16. D. Ambrose., R. Sternberg., B. Sriraman (2011) . *Confronting Dogmatism in Gifted Education*. Routledge, Taylor & Francis.

2012

17. B. Sriraman (2012). *Crossroads in the History of Mathematics and Mathematics Education*. Information Age Publishing, Charlotte, NC.
18. L. Jacobsen., J. Mistele., B. Sriraman (Eds) (2012). *Mathematics Teacher Education in the Public Interest*. Information Age Publishing, Charlotte, NC.
19. Sriraman, B. et al., (2012) . *Abstracts of the First Sourcebook on Asian Research in Mathematics Education: China, Korea, Singapore, Japan, Malaysia and India*. Information Age Publishing, Charlotte, NC. ISBN 978-1-61735-825-8

2013

20. K. Kim; J.C. Kaufman; J. Baer; B. Sriraman (2013). *Creatively Gifted Students Are Not Like Other Gifted Students: Research, Theory, and Practice*. Sense Publishers, The Netherlands.
21. Sriraman, B., Ambrose, D., Cross, T. (2013). *The Roeper School - A Model for Holistic Talent Development*. Sense Publishers, The Netherlands.

2014

22. Chernoff, E.J & Sriraman, B. (2014) *Probabilistic Thinking: Presenting Plural Perspectives* . Springer Science & Business, Berlin/Heidelberg. 704 pp.



23. Ambrose, D., Sriraman, B., Pierce, K. (2014). *Complexity and Creativity: Deconstructing Cliches*. Sense Publishers, Rotterdam.
- 2015
24. Sriraman, B., Cai, J., Lee, K., et al (2015). *The First Sourcebook on Asian Research in Mathematics Education: China, Korea, Japan, Singapore, Malaysia and India*. Information Age Publishing, Charlotte, NC. 1782 pages  
[This anthology is the first of its kind with sections showcasing the history of mathematics education, its development, the current state of the art along with chapters that address curricula and policy in these Asian countries.]
25. Huaman-Sumida, L., & Sriraman, B. (2015). *Indigenous innovations: Universalities and peculiarities*. Sense Publishers, Rotterdam.
26. Christer, B., & Sriraman, B. (2015) (Eds). *Refractions of Mathematics Education*. Information Age Publishing, Charlotte, NC.
- 2016
27. Ernest, P., Sriraman, B., Ernest, N. (2016). *Critical Mathematics Education: Theory, Praxis and Reality*. Information Age Publishing, Charlotte, NC.
- 2017
28. Leikin, R., & Sriraman, B. (2017). *Creativity and Giftedness: Interdisciplinary Perspectives from Mathematics and Beyond*. Springer Switzerland.
29. Beghetto, R., & Sriraman, B. (2017). *Creative Contradictions in Education: Cross Disciplinary Paradoxes and Perspectives*. Springer Switzerland.
30. Sriraman, B. (Ed). (2017). *Humanizing Mathematics and its Philosophy: Essays celebrating the 90<sup>th</sup> birthday of Reuben Hersh*. Birkhauser, Switzerland.
- 2019
31. Chamberlin, S., & Sriraman, B. (2019). (Eds). *Affect in Mathematical Modeling. Advances in Mathematics Education*. Springer Berlin.
32. Lim, C, Chew, C.M, Sriraman, B. (2019). (Eds). *Mathematics Education from An Asian Perspective* USM Press, Penang Malaysia.
33. Chernoff, E., Russell, G., Sriraman, B. (2019) (Eds). *Selected Writings from the Journal of the Saskatchewan Mathematics Teachers' Society: Celebrating 50 years (1961-2011) of Vinculum*. Montana Mathematics Enthusiast Monograph #16. Information Age Publishing.
- 2021
34. Sriraman, B. (2021). *Handbook of the Mathematics of the Arts and Sciences*. Springer Major Reference Works. 3 volumes, 2854 pages.
- 2024
35. Sriraman, B. (2024). *Handbook of the History and Philosophy of Mathematical Practice*. Springer Major Reference Works. 4 volumes, 3290 pages  
*The purpose of this unique Handbook is to unfold the transformation of the philosophy of mathematics from its origins in the history of mathematical practice. In order to do so, chapters will describe different mathematical practices in different time periods of history and contrast it with the development of philosophy. The contributions will include scholars from other disciplines who have contributed to the richness of perspectives that abound the study of philosophy today. The 14 sections of this Handbook aim to synthesize what is known, and what has unfolded but also offer directions*

*in which the study of philosophy of mathematics as evident in increasingly diverse mathematical practices is headed. Different sections of the Handbook will offer insights into the origins, debates, methodologies and newer perspectives that characterize the discipline today. This Handbook is curated by an editorial advisory board and section editors consisting of leading scholars from the disciplines of mathematics, history and philosophy. The Handbook is dedicated to Reuben Hersh, Yuri Manin and Chandler Davis.*

2027

36. Sriraman, B. (2027). Handbook of Visual, Experimental and Computational Mathematics: Bridges through Data. In progress

B. Journal articles , Book Chapters and Proceedings (Refereed)

2002

37. Sriraman, B (2002). How do mathematically gifted students abstract and generalize mathematical concepts. NAGC 2002 Research Briefs, Vol. 16, pp.83-87. [awarded the Distinguished NAGC 2002 Brief of the Year ]
38. Sriraman, B (2002). Generalization processes in combinatorial problem solving situations. Proceedings of XXIV Annual meeting of the Psychology of Mathematics Education- North America.Vol.3, pp.1411-1414.

2003

39. Sriraman, B (2003). Mathematical giftedness, problem solving, and the ability to formulate generalizations. The Journal of Secondary Gifted Education, Vol. 14, No.3, pp.151-165.
40. Sriraman, B (2003) Can mathematical discovery fill the existential void? The use of Conjecture, Proof and Refutation in a high school classroom (feature article). Mathematics in School, vol. 32, no.2, pp.2-6.
41. Sriraman, B (2003). Discovering mathematical generalizations via problem solving. Beitrage zum Mathematikunterricht (Dortmund, 2003). Proceedings of the 37th Annual Conference of the GDM (Gesellschaft für Didaktik der Mathematik), pp.613-616.  
In: Hans-Wolfgang Henn (Hrsg.). Beiträge zum Mathematikunterricht 2003. Hildesheim, Berlin: Franzbecker, 613-616. ISBN: 3-88120-354-0.
42. Sriraman, B. (2003). Mathematics and Literature: Synonyms, Antonyms or the Perfect Amalgam. The Australian Mathematics Teacher, Vol 59, No.4, pp.26-31.

2004

43. Sriraman, B. (2004). Discovering a mathematical principle: The case of Matt. Mathematics in School, vol.33, no.2, pp.25-31.
44. Sriraman, B (2004). The influence of Platonism on mathematics research and theological beliefs. Theology and Science, vol. 2, no.1, pp. 131-147.
45. Sriraman, B. (2004). Mathematics and Literature (the sequel): Imagination as a pathway to advanced mathematical ideas and philosophy. The Australian

- Mathematics Teacher. Vol 60, No.1, pp.17-23.
46. Sriraman, B., & Adrian, H. (2004). The use of fiction as a didactic tool to examine existential problems. *The Journal of Secondary Gifted Education*. Vol.15, no.3, pp. 96-106.
  47. Sriraman, B. (2004). Discovering Steiner Triple Systems through problem solving. *The Mathematics Teacher*, vol.97, no.5, pp. 320-326.
  48. Sriraman, B. (2004). Reflective Abstraction, Uniframes and the Formulation of Generalizations. *The Journal of Mathematical Behavior.*, vol.23,no.2, 205-222.
  49. Sriraman, B. (2004). The characteristics of mathematical creativity. *The Mathematics Educator*. Vol.14, no.1, pp. 19-34.
  50. Sriraman, B. (2004). Can problem context be an obstacle to proof? (feature article), *Mathematics in School (UK)*, vol. 33, no.4, pp.2-5
  51. Sriraman, B. (2004). Differentiating mathematics via use of novel combinatorial problem solving situations: A model for heterogeneous mathematics classrooms. In E. Barbeau, H. Shin, E. Velikova, A. Friedlander, S. Shirali & A. Andzans (Editors), *Proceedings of the Topics Study Group 4: Activities and programs for gifted students: The 10th International Congress of Mathematics Education, Copenhagen Denmark*, pp. 35-38.
  52. Sriraman, B. (2004). Re-creating the Renaissance. In M. Anaya, C. Michelsen (Editors), *Proceedings of the Topic Study Group 21: Relations between mathematics and others subjects of art and science: The 10th International Congress of Mathematics Education, Copenhagen, Denmark*, pp.14-19.
  53. Sriraman, B. (2004). The role of affect in the process of generalization. In Contributions to P.C.Clarkson, M. Hannula (Organizers), *TSG 24: Students' motivation and attitudes towards mathematics and its study. Proceedings of The 10th International Congress of Mathematics Education, Copenhagen, Denmark*, 8pp.
  54. Sriraman, B & Strzelecki, P. (2004). Playing with powers. *The International Journal for Technology in Mathematics Education*, Vol 11, no.1, pp.29-34.
  55. Sriraman, B & English, L. (2004). Combinatorial Mathematics: Research into practice. *Connecting Research into Teaching. The Mathematics Teacher*, vol.98,no.3,pp.182-191.
  56. Sriraman, B & Adrian, H. (2004) The Pedagogical Value and the Interdisciplinary Nature of Inductive Processes in Forming Generalizations. *Interchange: A Quarterly Review of Education*, Vol.35, no.4, pp. 407-422
  57. Sriraman, B. (2004). Understanding Mathematical Creativity: A Framework for Assessment in the High School Classroom. In McDougall, D.E & Ross, J.A. (Eds.). *Proceedings of the twenty-sixth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Toronto, Canada*, Vol. 1, pp. 350-352.
  58. Sriraman, B. (2004). Gifted ninth graders' notions of proof. Investigating parallels in approaches of mathematically gifted students and professional mathematicians. *Journal for the Education of the Gifted*, Vol. 27, no.4, pp. 267-292.

2005

59. Sriraman, B. & Benesch, W. (2005). Consciousness and Science: An Advaita-Vedantic perspective on the Theology-Science dialogue. *Theology and Science*, vol.3, no.1, pp. 39-54.
60. Sriraman, B. (2005). Problem solving as a pre-cursor to Mathematical Proof. *Mathematics in School*, vol.34, no.1, pp.4-8.
61. Sriraman, B. and English, L. (2005). On the teaching and learning of Dienes' Principles. *International Reviews of Mathematical Education*, vol. 37, no. 3, pp.258-262.
62. Sriraman, B. (2005). Conceptualizing the notion of model-eliciting. In *Proceedings of the 4<sup>th</sup> European Congress of Mathematics Education*, in St. Feliu de Guixols, Spain, Feb 16-22, 2005. 10pp.
63. Sriraman, B., & English, L. (2005). Theories of Mathematics Education. In H. Chick & J.L.Vincent (Eds). *Proceedings of the 29th Annual meeting of the International Group of Psychology of Mathematics Education*, Melbourne, Australia, vol.1, pp. 170-172.
64. Sriraman, B., & Günter T. (2005). Issues and tendencies in German Mathematics Didactics: An epochal perspective. In H. Chick & J.L. Vincent (Eds). *Proceedings of the 29th Annual meeting of the International Group of Psychology of Mathematics Education: Melbourne, Australia*, vol.1, pp. 197-202.
65. Sriraman, B. (2005). The impediments to formulating generalizations. In H. Chick & J.L.Vincent (Eds). *Proceedings of the 29th Annual meeting of the International Group of Psychology of Mathematics Education: Melbourne, Australia*, vol.1, pp. 280.
66. Moreno, L., & Sriraman, B (2005). Structural Stability and Dynamic Geometry: Some Ideas on Situated Proof. *International Reviews on Mathematical Education*. Vol. 37, no.3, pp.130-139.
67. Sriraman, B (2005). (with C. Christou, N. Mousoulides, M. Pittalis & D. Pitta-Pantazi). An empirical taxonomy of problem posing processes. *International Reviews of Mathematical Education*, vol 37, no.3, pp.149-158.
68. Sriraman, B. (2005). Extra-cognitive creative behaviors of gifted high school students and research mathematicians. In *Developing Hearts and Minds: Proceedings of the 15th Annual meeting of the Society for the Advancement of Gifted Education (SAGE)*, Calgary, Canada, pp.102-108.
69. Sriraman, B. (with A.Beckmann and C.Michelsen). (2005). Research considerations for interdisciplinary work on mathematics and its connections to the arts and sciences. In A. Beckmann et al (Eds). *Proceedings of the 1st International Symposium on Mathematics and its Connections to the Arts and Sciences*. May 18-21, 2005, Schwaebisch Gmuend: Germany. Franzbecker Verlag, pp.1-6.
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297. Sriraman, B. (2013). Review of Benesch, W., *The Ecumenical Cruise and Other Philosophical Tales*. Nonetheless Press Interchange: A Quarterly Review of Education. Volume 43, Number 1: pp.63-65.

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298. Sriraman, B. (2014). Review of M.Fried & T. Dreyfus (Eds) (2014). *Mathematics and Mathematics Education-Searching for Common Ground* (Springer Science). *Mathematical Thinking and Learning*, vol.16,no.3,pp.251-252.
299. Sriraman, B. (2014). Review of Callahan, C. M., & Hertberg-Davis, H. L. (Eds.) (2013). *Fundamentals of Gifted Education: Considering Multiple Perspectives*. *Roeper Review*. Vol.36, no.2, pp.133-134.

2016

300. Sriraman, B. (2016). *Scaling mathematics education: A review of Handbook of International Research in Mathematics Education* (3<sup>rd</sup> edition). *Journal for Research in Mathematics Education*, vol.47, no.5, pp. 552-556.

2018

301. Sriraman, B. (2018). *Anthropomorphizing mathematics education: Review of Straehler-Pohl, Bohlmann and Pais (Eds). The Disorder of Mathematics Education. Educational Studies in Mathematics*. 97(2), 209-213.

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302. Sriraman, B. (2024). *Horocycles, Horoscopes, Horizons...A Review of Petra Mikulan & Nathalie Sinclair's (2023) Time and Education*, Bloomsbury, 217pp. ISBN (HB): 978-1-3503-3486-1. *The Mathematics Enthusiast*, vol. 21, nos 1 &2, pp.1-2.



2022

## E. EDITORIALS

303. Sriraman, B. (2004). Editorial, *The Montana Mathematics Enthusiast*, vol.1,no.1,p.1
304. Sriraman, B. (2004). Editorial, *The Montana Mathematics Enthusiast*, vol.1,no.1,p.29
305. Sriraman, B. (2005). Editorial: Social Justice, Taxi-Cabs and Soap Operatic mathematics, *The Montana Mathematics Enthusiast*, vol2,no.1, pp.1-2.
306. Sriraman, B. (2005). Editorial: Globalization, History, Technology and Mathematics Education. *The Montana Mathematics Enthusiast*, vol2,no.2, pp. 81-82.
307. Sriraman, B. (2005) (with G. Toerner, Michael Kleine & Christian Gross). Editorial: Current topics within international mathematics education research, *International Reviews on Mathematical Education*, vol. 37, no.3, p.129.
308. Sriraman, B. (2005) (with G. Toerner, Michael Kleine & Christian Gross). Editorial: Teaching mathematics between standards and individual learning - selected papers from the 2005 German annual meeting of mathematics education. *International Reviews on Mathematical Education*, vol. 37, no.5, p.335.
309. Sriraman, B. (2006). Editorial: Growth & Change. *The Montana Mathematics Enthusiast*, vol3,no.1,pp. 1-2.
310. Sriraman, B. (2006). Editorial: A Global Intellectual Collage. *The Montana Mathematics Enthusiast*, vol3,no.2, pp. 126-128.
311. Sriraman, B. (2007). Editorial: New horizons-four years later- *The Montana Mathematics Enthusiast*, vol4,no.2,pp. 138-140.
312. Sriraman, B. (2007). Guest Editorial: Creativity, Innovation and Talent Development in Mathematics Education. *Mediterranean Journal for Research in Mathematics Education (special issue on talent development in mathematics)*, vol6, nos 1& 2, pp. 1-2.
313. Sriraman, B. (2007) (with Astrid Beckmann & Claus Michelsen). Interdisciplinarity in mathematics, science and arts. *Proceedings of the Second International Symposium of Mathematics and its Connections to the Arts and Sciences (MACAS2)*, University of Southern Denmark Press.
314. Sriraman, B. (2007). The legacy of Zoltan Paul Dienes. *The Montana Mathematics Enthusiast*, Monograph 2 "Zoltan Paul Dienes and the dynamics of mathematical learning", pp. i-ii.
315. Sriraman, B. (2007). Gunter Törner: A true academic, friend, wunderbarer mensch. *The Montana Mathematics Enthusiast*, Monograph 3. "Festschrift in honor of Günter Törner's 60th birthday", pp. 1-2.
316. Sriraman, B. (2008). Expanding spheres of influence- The zenith, the nadir and everything in-between. *The Montana Mathematics Enthusiast*, vol.5, no.1, pp. 1-2.
317. Sriraman, B. (2008). 2 to 3- An omnibus of features & Policy issues in mathematics education. *The Montana Mathematics Enthusiast*, vol5, nos2&3, pp.167-168
318. Sriraman, B. (2009). To publish or not to publish- that is the (editorial) question. *The Montana Mathematics Enthusiast*, vol 6, nos 1&2, pp.1-2.
319. Sriraman, B. (2009). Preface to special issue on Interdisciplinary teaching. *The Montana Mathematics Enthusiast*, vol 6, Supplement 1, 3pp.

320. Sriraman, B. (2009). The journal wheel keeps on turning. *The Montana Mathematics Enthusiast*, vol6, no3, pp.295-296.
321. Sriraman, B., & English, L. (2010). A synthesized and forward oriented case for mathematics education. In B. Sriraman & L. English (Eds). *Theories of Mathematics Education: Seeking New Frontiers* (pp. ix-xi). Springer Science, Berlin.
322. Sriraman, B., & English, L. (2010). Series Preface to M. Walshaw (Ed). *Unpacking Pedagogy: New perspectives for mathematics classrooms*. Information Age Publishing, Charlotte, NC. p.vii
323. Sriraman, B. (2010). New Year Tidings. *The Montana Mathematics Enthusiast*, 7(1), 1-2.
324. Sriraman, B. (2010). So many journals, so many words, so what...? *The Montana Mathematics Enthusiast*, 7(nos2 &3), pp. 175-176.
325. Sriraman, B. (2010). Epilogue to *The Montana Mathematics Enthusiast*, vol7,nos2&3, pp.461-62.
326. Sriraman, B. (2011). Editorial, *TMME*, Vol8, nos1 and 2
327. Kaiser, G., & Sriraman, B. (2011). Series preface to J. Cai & E.Knuth (Eds). *Early Algebraization*. Monograph No. 2, Springer Science & Business Media, Berlin
328. Sriraman, B. (2013). Editorial: (Why) Yet another issue on Problem Solving? *The Mathematics Enthusiast*, 10(1&2),pp.1-2.
329. Sriraman, B. (2013). Editorial: NSF's Math-Science Partnership Projects- Measuring the trickle- down effect of American tax dollars. *The Mathematics Enthusiast*, 10(3),pp.507-508.
330. Kaiser, G., & Sriraman, B. (2012). Series Preface to H. Forgasz & F. Rivera (Eds). *Towards Equity in Mathematics Education: Gender, Culture and Diversity*. *Advances in Mathematics Education*, Monograph No. 3, Springer Science & Business Media, Berlin.
331. Kaiser, G., & Sriraman, B. (2012). Series Preface to S. Hegedus & J.Roschelle(Eds). *Advances in Mathematics Education*, Monograph no.4, Springer Science & Business Media, Berlin.
332. Sriraman, B., & Kaiser G. (2013). Series Preface to English, L.D. & Mulligan, J. T. (Eds.) *Reconceptualizing Early Mathematics Learning*. *Advances in Mathematics Education*, Monograph no.6, Springer Science & Business Media, Berlin.
333. Sriraman, B., & Kaiser, G. (2014). Series Preface to *Probabilistic Thinking: Presenting Plural Perspectives*. *Advances in Mathematics Education*, Monograph no.7, Springer Science & Business Media, Berlin.
334. Sriraman, B., & Törner, G. (2014). The 2010 Banff Workshop on Teachers as Stakeholders in Mathematics Education Research. *The Mathematics Enthusiast*, vol.11, no.1, pp.1-6.
335. Sriraman,B. (2014). Is every TME issue special? *The Mathematics Enthusiast*, vol.11,no.3,p.461
336. Sriraman, B. (2015). The economics of Risk. *The Mathematics Enthusiast*, vol.12,nos1,2 &3,pp.1-2
337. Sriraman,B. (2016). Editorial. *The Mathematics Enthusiast*, vol.13,no.3,pp.187-188.
338. Sriraman,B. (2017). All good things come in three. *The Mathematics Enthusiast*, vol.14, nos1,2&3,pp.1-2.
339. Sriraman,B. (2018). Foreword to *Transdisciplinarity in Mathematics Education: Blurring Disciplinary Boundaries*. Springer Science.

340. Sriraman, B. (2018). Disorder. *The Mathematics Enthusiast*, vol.15, nos.1&2, pp.1-2.
341. Sriraman, B. (2018). Editorial. *The Mathematics Enthusiast*, vol.15, no.3
342. Sriraman, B. (2019). Editorial. *The Mathematics Enthusiast*, vol.16, no.1
343. Sriraman, B. (2019). Foreword to C.Xenofontos (Ed), "Equity in Mathematics Education: Addressing a Changing World." *Cognition, Equity and Society* vol.11. Information Age Publishing.
344. Sriraman, B. (2021). The Planet's Pandemic Pandemonium. *The Mathematics Enthusiast*, 18, 1&2, pp.1-2

#### F. JOURNAL (Theme) ISSUES EDITED

345. Leikin, R., & Sriraman, B. (2022). Mathematical Creativity – State-of-the-art of Empirical Research. *ZDM*. Vol. 54, no.1
346. Sriraman, B. (2017). Mathematical Creativity and Psychology: Back to the Future. *ZDM Mathematics Education*, vol.49, no.7
347. Sriraman, B. (2013). Eastern, Indigenous and Humanist Perspectives on the dialectics of knowledge. *Interchange: A Quarterly Review of Education*, vol.43, no.2, pp.67-180.
348. Sriraman, B. (2012) (Co-editor). New Perspectives on the Didactic Triangle: Teacher- Student-Content, *ZDM- The International Journal on Mathematics Education*, vol.44, no.5, pp. 581-695.
349. Sriraman, B., and Anne Birgitte Fyhn (2011). Circumpolar indigeneous world views and their links to mathematics and science. *Interchange: A Quarterly Review of Education*, vol. 42.no.2
350. Sriraman, B. (with Ziya Argun and Behiye Ubuz) (2010). A Turkish Issue on Research Developments in Mathematics Education: Cognition and Curriculum. *ZDM- The International Journal on Mathematics Education*, vol.42, no.5, pp. 427-510.
351. Sriraman, B. (Editor) (2009). Interdisciplinarity in Mathematics Education. *ZDM- The International Journal on Mathematics Education*, vol.41, nos.1 & 2., pp. 1-256
352. Sriraman, B. (2006) (co-editor with Günter Törner, Christian Gross and Michael Kleine). Selected papers from the 2006 Osnabrück Annual Meeting of German Mathematics Didactics Society. Vol. 38, no.6 *Zentralblatt für Didaktik der Mathematik*. 82 pages
353. Sriraman, B. (2006) (co-editor with Gabriele Kaiser and Morten Blomhøj) (2006) . Modelling perspectives from around the world. *Zentralblatt für Didaktik der Mathematik*, vol.38,no.3, 102 pages.
354. Sriraman, B.(co-editor with Gabriele Kaiser and Morten Blomhøj) (2006). Mathematical modeling Empirical and Theoretical perspectives (part A). *Zentralblatt für Didaktik der Mathematik*. Vol. 38, no.2, 131 pages
355. Sriraman, B., & English, L. (co-editors) (2006). Theories of mathematics education: European perspectives, commentaries and viable research directions (Part B). *Zentralblatt für Didaktik der Mathematik*, vol.38, no.1, 81 pages.
356. Sriraman, B., & English, L. (co-editors) (2005). Theories of mathematics education (Part A). Vol. 37, no.6. *International Reviews on Mathematical Education (Zentralblatt für Didaktik der Mathematik)*, 60 pages.
357. Sriraman, B. (2005) (co-editor with Günter Törner, Christian Gross and Michael

Kleine). Current topics within international mathematics education research Vol. 37, no.3. *International Reviews on Mathematical Education (Zentralblatt für Didaktik der Mathematik)*. 134 pages.

358. Sriraman, B. (2005) (co-editor with Günter Törner, Christian Gross and Michael Kleine). Teaching mathematics between standards and individual learning: Selected papers from the 2005 German Annual Meeting of Mathematics Education. Vol. 37, no.5. *International Reviews on Mathematical Education (Zentralblatt für Didaktik der Mathematik)*. 111 pages.

This journal issue includes 17 articles, which are a small subset of extended and peer reviewed versions of papers presented at the 39th Annual Meeting of the German Mathematics Didactics Society, Bielefeld, Germany: 28. Feb - 4. March 2005.

#### G. NEWS LETTER CONTRIBUTIONS [Research/Travel articles]

359. Sriraman, B. (2011, Fall). Scaling Iceland. *Expanding Horizons, IP News Letter*
360. Sriraman, B. (2011, February). Digging Denmark: From Domination to Democracy. *Expanding Horizons, IP News Letter*.
361. Sriraman, B (2010, September). Arctic Trots, Sub arctic traipses. *Expanding Horizons, IP News Letter*, pp.4-6
362. Sriraman, B (2009). Glorious Iran. This is Central Southwest Asia News Letter, pp. 1-4
363. Sriraman, B. (2009). O'(H)industan: Where art thou? This is Central Southwest Asia News Letter, p.5
364. Sriraman, B. (2008, December). Building an International Learned Community on Interdisciplinarity: The MACAS Story. *Expanding Horizons, IP News Letter*, pp.3-4
365. Sriraman, B. (2008, Fall). Touching Turkey's Timeless "Osmanli" soul. This is Central Southwest Asia News Letter, pp. 6-7
366. Sriraman, B. (2008, April). Cyprus: 10,00 years of history, culture and politics. *Expanding Horizons, IP News Letter*, p.4
367. Sriraman, B. (2008, February). Sociology and mathematics: Explaining the Icelandic Gender "Anomaly" in PISA 2003. *Expanding Horizons, IP News Letter*, p.6
368. Sriraman, B. (2008). Site visit to the island of Aphrodite (University of Cyprus). This is Central Southwest Asia News Letter, p.4
369. Sriraman, B. (2007, November). Musings on Turkey. *Expanding Horizons, IP News Letter*, p.2
370. Sriraman, B. (2007). A life of serendipity and learning, This is Central Southwest Asia News Letter, pp. 2-4
371. Sriraman, B. (2007, April). International Projects in Cyprus, Germany and Iceland. *Expanding Horizons, IP News Letter*, p.3
372. Sriraman, B. (2007, September). International Biennial Symposium on Mathematics and its Connections to the Arts and Sciences. *Expanding Horizons, IP News Letter*, p.6

## H. Volumes in Edited Book Series

- 373. Advances in Creativity and Giftedness (12 volumes to date)  
<https://brill.com/view/serial/ACG>
- 374. Advances in Innovation Education (6 volumes to date)  
<https://brill.com/view/serial/AIIE>
- 375. Advances in Mathematics Education (28 volumes to date)  
<https://www.springer.com/series/8392>
- 376. Creativity Theory and Action in Education ( 7 volumes to date)  
<https://www.springer.com/series/13904>

The following book series are no longer producing any volumes

- 377. Cognition, Equity and Society (12 volumes to date)  
<http://www.infoagepub.com/series/Cognition-Equity-Society-International-Perspectives> - This is an extinct series as of 12/2023
- 378. Montana (Mathematics Enthusiast) Monographs in Mathematics Education (16 volumes to date) -This is an extinct series as of 06/2023  
<http://www.infoagepub.com/series/The-Montana-Mathematics-Enthusiast-Series>
- 379. International Sourcebooks in Mathematics and Science Education (4 volumes to date). -This is an extinct series as of 06/2023-  
<http://www.infoagepub.com/series/International-Sourcebooks-in-Mathematics-and-Science-Education>

## I. INVITED TALKS/PAPERS PRESENTED

- 380. Mathematical creativity in the high school classroom, 48th Annual NAGC Convention; Cincinnati, Ohio; November 10th, 2001.
- 381. Mathematical creativity in problem-solving situations. Colloquium Lecture Series; University of Montana, Missoula; December 21st, 2001.
- 382. Mathematical creativity in the high school student, NCTM Southern Regional Conference, Oklahoma City, Oklahoma; February 21st, 2002.
- 383. What is mathematical creativity? 2002 MEA-MFT Educators' Conference. Oct 17-18, 2002.
- 384. Generalization processes in combinatorial problem-solving situations. The XXIV Annual Meeting of the Psychology of Mathematics Education - North Atlantic (PMENA) Athens, Georgia. October 28th, 2002.
- 385. Mathematical Giftedness and the ability to formulate Generalizations. Research and evaluation strand of the 49th Annual NAGC Convention, Denver, Colorado; Nov. 2, 2002.
- 386. Discovering mathematical generalizations via problem solving. Paper presented at the 37th Annual Conference of the GDM (Gesellschaft für Didaktik der Mathematik); Dortmund, Germany; March 2003.
- 387. Discovering mathematical generalizations via problem solving. 2003 MEA-MFT Educators' Conference in Billings, Montana. [Montana Council of Teachers of Mathematics (MCTM)/Montana Association of Gifted and Talented Education (AGATE) strand]
- 388. Generalization processes in problem-solving situations. 60 minute invited session presented at the Canadian Regional NCTM Conference, Edmonton, Canada; Nov. 20-22, 2003.

389. Differentiating the mathematics curriculum. 90 minute invited session given at the Montana Association of Gifted and Talented Education (AGATE) Annual Spring Conference in Helena, MT., April 22, 23, & 24, 2004.
390. Differentiating mathematics via use of novel combinatorial problem solving situations: A model for heterogeneous mathematics classrooms. Paper presented at Topics Study Group 4: Activities and programmes for gifted students. The 10th International congress on Mathematics Education, Copenhagen, Denmark, 2004.
391. Re-creating the Renaissance. Paper presented at Topics Study Group 21: Relations between mathematics and others subjects of art and science. The 10th International Congress of Mathematics Education, Copenhagen, Denmark, 2004.
392. Understanding Mathematical creativity: A framework for assessment in the high The XXVI Annual meeting of the Psychology of Mathematics Education- North America, Toronto, Canada: 21-24 October 2004.
393. Extra-cognitive isomorphic behaviors of mathematically gifted high school students and professional mathematicians. Invited talk at the 15th Annual SAGE Conference [Society for the Advancement of Gifted Education]- The University of Calgary, Canada:19-20 November, 2004.
394. Creativity and the mathematically gifted student: Specials Topics Presentation in the Creativity Strand of the 51st NAGC Convention, Salt Lake City, Utah, 2004.
395. Platonism, Mathematics & Theology: Archaic and Modern Connections. The Philosophy Forum, University of Montana. September 21, 2004.
396. Problem solving research in mathematics education: viable and non-viable mutations. Invited Colloquium Talk at the Institute of Mathematics, Duisburg-Essen University, Germany: 13. January, 2005.
397. Some practical considerations of problem solving research for the classroom. Invited International Lecture at the Baden-Württemberg Teachers Workshop in Reutlingen, Germany: 14. January, 2005.
398. Conceptualizing the notion of model-eliciting. 4th Congress of European Research in Mathematics Education, Sant Feliu de Guixols, Spain: 16-22 February 2005.
399. Philosophy as a bridge between mathematics, arts and the sciences. Plenary talk at the First International Symposium of Mathematics and its Connections to the Arts and Sciences. The University of Schwäbisch Gmünd, Germany: May 19-21, 2005.
400. Theories of Mathematics Education. Research Forum (co-presented with Lyn English) at 29th Annual meeting of the International Group of Psychology of Mathematics Education, Melbourne, Australia, July 10- 15, 2005.
401. Issues and tendencies in German Mathematics Didactics: (co-presented with Guenter Toerner) at 29th Annual meeting of the International Group of Psychology of Mathematics Education: Melbourne, Australia, July 10-15, 2005.
402. The impediments to formulating generalizations. Short Oral presentation at the 29th Annual meeting of the International Group of Psychology of Mathematics Education: Melbourne, Australia, July 10-15, 2005.
403. Video-based research on mathematics teaching: Research in the context of video. (with Guenter Toerner, Miriam Sherin and Eva Jablonka. The 27th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Roanoke, Virginia Oct.19-24,2005.
404. Sriraman, Bharath & Günter Törner (2005). Beliefs about mathematics and

- teaching scripts from the perspective of Schoenfeld's theory of Teaching-In-Context. The 27th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Roanoke, Virginia Oct.19-24, 2005
405. Videos in collegiate mathematics teaching. The 27th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Roanoke, Virginia Oct.19-24,2005
406. Quasi-empirical approaches to mathematics: Recreating the Lakatosian Classroom. The 27th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Roanoke, Virginia Oct.19-24, 2005.
407. Current research trends in mathematics education, Graduate Seminar - Institute of Mathematics, University of Duisburg-Essen, January 4. 2006.
408. Überblick über Strukturen rund um den Mathematikunterricht in den USA: Schulstrukturen der USA, National Assessment Tests und Mathematiklehrer; die Rolle von Verbänden (z.B. NCTM). MINT Fortbildungsnetzwerk - Düsseldorf-Kaiserswerth (Advanced Teacher training seminar) Germany: January 6. 2006.
409. Überblick über Entwicklung des Mathematikunterrichts in den USA in den letzten fünfzig Jahren.MINT Fortbildungsnetzwerk - Düsseldorf-Kaiserswerth (Advanced Teacher training seminar) Germany: January 6. 2006.
410. Problemlösen Reflektion: Was können wir aus den Erfahrungen mit Problemlösen in den USA lernen? MINT Fortbildungsnetzwerk - Düsseldorf-Kaiserswerth (Advanced Teacher training seminar) Germany: January 6. 2006.
411. NCTM- Standards: Der Ansatz und die Realisierung. Was müssen wir davon in Deutschlandwissen? MINT Fortbildungsnetzwerk - Düsseldorf-Kaiserswerth (Advanced Teacher training seminar) Germany: January 6. 2006.
412. Problem solving research in mathematics education. Colloquium Talk, Department of Education and Developmental Science, University of Hamburg, January 10. 2006.
413. Literature as a medium to forge interdisciplinary connections between mathematics and philosophy in the school curriculum. Center for Science and Mathematics Education/ Department of Mathematics and Computer Science, University of Southern Denmark, Odense, January 12. 2006.
414. Mathematical and critical thinking through the use of literature in the secondary classroom. Campus wide guest lecture. Dept of Mathematics and Computer Science, University of Education, Schwäbisch Gmünd, January 16. 2006.
415. Differentiating to discover mathematical structures. Illinois Association for Gifted Children, 2006 Annual Convention of IAGC meeting, Chicago, Illinois, February, 5-7, 2006.
416. Problem solving research in mathematics education. 2 hour lecture at the University of Cyprus, February 21, 2006.
417. Qualitative research methods in mathematics education. One hour lecture/discussion Research Seminar at the University of Cyprus, February 22, 2006.
418. Mathematics and Literature- Colloquium at The University of Moncton, New Brunswick, April 27, 2006.
419. Differentiating mathematics with the use of modern mathematics fiction: Some

- implications for the heterogeneous classroom setting. SAGE 17, Calgary, November 2006.
420. Platonism, Mathematics & Theology. Invited guest lecture in joint summerschool session of the University of Athens and the University of Cyprus held in Ancient Olympia [August 21-27, 2006].
  421. From problem solving to modeling. Invited guest lecture in joint summer school session of the University of Athens and the University of Cyprus held in Ancient Olympia [August 21-27, 2006].
  422. Using literature in the mathematics classroom: A historical perspective. Invited guest lecture in joint summer school session of the University of Athens and the University of Cyprus held in Ancient Olympia [August 21-27, 2006].
  423. Combinatorial problem solving- some results from teaching experiments. . Invited guest lecture in joint summer school session of the University of Athens and the University of Cyprus held in Ancient Olympia [August 21-27, 2006].
  424. From Problem solving to Modeling- An overview of the state of international research. University lecture: Iceland University of Education, Reykjavik, Iceland - October.9 2006.
  425. Modeling in the mathematics classroom- Seminar with pre-service teachers: Iceland University of Education, Reykjavik, Iceland -October.10, 2006.
  426. Ideas for innovation in the mathematics classroom- Classroom teachers as researchers: Seminar with pre-service teachers: Iceland University of Education, Reykjavik, Iceland -October.10, 2006.
  427. History and Advances in Theories of Mathematical Learning- Seminar with graduate students: Iceland University of Education, Reykjavik, Iceland -October.11, 2006
  428. Problem solving research in mathematics education. School Science and Mathematics Conference, Missoula, Montana, October 26. 2006.
  429. Differentiating mathematics with the use of modern mathematics fiction: Some implications for the heterogeneous classroom setting. 17th Annual Meeting of the Society for the Advancement of Gifted Education. 17, November 2006, Calgary, Canada.
  430. Mathematical sense making: The interplay between personal and objective meanings. Invited University Lecture at the Graduate School of the University of Hamburg [January 2007]
  431. Problem solving research in mathematics education: Viable and non-viable mutations. Colloquium Talk, Department of Mathematical Sciences, The University of Idaho, December 7,2006.
  432. Differentiating mathematics with the use of modern mathematics fiction: Some implications for the heterogeneous classroom setting. Illinois Association for Gifted Children, 2007Annual Convention of IAGC meeting, Chicago, Illinois, February, 4-7. 2007.
  433. Tracing students' Modelling processes in elementary and secondary school in Cyprus. 5<sup>th</sup> European Congress on Mathematics Education (CERME5), Larnaca, Cyprus, Feb.21-27, 2007.
  434. Paradoxes as pathways into polymathy and discovery of mathematical structures. Second International Symposium of Mathematics and its Connections to the Arts and Sciences (MACAS2), Odense, Denmark, 29-31 May 2007.



435. Problem solving research in the 21st century- One step forward, two steps back? Invited Guest Lecture at Gazi University, Ankara, Turkey: June 1-8, 2007.
436. Mathematics sense making- The interplay between personal and objective meanings. Invited Guest Lecture at Gazi University, Ankara, Turkey: June 1-8, 2007.
437. Theories and research in mathematics education. Invited Research Seminar at Gazi University, Ankara, Turkey: June 1-8, 2007
438. Mathematics and Literature: Perspectives for interdisciplinary classroom pedagogy (with Astrid Beckmann). Paper presented at Symposium on "Mathematics, Science and Art: Contextual, historical, and philosophical connections for contemporary research and pedagogy" at the 9th International History and Philosophy of Science Teaching Conference (IHPST9), Calgary, June 22-27, 2007.
439. Design Science perspectives in mathematics and science education classroom research. (with Claus Michelsen). Paper presented at Symposium on "Mathematics, Science and Art: Contextual, historical, and philosophical connections for contemporary research and pedagogy" at the 9th International History and Philosophy of Science Teaching Conference (IHPST9), Calgary, June 22-27, 2007.
440. Sriraman, Bharath (2007). Contemporary issues and practices in mathematics gifted/talented education in the United States. Invited talk at the Center of Gifted Education, University of Buffalo, Oct. 15, 2007
441. Sriraman, Bharath (2007). Interdisciplinarity in mathematics teacher education. Invited talk at 2007 Oberwolfach Symposium on Professional Development of Mathematics Teachers: Research and Practice from an International Perspective November 11- 17, 2007, Oberwolfach, Germany
442. Sriraman, Bharath (2007). Potentials and Possibilities for Innovation in Mathematics Education. Outstanding Early Career Scholar Talk at the 2007 School Science and Mathematics Convention. Indianapolis, November 16-18, 2007.
443. Sriraman, Bharath (2008). Contemporary issues and practices in mathematics gifted/talented education in the United States. Invited Colloquium Talk at Department of Mathematics, University of Dortmund, Germany, January 10, 2008
444. Sriraman, Bharath (2008). Maverick traditions in the philosophy of mathematics. Invited Colloquium talk at Department of Philosophy. University of Alaska, Fairbanks, March 3-6, 2008.
445. Sriraman, Bharath (2008). Chinese, Indian and Islamic perspectives on the history and philosophy of science. Invited Philosophy of Science lecture, University of Alaska, Fairbanks, March 4.
446. Sriraman, Bharath (2008). Indian mathematics arising from the vedic and post-vedic Indo Iranian civilizations. Invited Eastern philosophy lecture, University of Alaska, Fairbanks, March 5.
447. Sriraman, Bharath (and Marianna Papastephanou, in absentia) (2008). Historical, religious and political context in Cyprus: Moving beyond reductionist arguments in the media. International Brown Bag Lectures. The University of Montana, Missoula. March 13, 2008
448. Sriraman, Bharath. (2008). Talent Development and Social Justice: Amicable Agendas or Conflicting Constructs. Invited Colloquium Talk at the James J. Kaput Center for Research and Innovation in Mathematics Education, University of Massachusetts- Dartmouth. April 2, 2008.

449. Sriraman, Bharath (2008). Indo-iranian civilizations: The rise and fall of the Mughal empire. Central Asian Brown Bag Lectures. The University of Montana, Missoula. April 10, 2008
450. Sriraman, Bharath. (2008). On the Identities of Mathematics Education. Keynote Lecture, Queensland University of Technology, Brisbane, Australia, April 19-24, 2008.
451. Sriraman, Bharath (2008). Identity and Innovation in Mathematics Education. Invited Lecture at the David Wheeler Center for Research in Mathematics Education, Simon Fraser University, Vancouver BC. April 30, 2008.
452. Sriraman, Bharath (2008). Post-colonial legacy: Contrasting North Cyprus and Indian Kashmir. Central and SW Asian studies Brown bag lecture, University of Montana, Oct.30, 2008
453. Sriraman, Bharath (2008). Contemporary issues and practices in mathematics gifted/talented education in the United States. Invited Colloquium Talk at Mathematisches Institut, Universität München (University of Munich), Germany, November 6. 2008.
454. Sriraman, Bharath (2008). On the identities of mathematics education. Invited Colloquium talk at Universitaet Duisburg-Essen (University of Duisburg- Essen), Essen Campus, Germany, November 10, 2008.
455. Sriraman, Bharath. (2008). Non-European traditions in mathematics and their implications for the teaching and learning of proof. Invited Colloquium Talk at Universität Bremen (University of Bremen), Germany, Nov. 11, 2008.
456. Sriraman, Bharath. (2008). Maverick traditions in the philosophy of mathematics and their implications on mathematics education. Invited colloquium talk, Washington State University, Dept of Mathematics, Pullman, Washington, November 20th, 2008.
457. Sriraman, Bharath. (2008). The appropriation (or misappropriation) of Imre Lakatos in Mathematics Education: An Interchange with David Pimm. Invited colloquium talk and seminar, University of Agder, Kristiansand, Norway, December 15. 2008
458. Sriraman, Bharath (2008). Cultural studies in mathematics as catalysts for peace. Invited colloquium talk and seminar, University of Tromso, Tromso, Norway, December 18. 2008
459. Sriraman, Bharath. (2009). On Bringing Interdisciplinary ideas to gifted education. Illinois Association for Gifted Children, 2009 Annual Convention of IAGC meeting, Chicago, Illinois, Jan 31- Feb 3. 2009.
460. Theory and its scientific role in mathematics education. Invited Talk at 40th Annual Meeting of Iranian Mathematical Society, Tehran, August 2009.
461. Non-European traditions in mathematics and their implications for the teaching and learning of proof. Invited Colloquium Talk. Mathematics Department, Iran University of Science and Technology, Tehran, August 23, 2009.
462. The appropriation or (mis) appropriation of Imre Lakatos in mathematics education. Invited Colloquium Talk. Mathematics Department, Iran University of Science and Technology, Tehran, August 23, 2009.
463. A Global view of directions in research, history and theories of mathematics education. Plenary Lecture at Iranian Ministry of Education, Tehran. August 31, 2009. Citation from Ministry

464. How do we develop mathematical talent? An American perspective in light of the NMAP report. Invited Plenary at Bildung und Begabung Wissenschaftszentrum, Bonn, Germany, September 2009.
465. Sriraman, B. (2009). Theories of Mathematics Education: past, present, future. Lecture in Working Group on Research Advances in Mathematics Education. 31st Annual Meeting of PMENA, Atlanta, Georgia, Sept. 24, 2009.
466. Sriraman, B. (2009). A Global view of directions in Research, History and Theories of Mathematics Education. Invited Colloquium Talk, Washington State University, October 8, 2009.
467. Sriraman, B. (2009). A reaction to Paul Ernest's What is First Philosophy in Mathematics Education. Invited Talk at Seminar celebrating Paul Ernest's 65th Birthday. University of Agder, Kristiansand, Norway, October 19, 2009.
468. Sriraman, B. (2009). Issues and practices in mathematics gifted education. Regular Lecture at University of Stavanger, Norway, October 2009.
469. Sriraman, B. (2009). Theories of mathematics education: Future directions. Colloquium Talk at University of Stavanger, Norway, October 2009.
470. Sriraman, B. (2009). Standards in scientific publishing: The case of mathematics education. Research Seminar at University of Stavanger, Norway, October 2009.
471. Conjecture-proof-refutation and the "real" classroom. Invited talk at University of Agder, Kristiansand, Norway, October 2009.
472. Sriraman, Bharath (2009). Iran and Its Resplendent Cultural and Historical Mosaic: Humanistic Reflections From a Recent Visit. Public Lecture, The University of Montana, October 29, 2009
473. Conjecture-proof-refutation and mathematical creativity. Invited talk at the first joint Korean Mathematical Society & American Mathematical Society meeting, Seoul, Korea, December 2009.
474. Sriraman, Bharath (2010). Culture and mathematics / the multicultural mathematics classroom. Invited Lecture in Writing Seminar in Skibotn, Norway, Jan 18, 2010.
475. Sriraman, Bharath (2010). Conceptions of Creativity across time and culture. Doctoral course lecture in "Mathematics - creativity - culture: Indigeneous profiles and Interdisciplinary approaches to innovation, teaching and learning", University of Tromso, Norway, Jan 21-22, 2010.
476. Sriraman, Bharath (2010) What does innovation mean: examples, issues and case studies from countries. Doctoral course lecture in "Mathematics - creativity - culture: Indigeneous profiles and Interdisciplinary approaches to innovation, teaching and learning", University of Tromso, Norway, Jan 21-22, 2010.
477. Sriraman, Bharath (2010) Indigenous knowledge and institutional dynamics- Conflict or Symbiosis? Doctoral course lecture in "Mathematics - creativity - culture: Indigeneous profiles and Interdisciplinary approaches to innovation, teaching and learning", University of Tromso, Norway, Jan 21-22, 2010.
478. Sriraman, Bharath (2010) Polymathy- for the common person or for eminent individuals? Results from a study. Doctoral course lecture in "Mathematics - creativity - culture: Indigeneous profiles and Interdisciplinary approaches to innovation, teaching and learning", University of Tromso, Norway, Jan 21-22, 2010.
479. Sriraman, Bharath (2010). Scientific writing and journal culture. Invited Lecture in

- Faculty of Social Sciences and Education, University of Tromsø, Norway. February 1, 2010.
480. Sriraman, Bharath (2010). Cross cultural comparisons of the notion of giftedness. Key Note Lecture in Nordkalottkonferanse i matematikdidaktikk/ North Calotte conference in mathematics education Universitetet i Tromsø, Campus Breivika, Norway, 8 - 9. February 2010.
481. Sriraman, B. (2010). Systems perspectives and network-actor theory in academic journal culture and institutions. Lecture in Writing Seminar on Scientific Publishing, School of Teacher Education, University of Tromsø, Norway, February 2, 2010.
482. Sriraman, B and Anne-Birgitte Fyhn (2010). Mathematics, Culture and Life. Filosofiske Samtaler [Philosophical Conversations] sponsored by Dept of Philosophy, University of Tromsø, Norway. MACK ØLHALLEN, FEBRUARY 6th, 2010.
483. Sriraman, B. (2010). Theories of Mathematics Education- a current view of the field. Invited Colloquium, Dept of Mathematics, Linköping University, Sweden. March 11, 2010
484. Sriraman, Bharath (2010). A critique of the methodology and research findings of Mathematical modelling in upper secondary mathematics education in Sweden. A curricula and design study. Applied Mathematics Dissertation Opponent Lecture, Linköping University, Sweden, March 12, 2010.
485. Sriraman, Bharath (2010). Maverick traditions in the philosophy of mathematics and their implications for mathematics education. Invited Colloquium Talk, Dept of Mathematics, University of Umeå, Sweden, March 15-17, 2010.
486. Sriraman, Bharath (2010). On the Identities of Mathematics Education: A critical view of the Field. Invited Colloquium Talk. Umeå Mathematics Education Research Centre, University of Umeå, Sweden, March 15-17, 2010.
487. Sriraman, B. (2010). Fostering creativity in mathematics classrooms. Mini Symposium Talk, University of Umeå, Sweden, March 15, 2010.
488. Sriraman, Bharath (2010). Systems perspectives and network-actor theory in academic journal culture and institutions- Deconstructing the knowledge industry. Research Seminar Lecture. Umeå Mathematics Education Research Centre, University of Umeå, Sweden, March 15-17, 2010.
489. Sriraman, B. (2010). The Role of and perspectives of theory in mathematics education: A critical view. Invited Seminar at Nationellt Centrum for Matematikutbildning. Goteborg University, Sweden, March 19, 2010.
490. Sriraman, Bharath (2010). Insights and implications from research: How mathematically gifted high school students learn. Invited Seminar Talk, University of Aarhus, Denmark, March 22, 2010.
491. Sriraman, B. (2010). On the Identities of Mathematics Education: A critical view of the Field. University of Idaho/Washington State University Mathematics Colloquium series. Moscow, ID. April 8, 2010.
492. Sriraman, B. (2010). Contemporary issues and practices in mathematics gifted/talented education in the United States. Colloquium Talk, Dept of Mathematics and Statistics, University of New Mexico, Albuquerque, NM. April 22, 2010.
493. Sriraman, B (with others). (2010). A Talent Development Perspective on Educating Mathematically Gifted Students. 57th Annual NAGC Convention, Atlanta,

- November 2010.
494. Sriraman, B (2010). Teachers as Stake holders in mathematics education research. Banff International Research Station, December 2010.
  495. Sriraman, Bharath (2010). Are there theories of mathematics education: A critical view of the field. Graduate Student Seminar Lecture, School of Education, University of Texas- Austin, July 23, 2010.
  496. Sriraman, Bharath (2010). Characteristics, and treatment of gifted, talented and high ability students in maths. University of Oslo, Doctoral Course Lecture in Gifted and Talented Students in Mathematics - with a focus on high school. Oslo, Norway, October 13-15, 2010.
  497. Sriraman, Bharath (with L. Sissel, A.Hole, H. Aslaksen & P. Ernest (chair)). (2010). What have we learnt about gifted and talented students in maths? What lessons for mainstream maths? University of Oslo, Doctoral Course Lecture in Gifted and Talented Students in Mathematics - with a focus on high school. Oslo, Norway, October 13-15, 2010.
  498. Sriraman, Bharath.(2010). Plenary Discussant of L. English "Promoting student understanding through complex learning". 32nd Annual Meeting of PMENA, Columbus, Ohio, Oct 28-31. 2010.
  499. Sriraman, Bharath (2010). Conceptions of Mathematical Creativity -- Issues and Perspectives. Invited Plenary Lecture at Gyeongin National University of Education", Korea November 13, 2010.
  500. Sriraman, Bharath (2010). Conceptions of Creativity -Issues and Perspectives. Invited Lecture at The Korea Foundation for the Advancement of Science and Creativity, Nov. 15. 2010
  501. Sriraman, Bharath (2010). Conceptions of Mathematical Creativity -- Issues and Perspectives. Invited Colloquium Talk at Seoul National University, November 15, 2010.
  502. Sriraman, Bharath (2010). Lakatos and Mathematics Education: Conjecture, Proof and Refutation in the mathematics classroom? Invited Colloquium Talk at Seoul National University, November 16,2010
  503. Sriraman, Bharath (2010). Conceptions of Mathematical Creativity -- Issues and Perspectives.Invited Colloquium Talk at Cheongju National University of Education, Korea November 17, 2010.
  504. Sriraman, Bharath (2010). Conceptions of Mathematical Creativity -- Issues and Perspectives.Invited Colloquium Talk, Korea National University of Education, November 18, 2010.
  505. Sriraman, Bharath (2010). Lakatos and Mathematics Education: Conjecture, Proof and Refutation in the mathematics classroom? Invited Colloquium Talk, Korea National University of Education, November 19, 2010.
  506. Sriraman, Bharath. (2011). Mathematics Giftedness: Elitism of Egalitarianism. Joint College of Education/Dept of Mathematical Sciences/The Gwenna Moss Center/PIMS Public Lecture. University of Sasketchawan, Saskatoon, Jan 11, 2011.
  507. Sriraman, Bharath (2011). Early Enumeration and The Mathematics of Quipus. Guest Lecture in School of Education-Elementary Mathematics Methods Course, University of Sasketchawan, Saskatoon, Canada Jan 12, 2011.
  508. Sriraman, Bharath (2011). A Non Western Survey of the History of Mathematics. Guest Lecture in School of Education- Secondary Mathematics Methods Course,

- University of Saskatchewan, Saskatoon, Canada Jan 12, 2011.
509. Sriraman, Bharath (2011). Trajectories of Talent Development: the case of science and mathematics Plenary Symposium Speaker, Johns Hopkins Center for the Study of Exceptional Talent, Baltimore, Maryland. March 24, 2011.
  510. Sriraman, Bharath (2011). On the identities of mathematics education: A critical view of the field. Invited Talk in Kristianstad University and College/växjö Universitet- Joint Mathematics Education. Seminar Series, March 30, 2011
  511. Sriraman, Bharath (2011). Conceptions of (Mathematical) Creativity- Issues and Perspectives. Invited Colloquium Talk in Lulea University of Technology, Sweden, April 4, 2011.
  512. Sriraman, Bharath (2011). Mathematical Giftedness and Models of Talent Development- Issues, Practices and Challenges. Invited Mathematics Didactics Colloquium Talk. Linköping University, Sweden, April 6, 2011.
  513. Sriraman, Bharath (2011). Transcending the disciplinary boundaries of Experiential Learning: The case of mathematics and science. The Thomas James Distinguished Professorship in Experiential Learning Candidacy Lecture - The University of North Carolina -Chapel Hill. March 14, 2011.
  514. Sriraman, Bharath (2011). Reverse Brain drain: Idiosyncrasies in international (mathematics (education)) doctoral programs. Joint International Programs& Undergraduate Mathematics Seminar Talk. The University of Montana, April 12, 2011.
  515. Sriraman, Bharath (2011). Conceptions of Creativity: How Do Ideas Survive, Mutate and Propagate? Keynote Lecture at the 2011 University of Montana Undergraduate Research Conference, Missoula, MT, April 15, 2011.
  516. Sriraman, Bharath (2011). A Mathematical Satire on Gaining by Reducing. Opening Keynote Lecture at the 2011 SUM Conference [hosted by The Saskatchewan Mathematics Teachers Society], May 6 2011.
  517. Sriraman, Bharath (2011). Polarities in (Nordic) Mathematics Education Research. Plenary Lecture, NORMA 11 (Nordic Conference on Mathematics Education), University of Iceland, Reykjavik, May 11-14, 2011.
  518. Sriraman, B. (2011). Conceptions of Creativity- How do Ideas Survive, mutate and propagate. Invited Seminar Talk, Lund University, Sweden [October 10, 2011]
  519. Sriraman, B. (2011). Transcending the disciplinary boundaries of Experiential Learning- the case of mathematics and science. Invited Seminar Talk, [October 13, 2011].University of East Anglia, U.K.
  520. Sriraman, B. (2011) (w/K. Miraglia &S. Hegedus) Creativity in schools- Exploring Identity, Intimacy and Motivation. Symposium on A Look at Teaching for Creativity in p-16 education. 2011 Annual Meeting of the New England Educational Research Organization, April 27-29 NEERO Symposium.
  521. Sriraman, B. (2011) "(w/R. Lesh and others). Models and Modeling Discussion Group, 35th Annual Meeting of the International Group for the Psychology of Mathematics Education, Ankara, Turkey, July 2011
  522. "Four Part MOLLI Lectures" (1.5 hours each) - Time Traveling through mathematics: A cultural voyeuristic view. Osher Lifelong Learning Institute at The University of Montana (MOLLI)
  523. Sriraman, B. (2011). Time Traveling through mathematics: Intercultural frameworks for understanding ancient periods in the History of Mathematics - The

- Egyptians. MOLLI Lecture 1, Sept 29.
524. Sriraman, B. (2011). Time Traveling through mathematics- Early counting, enumeration and calendric systems of the Mayans, Egyptians and Babylonians. MOLLI Lecture 2, October 6
525. Sriraman, B. (2011). Time Traveling through mathematics- Geometry and Irrationality in Egyptian, Greek and Indian mathematics. MOLLI Lecture 3, October 20
526. Sriraman, B. (2011). Time Traveling through mathematics- Coming full circle in the post- modern period. MOLLI Lecture 4, October 27.
527. Sriraman, B. (2011) (w/ G. Palsdottir & O. Dagsdottir). Creativity in mathematics classrooms. Námstefna á Selfossi 4-5 nóvember, Iceland
528. Sriraman, B (2011) (w/ A.B. Fyhn). Intercultural and indigenous views of mathematics and science: From Alaska to the Sami. University of Tromso, Norway. November 7-10, 2011.
529. Sriraman, B (2011) (w/ A.B. Fyhn). Counting combinatorially in cultural contexts. University of Tromso, Norway. November 7-10, 2011.
530. Sriraman, B (2011) (w/ A.B Fyhn). Reading and writing mathematics in cultural contexts. University of Tromso, Norway, November 7-10, 2011.
531. Sriraman, Bharath (2012). Five part Lecture series "Teorías de Educación Matemática". Universidad Nacional del Nordeste [Argentina]. Facultad de Ciencias Exactas y Naturales y Agrimensura. March 29-April 1, 2012.
532. Sriraman, Bharath (2012). Global Leadership Initiative Freshman Cohort Group Discussant of Allen Wood's Presidential Lecture "Marx on Equality" [Oct 29, 2012].
533. Sriraman, Bharath., (2012). Scientific Publishing in Mathematics Education. Invited Talk at Universiti Sainsi, Penang, Malaysia. December 20-24
534. Sriraman, Bharath. (2012). Theories in mathematics education. Invited Colloquium Talk at Universiti Sainsi, Penang, Malaysia. December 20-24
535. Sriraman, Bharath. (2012). Workshop on scientific publishing- Do's and Dont's in journal manuscripts. Invited Workshop at Universiti Sainsi, Penang, Malaysia. December 20-24.
536. Sriraman, Bharath (2013). Invited workshop on mathematical problem posing at the Icelandic Mathematics Teachers Society, Reykjavik. March 11.
537. Sriraman, Bharath (2013). Complexity in Model Eliciting Activities. Keynote at 1. Türk Bilgisayar ve Matematik E itimi Sempozyumu [1st Annual Turkish Symposium in Mathematics Education], Karadeniz Technical University- Trabzon, Turkey, June 20-22, 2013.
538. Modeling in Mathematics Education, Doctoral Seminar, Ahi Evran Üniversitesi, Kirshehir- Turkey, June 25, 2013
539. Identity and Innovation in Mathematics Education, Doctoral Seminar, Ahi Evran Üniversitesi, Kirshehir- Turkey, June 26, 2013
540. Creativity Research in Mathematics Education, Doctoral Seminar, Ahi Evran Üniversitesi, Kirshehir- Turkey, June 27, 2013
541. Scientific Publishing . Ahi Evran Üniversitesi, Doctoral Seminar, Ahi Evran Üniversitesi Kirshehir- Turkey, June 28, 2013
542. Proof research in mathematics education. Ahi Evran Üniversitesi, Kirshehir- Turkey, July 1, 2013
543. Sriraman, Bharath (2013). Methodological Issues in Mathematics Education

- Research. Roundtable Talk with Mathematics Educators. University of the Western Cape, South Africa, September 16, 2013
544. Sriraman, Bharath (2013). Developments and directions in research in the teaching and learning of Mathematical Modelling and the applications of Mathematics. Seminar for graduate and postgraduate students. University of the Western Cape, South Africa, September 17, 2013.
545. Sriraman, Bharath (2013). The Dynamics and Dogmas in the Knowledge Industry: Philosophy, Empiricism and Bibliometrics. Public Lecture/Colloquium at University of the Western Cape, South Africa, September 18, 2013.
546. Sriraman, Bharath. (2013). A survey of myths about high ability educational studies. Invited Faculty Seminar, University of Iceland, December 13, 2013.
547. Sriraman, Bharath (2013). Transcending the disciplinary boundaries of mathematics and science- The case of creativity. Invited Seminar at the "Creativity and giftedness in mathematics education" Symposium. University of Tromso, Norway. December 18, 2013.
548. Sriraman, Bharath (2014). Construing and constructing the regular heptadecagon. UM Undergraduate Mathematics Seminar, April 2014.
549. Sriraman, Bharath (2014). Qualitative research methods in mathematics education. Invited Faculty Seminar, University of Iceland, March, 2014.
550. Sriraman, Bharath (2014). Mathematical Pathologies as pathways to creativity. Plenary talk at the 2014 Culture and Creativity Nordic Conference for Mathematics Teacher Educators in Kirkenes, Norway. Sept. 30, 2014.
551. Sriraman, Bharath (2014). R&D session on ill-posed problems, 2014 Culture and Creativity Nordic Conference for Mathematics Teacher Educators on MS-Trollfjord en route to Kirkenes-Tromsø, Sept.30-Oct. 2, 2014.
552. Sriraman, Bharath (2014). Workshop on creativity and problem-solving. 2014 Culture and Creativity Nordic Conference for Mathematics Teacher Educators on MS-Trollfjord en route to Kirkenes-Tromsø, Sept. 30-Oct. 2, 2014.
553. Sriraman, Bharath (2014). Workshop on creativity in mathematical modeling. University of Iceland, November, 2014.
554. Sriraman, Bharath (2015). Mathematical Pathologies as pathways to creativity. Plenary Talk at MEM 2015- Bogota, Colombia, March 2015
555. Sriraman, Bharath (2015). Mathematical Pathologies as pathways to creativity. Colloquium Talk, Teachers College- Columbia University, March 2015.
556. Sriraman, Bharath (2015). The Hobbesian Wake in the Internationalization of Mathematics Education. Linköping Spring Seminar in Mathematics Education, Sweden May 2015.
557. Sriraman, Bharath (2015). The Hobbesian Wake in the Internationalization of Mathematics Education. Open Lecture, University of Iceland, May 2015.
558. Sriraman, Bharath (2015). Beliefs and Motivation of Undergraduate mathematics students. Discussion Forum, Universidad Militar Nueva Granada, Colombia June 2015.
559. Sriraman, Bharath (2015). Writing workshop for master's thesis students. Universidad Antonio Nariño, Bogota, Colombia June 2015.
560. Sriraman, Bharath (2015). Issues in talent development in mathematics. Open Lecture at Universidad Antonio Nariño, Bogota, Colombia June 2015.
561. Sriraman, Bharath (2015). Issues in talent development. Invited Lecture at



- Interdisciplinary Center for the Research and Advancement of Giftedness and Excellence & Edmond J. Safra Center for Brain Research in Study of Learning Disabilities, University of Haifa, Israel, June 2015.
562. Sriraman, Bharath (2015). Mathematical pathologies as pathways into creativity. Plenary talk at 9th INTERNATIONAL CONFERENCE MATHEMATICAL GIFTEDNESS AND CREATIVITY (MCG) , Sinaia, Romania, June 25 - 28, 2015
563. Sriraman, Bharath (2015). Mathematical pathologies as pathways into creativity. Colloquium in Interdisciplinary Colloquium Series at Kaput Center for Research and Innovation in STEM Education, University of Massachusetts- Dartmouth, Oct. 21st.
564. Sriraman, Bharath (2015). Symposium workshop: Mathematical creativity-musings from the past decade. Kaput Center for Research and Innovation in STEM Education, University of Massachusetts- Dartmouth, Oct. 21st.
565. Sriraman, Bharath (2016). Vinnustofa um skapandi stærðfræði (Workshop on Creative Mathematics), University of Iceland, March 17.
566. Sriraman, Bharath (2016). The Hobbesian Wake in the Internationalization of Mathematics Education. John Ranton McIntosh Visiting Scholar Talk, University of Saskatchewan, June 22nd.
567. Sriraman, B. (2016). "Pure or Applied Mathematics: Trends in International Mathematics Curriculum". Plenary at International Trends in Education and Math Curriculum: Diagnosis on Romania conference organized by the Romanian Mathematical Society in Bucharest, Romania, Sept. 24 -25.
568. Sriraman, B. (2017). Workshop on "Educational Publishing in STEM Education" for faculty and postgraduate students in the School of Educational Studies. University Sains Malaysia. Penang, Malaysia, Jan. 7-11.
569. Sriraman, B. (2017). Theories of mathematics education. Lecture in School of Educational Studies. University Sains Malaysia. Penang, Malaysia, Jan 7-11.
570. Sriraman, Bharath (2017). Regular polygons and Roots of Unity- using theory of equations. Undergraduate Seminar- Mathematical Sciences. University of Montana. January 25.
571. Sriraman, Bharath (2017). Workshop on creative mathematics. University of Iceland, February 2017.
572. Sriraman, Bharath (2017). Institute Day at Phoenix Union School District, Phoenix AZ October 18-20,2017.
573. Sriraman, Bharath (2017). Public presentation of Attila Szabo's dissertation topic "the relevance of high ability in mathematics". Stockholm University, Sweden, November 10.
574. Sriraman, Bharath (2017). Dimensions of mathematical thinking and learning in the 21<sup>st</sup> century. Invited Research Seminar Talk, Stockholm University, Sweden, November 9.
575. Sriraman, Bharath (2017). Imre Lakatos and Mathematical pathologies. Karcher Colloquium Talk, Dept. of Mathematics, University of Oklahoma, November 30.
576. Sriraman, Bharath (2017). Dimensions of mathematical thinking and learning in the 21<sup>st</sup> century. RUME Plenary Talk, University of Oklahoma, December 2.
577. Sriraman, Bharath (2018). Imre Lakatos and Mathematical pathologies. UM Undergraduate Seminar, Fall 2018
578. Sriraman, Bharath (2018). Imre Lakatos and Mathematical pathologies. Invited

- Colloquium Talk - Dept. of Mathematics Education, Seoul National University, South Korea. January 8.
579. Sriraman, Bharath (2018). Issues in talent development: A macro perspective. Math Ed Symposium. Dept. of Mathematics Education, Seoul National University, South Korea. January 9.
580. Sriraman, Bharath (2018). Lectures on Inquiry Based Learning. Doctoral Course- University of Tromso, August and November 2018.
581. Sriraman, Bharath (2019). Lecture on Ancient conceptions of Number. Indian Teacher Ed Program, University of Saskatchewan, Jan.30.
582. Sriraman, Bharath (2019). Lecture on Powers of 10 & Fermi Problems. Elementary Ed Program, University of Saskatchewan, Jan. 31.
583. Sriraman, Bharath (2019). Euler - the master of us all. UM Undergraduate Math Seminar. Spring 2019.
584. Sriraman, Bharath (2019). Workshop on Creativity and University Mathematics (Education). University of Agder, Kristiansand. June
585. Sriraman, Bharath (2019). Uncertainty as a catalyst for mathematical creativity Plenary talk. 11th International Conference on Mathematical Creativity and Giftedness (MCG 11), Hamburg, Germany, August 23.
586. Sriraman, Bharath (2019). What is Mathematics? A measurement viewpoint. Lecture to teacher education students, University of Tromso, Norway, September 18.
587. Sriraman, Bharath (2019). What is Mathematics? An axiomatic viewpoint. Lecture to Masters education students, University of Tromso, Norway, September 17.
588. Sriraman, Bharath (2020). Viete and Lord Brouncker- Two representations of  $\pi$ . UM Undergraduate Seminar, Spring 2020.
589. Sriraman, Bharath (2020). Masters Data analysis workshop. University of Tromso, Norway, February 2020.
590. Sriraman, Bharath (2021). Mathematics in the Humanities or Humanities in Mathematics: An Obverse exploration. Vanderbilt University, Center for Digital Humanities. November 9
591. Sriraman, Bharath (2022). Gifted Education and University Mathematics (Education). Karlstad University, Sweden, June.
592. Sriraman, Bharath (2022). Expert and Novice strategies navigating uncertainty in mathematics, University of Tromso, June.
- The following university lectures were delivered at [Ahi Evran University](#), Kirshehir, Turkey
593. Sriraman, Bharath (2023). Trends in Mathematics Education Research. May 29
594. Sriraman, Bharath (2023). The history of mathematical practices. May 29
595. Sriraman, Bharath (2023). Euclidean Geometry in the 21<sup>st</sup> Century: Practices and Pathologies.

### Participation in Meetings

- Participated in the MAA- NEXT meeting held at Portland State University, June 2002.
- Participated in the Mathematics Education Visions meeting in Helena, April 2003.
- Participated in the MAA-NEXT meeting held at Whitman College in Walla-Walla. Panelist for the "Classroom Conundrums" Session. June 2003.
- Participated in Lessons from Continuity and Change in the Fourth Polar Year Symposium, March 4-7, 2009, University of Alaska, Fairbanks.
- Participated in The Roeper Review Conference, Birmingham, Michigan, April 2009.
- Participated in the First "Friends of Mathematics Education" Symposium March 13-15, 2013 in Berlin, Germany, hosted by the Deutsche Telekom Foundation and the Deutsche Mathematiker- Vereinigung.

### TEACHING

Courses taught at The University of Montana

Summer 2002

Math 541: Probability and Statistics

Fall 2002

Math 130: Mathematics for Elementary School Teachers

Math 431: Euclidean and Non-Euclidean Geometry

Spring 2003

Math 131: Mathematics for Elementary School Teachers -2

Math 504: Mathematics Education Research Seminar [Proofs & Refutations]

Summer 2003

Math 550: Analysis

Math 510: Problem Solving for Teachers

Fall 2003

Math 130: Mathematics for Elementary School Teachers

Math 431: Euclidean and Non-Euclidean Geometry

Math 595: Proof: Teaching, Research & Assessment

Spring 2004

Math 605: Learning Theories in Mathematics

Math 131 Mathematics for Elementary School Teachers -2

Summer 2004

Math 520: Algebraic Structures

Math 526: Discrete Mathematics

Fall 2004

Math 130: Math for Elementary School Teachers-1

Math 500: Contemporary Mathematics Curriculum

Spring 2005

Math 131: Mathematics for Elementary School Teachers -2

Math 602: Teaching Collegiate Mathematics

Math 504: Mathematics Education Seminar [Where Mathematics Comes From]

Summer 2005

Math 541: Probability and Statistics

Math 504: Mathematics of Curves

Fall 2005

Math 606: Current Topics in the History of Mathematics [Indian, Arab and Chinese Mathematics]

Math 130: Mathematics for Elementary School Teachers

Math 504: Mathematics Education Seminar [Classics in Mathematics Education]

Spring 2006

Math 691: Qualitative Research methods in mathematics education

Math 131: Mathematics for Elementary school teachers-2

Fall 2006

Math 152: Honors Calculus 1

Math 294: Honors Calculus Seminar

Math 431: Euclidean and non-Euclidean Geometry

Math 600: Mathematics Colloquium

Spring 2007

Math 153: Honors Calculus 2

Math 294: Honors Calculus Seminar

Math 406: History of Mathematics

Math 600: Mathematics Colloquium

Fall 2007

Math 152: Honors Calculus 1

Math 294: Honors Calculus Seminar

Math 431: Euclidean and non-Euclidean Geometry

Spring 2008

Math 153: Honors Calculus 2

Math 294: Honors Calculus Seminar

Math 406: History of Mathematics

Fall 2008

Math 431: Euclidean and Non-Euclidean Geometry

Math 602: Teaching Collegiate Mathematics

ANTH/HIST/AS/MATH 395: In search of Zoroaster and Brahma

Math 600: Mathematics Colloquium

Spring 2009

Math 305: Introduction to Abstract Mathematics

Math 606: Topics in the History of Mathematics - The 4 Big Problems [The Basel Problem, The Simpson

Problem, The Curvature Problem and Kepler's Conjecture]

Math 504: Mathematics education seminar [Proofs and Refutations]

Math 597 (09): Research credits

Research on teaching/learning proof [Nick Haverhals]

Research on Beliefs and Mathematics [Matt Roscoe]

Math 690 (02): Supervised Internship

Fall 2009-Spring 2010: On Sabbatical and Faculty Exchange Leave

Spring 2010 [University of Tromso, Norway, Doctoral Course]

PED-8005: Mathematics - creativity - culture: Indigenous profiles and interdisciplinary approaches to innovation, teaching and learning

Fall 2010

Math 307 Introduction to Abstract Mathematics

Math 437 Euclidean and Non-Euclidean Geometry

Spring 2011

Math 136 Mathematics for Elementary School Teachers-2

Math 429 History of Mathematics

Fall 2011

Math 307 Introduction to Abstract Mathematics

Math 609 Research Methods in Mathematics education

Spring 2012

Graduate Course: Filosofía de la Educación Matemática, Teorías del aprendizaje, Fundamentos para la investigación en Educación Matemática y La resolución de problemas en el Siglo XXI, Facultad de Ciencias Exactas, Naturales y Agrimensura de la UNNE. Argentina, March 2012

Summer 2012

Math 570: Calculus for Middle School Teachers

Fall 2012

Math 307 Introduction to Abstract Mathematics

Math 602 Teaching Collegiate Mathematics

UiT/UM: Reading Course on Mathematical Creativity

Spring 2013

Math 307: Introduction to Abstract Mathematics

Math 429: History of Mathematics

Summer 2013

Math 574: Probability and Statistics for Teachers

Fall 2013

Math 136- Mathematics for Elementary School Teachers-2

Math 439- Euclidean and Non Euclidean Geometries

Spring 2014

Math 307: Introduction to Abstract Mathematics

Math 429: History of Mathematics

Math 429H: Honors section of History of Mathematics

Fall 2014

Math 136- Mathematics for Elementary School Teachers-2

Math 307: Introduction to Abstract Mathematics

Spring 2015

Math 105- Contemporary Mathematics

Math 136- Mathematics for Elementary School Teachers-2

Fall 2015

Math 132: Numbers and Operations for Elementary Teachers

Math 439: Euclidean and Non-Euclidean Geometry

Spring 2016

Math 326: Number Theory

Math 429: History of Mathematics

Summer 2016

Math 501: Mathematics with Technology for Teachers.

Fall 2016

Math 132: Number and Operations for Elementary School Teachers

Math 439: Euclidean and Non-Euclidean Geometry

Spring 2017

Math 133: Geometry for Elementary School Teachers (2 sections)

Fall 2017

Math 133: Geometry for Elementary School Teachers (2 sections)

Spring 2018

Math 132: Numbers and Operations for Elementary Teachers

Math 326: Number Theory

Math 504: Mathematics Education Seminar

Fall 2018

Math 133: Geometry for Elementary School Teachers

Math 439: Euclidean and Non-Euclidean Geometry

Summer 2018

PED-8009 Design and Research in Inquiry based Mathematics Teaching, PhD course-The Department of Education, UiT-The Arctic University of Norway (with Morten Blomhøj)

Spring 2019

Math 133: Geometry for Elementary School Teachers

Math 429: History of Mathematics

Summer 2019

Math 573: Geometry for Middle School Teachers

Fall 2019

Math 133: Geometry for Elementary School Teachers

Math 439: Euclidean and Non-Euclidean Geometry

Spring 2020

Math 133: Geometry for Elementary School Teachers

Math 429: History of Mathematics

Math 504: Mathematics Education Seminar

Summer 2020

Math 501: Mathematics with Technology for Teachers.

Fall 2020

Math 133: Geometry for Elementary School Teachers (2 sections)

Math 605: Learning Theories in Mathematics

Spring 2021

Math 133: Geometry for Elementary School Teachers

Math 429: History of Mathematics

Fall 2021

Math 439: Euclidean and Non Euclidean Geometry

Math 609: Research Methods in Mathematics Education

Math 597: Independent Study (Research on Creativity and Giftedness in Mathematics Education)

Spring 2022

Math 133: Geometry and Measurement for Elementary School Teachers

Math 326: Number Theory

Math 597: Independent Study (Positive Psychology & Well Being in Mathematics Education)

Fall 2022

Math 132: Number and Operations for K-8 Teachers

Math 133: Geometry and Measurement for K-8 Teachers

Math 504: Mathematics Education Seminar

Spring 2023

Math 429: History of Mathematics

Math 602: Teaching Collegiate Mathematics

Fall 2023

Math 439: Euclidean and non-Euclidean Geometry

Math 132: Number and Operations for K-8 Teachers

Spring 2024

Math 326: Number theory

Math 133: Geometry and Measurement for K-8 Teachers



Courses taught at Northern Illinois University

Math 101: Core Competency in Math

Math 110: College Algebra

Math 155: Elementary Functions and Trigonometry Math 201: Mathematics for Elementary

School Teachers Math 210: Finite Mathematics

Math 211: Calculus for Business and Social Sciences (taught recitations) Math 229: Calculus 1

Math 230: Calculus 2

Math 302: Introduction to Geometry (assisted the professor by grading homework and tutoring students)

Courses taught at Ottawa Township High School

Algebra 1

Algebra 2

Integrated Mathematics 1

Integrated Mathematics 2

Independent Studies in Mathematics

(The integrated mathematics curriculum is from the Core-Plus Mathematics Project of Western Michigan University)

## **SERVICE**

Academic Service

1. Reviewer for Oxford University Press (History and Philosophy of Science Book Proposals), 2020-
2. Reviewers for Springer (Journal Proposals), 2019-
3. Reviewer for Brill Publishers, 2019-
4. Reviewer for For the Learning of Mathematics, 2019-
5. Reviewer for Journal of Mathematical Behavior, 2019-
6. Reviewer for Creativity Research Journal, 2018-
7. Ad-hoc Book Proposal Reviewer for Princeton University Press and Birkhauser
8. Reviewed Kathleen Clark Jost Bürgi's Arithmetische und Geometrische Progress Tabulen (1620) (240 pages)
9. Reviewer for Educational Studies in Mathematics, 2011-
10. Reviewer for epiStEME-3, 3rd International Conference to review Science, Technology & Mathematics Education, Tata Institute of Fundamental Research, Mumbai India, 2008-09
11. Reviewer for Encyclopedia of Creativity, Giftedness and Talent, SAGE Publishers [reviewed 15 chapters for this book]
12. Reviewer for Pedagogies, 2007-

13. Reviewer for Nordic Studies in Mathematics Education, 2006-
14. Reviewer for Handbook of International Research in Mathematics Education (2nd Edition) [reviewed 10 chapters (one-third) of the Book. Acknowledged by Editor in the Preface of the book]
15. Reviewer for 5th Congress of European Research in Mathematics Education –Modelling and Applications Group, 2006-2007
16. Reviewer for Educational Studies in Mathematics, 2006-
17. Reviewer for Journal for Research in Mathematics Education, 2006-
18. Reviewer for Roeper Review, 2005-
19. Reviewer for 4th Congress of European Research in Mathematics Education –Modelling and Applications Group, 2004-2005.
20. Reviewer for Interchange: A Quarterly Review of Education, 2004-
21. Reviewer for International Journal of Technology in Mathematics Education, 2005-
22. Reviewer for Journal of Educational Thought, 2004-
23. Reviewer for Journal for the Education of the Gifted, 2004-
24. Reviewer for the XXVII Annual meeting of the Psychology of Mathematics Education- North America, held in Roanoke, Virginia, 2005.
25. Reviewer for Gifted Child Quarterly, 2004-
26. Reviewed Fierro & Holt: Math for Elementary Teachers (revised edition) for [John Wiley & Sons], 2005.
27. Reviewed Fierro & Holt: Math for Elementary Teachers for [John Wiley & Sons], 2004.
28. Reviewed Mathematics in Life, Society, and World for Thompson/Brooks-Cole, 2004.
29. Referee for Mathematical Thinking and Learning: An international journal, 2003-
30. Reviewer for the XXVI Annual meeting of the Psychology of Mathematics Education- North America, Toronto, Canada, 2004.
31. Reviewer for ICME-10/TSG24. 10th International Congress on Mathematics Education (TSG24: The affective domain), Copenhagen, 2004.
32. Reviewer for the XXIV Annual meeting of the Psychology of Mathematics Education- North America, held in Athens, Georgia. 2002.

#### University Committee Service

1. 2002-2003. Search Committee Member for Mathematics Lecturer Position.
2. 2002- 2003. Search Committee Member for Coordinator of Developmental Math Position.
3. 2002-2003. Undergraduate Mathematics Committee.
4. 2003-2004. Graduate Mathematics Committee.
5. 2003-2004. Library Committee.
6. 2003-2004, TA- Part Time Instructors' evaluation committee
7. 2003-2004, Co-ordinator for Math 130/131
8. 2004-2005, Co-ordinator of Math 130/131
9. 2004-2005, Search Committee for Tenure Track Mathematics Education Position
10. 2004-2005, TA- Part Time Instructors' evaluation committee
11. 2004-2005, Graduate Mathematics Committee
12. 2005-2006, Search Committee for Tenure Track Mathematics Education Position
13. 2005-2006, Co-ordinator of Math 130/131
14. 2005-2006, TA- Part Time Instructors' evaluation committee
15. 2005-2006, Graduate Mathematics Committee

16. 2006-2007, Colloquium Committee Chair
17. 2006-2007, Library Committee Chair
18. 2006-2007, Search Committee for Tenure Track Mathematics Education Position
19. 2007-08, Appointed to International Committee
20. 2007-08, Colloquium Committee
21. 2007-8, Undergraduate Committee
22. 2007-08, Advisory Board of Central and Southwest Asian Studies
23. 2007-08, Appointed to International Committee
24. 2008-09, Colloquium Committee Chair
25. 2008-09, International Committee
26. 2008-09, Advisory Board of Central and Southwest Asian Studies
27. 2010-11, Library Committee Chair
28. 2010-11, Advisory Board of Central and Southwest Asian Studies
29. 2011-2012, Library Committee
30. 2011-2012, Faculty Evaluation Committee [Mathematical Sciences]
31. 2011-2012, Search Committee for Tenure Track Mathematics Education Position
32. 2011-2012, Advisory Board of Central and Southwest Asian Studies
33. 2012-2013, Faculty Evaluation Committee [Mathematical Sciences]
34. 2012-2013, UM Diversity Advisory Council
35. 2012-2013, Library Committee Chair
36. 2012-2013, UM India Advisory Council
37. 2012-2013, Advisory Board of Central and Southwest Asian Studies
38. 2013-2014, UM Writing Committee
39. 2013-2014, UM Diversity Advisory Council
40. 2013-2014, UM India Advisory Council
41. 2013-2014, Advisory Board of Central and Southwest Asian Studies
42. 2013-2014, Faculty Evaluation Committee Chair [Mathematical Sciences]
43. 2014-2015, Library Committee
44. 2014-2015, Faculty Evaluation Committee Chair [Mathematical Sciences]
45. 2014-2015, Mathematics Education Search Committee [Chair]
46. 2015-2016, Library Committee
47. 2015-2016, Faculty Evaluation Committee Chair [Mathematical Sciences]
48. 2015-2016, Library Committee [Chair]
49. 2015-2016, UM Writing Committee
50. 2015-2016, Advisory Board of Central and Southwest Asian Studies
51. 2016-2017, UM International Committee
52. 2016-2017, UM Diversity Council
53. 2016-2017, Library Committee
54. 2016-2017, Advisory Board of Central and Southwest Asian Studies
55. 2017-2018, Library Committee
56. 2017-2018, Diversity Advisory Council
57. 2017-2018, Advisory Board of Central and Southwest Asian Studies
58. 2018-2019, Library Committee
59. 2018-2019, Faculty Evaluation Committee Chair [Mathematical Sciences]
60. 2018-2019, Advisory Board of Central and Southwest Asian Studies
61. 2019-2020, Faculty Evaluation Committee Chair [[Mathematical Sciences]
62. 2019-2020, Advisory Board of Central and Southwest Asian Studies

63. 2019-2020, Library Committee
64. 2020-2021, Library Committee
65. 2020-2021, Advisory Board of Central and Southwest Asian Studies
65. 2021-2022, Library Committee
66. 2021-2022, Advisory Board of Central and Southwest Asian Studies
67. 2022-2023, Faculty Evaluation Committee Chair [Mathematical Sciences]
68. 2022-2023, Advisory Board of Central and Southwest Asian Studies
69. 2023-2024, Library Committee
70. 2023-2024, Graduate Committee
71. 2023-2024, Advisory Board of Central and Southwest Asian Studies

#### Outreach Activities

1. Two lectures on the History of Mathematics at CS Porter Middle School- Missoula, MT [2011-2012]
2. Mathematics Enrichment (Volunteer) Teacher [3rd Grade] at Cold Springs Elementary School, Missoula, MT, 2012-2013.
3. Establishment of Gifted Academy at Phoenix Union School District, Phoenix AZ, 2017-
4. Advisory Board of Gifted Academy at Phoenix Union School District, Phoenix AZ 2018-
5. External Examiner for Doctoral Courses M602 [Learning Theories] and M607 [Research Methodologies], Dept. of Mathematics, University of Agder, Norway, 2010- present

#### SUPERVISION OF CREATIVE ACTIVITY

1. Thesis Supervisor: Marcelo Almora Rios (University of Montana), 2022-2023  
Title: "Should Wellbeing be the same as perfection? A case study on student wellbeing in higher mathematics education" Thesis defense: December 2022
2. Dissertation Committee Member: Ingolfur Gislason (University of Iceland), 2017-2022  
Title: Exploring students' mathematical meaning making in an upper secondary school classroom with a teacher emphasising dialogues and the use of technology. Defense: March 2023
3. Dissertation Supervisor : Osk Dagsdottir (University of Iceland), 2017-2022  
Title: Creative Mathematics: Professional Development in an Icelandic Compulsory School Proposal defended: May 2020; Dissertation Defense: May 2022
4. Dissertation Opponent. Shipra Sachdeva. Norwegian University for Science and Technology (NTNU) . Fall 2021
5. Dissertation Opponent. Raimundo Jose Elicer Coopman. On the teaching and learning of probability and statistics in the perspective of Critical Mathematics Education, Roskilde University, December 2020
6. External Dissertation Examiner. Rebecca Marrone. Twenty-First Century STEM Citizens: Equipping students and educators with creativity and confidence to enable positive attitudes toward mathematics. Dept. of Psychology, University of South Australia, June 2020
7. External Dissertation Examiner. Dept. of Philosophy, University of New England Australia, June 2018.
8. External Dissertation Examiner. Betsy Lee Guat Poh (Universiti Sains Malaysia; Penang)  
Title: The Impact of Mathematical Writing on mathematical problem solving skills and metacognition among first year university students. April 2018
9. External Dissertation Examiner. Dept. of Philosophy. University of New England,

- Australia. May 2018.
10. Dissertation Consultant. Paul Regier. Dept. of Mathematics, University of Oklahoma.
  11. External Dissertation Examiner. Komathi Jairaman (University of Malaya; Kuala Lumpur)  
Title: Pre-service mathematics teachers' subject matter knowledge of measures of central tendency. December 2017
  12. Dissertation Opponent. Attila Szabo, Stockholm University, November 2017  
Title: Mathematical abilities and mathematical memory during problem solving and some aspects of mathematics education for gifted pupils
  13. External Dissertation Committee Member. Ruzela Binti Tapsir (University of Malaya; Kuala Lumpur-Malaysia).  
Title: The development and validation of an instrument to measure values in mathematics classrooms of matriculation lecturers. May 2017
  14. Dissertation Committee member: Gale Russell (University of Saskatchewan, Canada).  
Dissertation defended June 23, 2016.  
Title: Valued kinds of knowledge and ways of knowing in mathematics: A worldview analysis.
  15. Dissertation committee member: Regina Sievert (School of Education). Dissertation defended in July 2014
  16. Dissertation co-Chair of Rachel Chaphalkar (Math Sciences). Dissertation completed Jan 2015.  
Title: A longitudinal study of students' reasoning about variation in distributions in an introductory college statistics course
  17. Dissertation Committee Member: Pierra Bicard (University of South Africa). Dissertation defended December 2013.  
Title: Developing didacticisation practices in primary school mathematics teachers through modelling.
  18. Spring Fall 2008- 2011: PhD Supervisor of Matt Roscoe & Nick Haverhals, The University of Montana. Both PhDs completed May 2011.  
Title: Informal mathematics activities and the beliefs of elementary teacher candidates (Matt Roscoe)  
Title: Proof trajectories- Results of a longitudinal qualitative study (Nick Haverhals)
  19. Spring 2006- 2008: PhD Committee of Hillary van Spronsen, Mathematical Sciences, The University of Montana. Dissertation completed August 2008.
  20. 2006-07, EdD Comprehensive Exam Committees of Amy Burland, Regina Sievert, School of Education, The University of Montana
  21. Dissertation Co- Supervisor, Narges Yaftian, Iran University of Science and Technology, June 2010- May 2013.  
Title of Dissertation: Examining experiences with creative activities with novice learners of mathematics to identify a mathematical model of influential factors
  22. Dissertation Co-Supervisor, Haavold Per Øystein, University of Tromsø, Norway, Spring 2010- December 2013  
Title of Dissertation: What are the characteristics of mathematical creativity: An empirical and theoretical investigation.
  23. Dissertation Opponent of Jonas Bergman Arleback, University of Linköping, Department of Mathematics. Sweden, March 12, 2010.  
Title: Mathematical modelling in upper secondary mathematics education in Sweden

24. Dissertation Co-Chair of Nicholas Mousoulides, University of Cyprus  
Dissertation completed: April 27, 2007.  
Title: Modeling Perspectives in the Teaching and Learning of Mathematical Problem Solving at the Elementary and Secondary School Level
25. Dissertation Co-chair, Bettina Roesken, Institute of Mathematics, University of Duisburg-Essen, Germany; 2006-2009  
Title: Hidden Dimensions in the professional development of mathematics teachers: In-Service Education for and with Teachers
26. Dissertation Committee Member of Serdar Aztekin , Gazi University- Ankara, Turkey;  
Dissertation completed: July 2008.  
Title: Concepts of Graduate Mathematics Students and Elementary school student about infinity: A repertory grid approach
27. Dissertation Committee Member of Xianwei Yuan, Dept. of Mathematics. Illinois State University. 2006-2009.  
Title: An exploratory study of high school students' creativity and mathematical problem posing in China and the United States.
28. Dissertation Co-chair of Yasemin Kyymaz , Gazi University-Ankara, Turkey;  
Dissertation completed: 2007- 2009.  
Title: A Qualitative Study of Mathematical Creativity of Pre-service Secondary School Teachers In Challenging Problem-solving Situations
29. Dissertation Committee Member of Cagri Biber, Gazi University- Ankara, Turkey; [2006-2009]
30. Dissertation (external evaluator) of Janeen Lamb, Australian Catholic University, [2005-2010] Title: Implementing mandated curriculum reform: Sources of support for teacher meaning-making
31. Dissertation Consultant of Katrin Rolka, Institute of Mathematics, University of Duisburg-Essen, Germany. Dissertation completed: August 2006.  
Title: Beliefs an der Schnittstelle von Mathematikdidaktik und Kognitionspsychologie auf der Basis einer empirischen Erhebung
32. External Referee: Reinhard Woschek: Institute for Mathematics, University of Duisburg-Essen, Germany. Dissertation Completion Date: June 2005  
Dissertation Title: TIMMS2 elaboriert – Eine didaktische Analyse von Schülerarbeiten im Ländervergleich Schweiz/Deutschland.
33. Master's project committee: Elizabeth Lask (Math Sciences). Project completed May 2014
34. Master's thesis committee : Clinton Mckay (Computer Science). May 2014  
Title: Introduction to Parallel Computing

#### VISITING SCHOLARS HOSTED AT THE UNIVERSITY OF MONTANA

- Richard Lesh, Indiana University [Fall '05, Fall '06]
- Paul Ernest, University of Exeter, UK [Spring '06]
- Andy Hurford, UT Austin/ US Air force Academy [Fall '06]
- Lyn English, Queensland University of Technology, Australia [Summer '07, Summer '08]
- Nicholas Mousoulides, University of Cyprus [Summer '07]
- Olof Steinhorsdottir, University of North Carolina, Chapel Hill Spring '08]
- Günter Törner, University of Duisburg-Essen [Fall '07]
- Gabriele Kaiser, University of Hamburg [Fall '07]

- Michael DeVilliers, University of Kwazulu- Natal, South Africa [Spring '08]
- Gudbjorg Palsdottir, University of Iceland [Summer '09]
- Brian Greer, Portland State University [Spring 09]
- Michael N. Fried, Ben Gurion University of the Negev, Israel [Sept 2010]
- Simon Goodchild, University of Agder, Norway [December 2010]
- Kim Jiwon, Gyeongin National University of Education, South Korea [Jan/Feb 2011]
- Guðný Helga Gunnarsdóttir, University of Iceland [Spring 2011]
- Egan Chernoff, University of Saskatchewan, Canada [Spring 2013]
- Thomas Hempfling, Executive Editor Birkhauser/Springer [Fall 2019]
- Michael N. Fried, Ben Gurion University of the Negev, Israel [Fall 2019]

#### GRANT EVALUATOR

Social Sciences and Humanities Research Council of Canada- Evaluator for grants on innovation and talent development

National Science Center, Poland

Israeli Science Foundation

South African National Research Council

#### TENURE AND PROMOTION EVALUATOR

1. North Carolina State University, for Full Professor, 2009
2. Memorial University, New Foundland, Canada, for Associate Professor, 2008
3. University of Moncton, New Brunswick, Canada, for Full Professor, 2009
4. University of Texas, Austin, for tenure and promotion, 2010
5. University of Texas, San Antonio for tenure , 2014
6. University of Massachusetts, Amherst for tenure and promotion to Associate Professor, 2014
7. University of Iceland, for promotion to Associate Professor, 2013
8. University of Iceland, for promotion to Associate Professor, 2015
9. Tata Institute of Fundamental Research, India- Promotion to Full Professor, 2015
10. Purdue University, tenure and promotion to Associate Professor, Fall 2016
11. Brooklyn College: External Evaluation for Promotion to Full Professor, December 2016
12. Simon Fraser University: Nomination for Canada Research Chair, Fall 2016
13. University of Oklahoma, tenure and promotion to Associate Professor, August 2017
14. Ohio State University, tenure and promotion to Associate Professor, June 2018
15. Kay Academic College, Israel (Promotion to Associate Professor of Practice), Feb 2019
16. Arizona State University (Tenure and Promotion to Associate Professor), June 2019
17. Sakhnin College for Teacher Education, Israel (Promotion to Professor), November 2019
18. Marquette University, Promotion to Full Professor, July 2020
19. University of Iceland, Promotion to Full Professor, February 2021
20. Binghamton University, Tenure and Promotion to Associate Professor, Fall 2021
21. University of Tromso, Promotion to Full Professor, Fall 2021
22. Universiti Sainsi Malaysia, Promotion to Full Professor, Summer 2022
23. University of Colorado-Boulder, tenure, Summer 2022
24. Texas State University, San Marcos, Promotion to Full Professor, Summer 2023