

22nd Biennial ACMS Conference : Indiana Wesleyan University : Marion, IN : May 29 - June 1, 2019
All events except pre-conference workshops held in Barnes Student Center
Check-in in Barnes Student Center Piazza

Tuesday, May 28	
6:00 - 7:30 pm	Off-campus dinner for pre-conference attendees arriving Tuesday (Meet at registration table at 6:00 to carpool to restaurant)
Wednesday, May 29	
7:30 - 8:30 am	Breakfast (Baldwin)
9:00 - 12:00 am	Pre-Conference Workshops I (R - Ott Hall 155; Prof Dev - Ott Hall 157)
12:00 - 1:00 pm	Lunch (Baldwin)
1:00 - 4:00 pm	Pre-Conference Workshops II (R - Ott Hall 155; Prof DevI - Ott Hall 157)
5:30 - 6:30 pm	Dinner (Baldwin)
7:00 - 7:15 pm	Welcome and announcements (Globe)
7:15 - 8:15 pm	Plenary Talk I – Ken Ono (Globe)
8:30 - 9:30 pm	Reception / Program (West)
Thursday, May 30	
7:00 - 7:30 am	Morning Prayer (Bedford)
7:30 - 8:30 am	Breakfast (Baldwin)
8:30 - 9:00 am	Devotions and announcements (Globe)
9:00 - 10:00 am	Plenary Talk II – Ken Ono (Globe)
10:00 - 10:30 am	Break / Snacks (Piazza)
10:30 - 11:55 am	Parallel Sessions I (Jones, Leedy, Bedford, Globe)
12:00 - 1:00 pm	Lunch (Baldwin)
1:15 - 2:30 pm	Parallel Sessions II (Jones, Leedy, Bedford, Globe)
2:45 - 3:30 pm	Prayer walk / Testimonials (Piazza)
3:30 - 4:00 pm	Break / Snacks (Piazza)
4:00 - 5:25 pm	Parallel Sessions III (Jones, Leedy, Bedford, Globe)
5:30 - 6:30 pm	Dinner (Baldwin)
6:45 - 7:45 pm	Plenary Talk III – Joan Richards (Globe)
8:00 - 9:00 pm	Topics Discussion I (Leedy, Bedford)
Friday, May 31	
7:00 - 7:30 am	Morning Prayer (Bedford)
7:30 - 8:30 am	Breakfast (Baldwin)
8:30 - 9:00 am	Devotions and announcements (Globe)
9:00 - 10:30 am	Plenary Talk IV – TBA (Globe)
10:30 - 11:00 am	Group Photo and Break / Snacks (Commons, Piazza)
11:00 - 11:55 am	Parallel Sessions IV (Jones, Leedy, Bedford, Globe)
12:00 - 1:00 pm	Lunch (Baldwin)
1:15 - 3:00 pm	Parallel Sessions V (Jones, Leedy, Bedford, Globe)
3:15 - 4:15 pm	Topics Discussion II (Leedy, Bedford)
4:15 - 6:00 pm	Break
6:00 - 7:15 pm	Banquet (West)
7:30 - 8:00 pm	ACMS Members Memorial Session (West)
Saturday, June 1	
7:30 - 8:30 am	Breakfast (Baldwin)
8:45 - 9:00 am	Announcements (West)
9:00 - 10:00 am	Plenary Talk V – Joan Richards (West)
10:15 - 10:45 am	ACMS Business Meeting (West)
10:45 - 11:45 am	Worship Service (West)
12:15 pm	Vans depart for Indianapolis Airport
12:15 - ?? pm	ACMS Executive Board Meeting (Bedford)

Parallel Session I Thurs May 30	Jones CS (A. Fonteles)	Leedy Math Ed (B. Wakeman)	Bedford Math (J. Huffman)	Globe Faith (D. Kiteck)
10:30-10:45	<i>Image Data: A Project-Based Exploration of Computer Vision</i> Ryan Yates	<i>A Modeling-driven Approach in Teaching Differential Equations</i> Mary Vanderschoot	<i>From Perfect Shuffles to Landau's Function</i> Brian Beasley	<i>Ways of thinking beautifully about mathematics</i> James Turner
10:50-11:05	<i>EventFinder: A Program for Screening Remotely Captured Images</i> Michael Janzen	<i>Specifications Grading in a Math for Liberal Arts Course</i> Lauren Sager	<i>Mosaic Number of Torus Knots</i> Lisa Hernandez	<i>Math is _____</i> Josh Wilkerson
11:10-11:25	<i>Character and Cybersecurity Education</i> Seth Hamman	<i>Small is beautiful: Leveraging the small size of departments to make rapid cultural changes</i> Daniel Showalter	<i>Numerical Range of Toeplitz Matrices Over Finite Fields</i> Maddi Guillaume, Amish Mishra, Derek Thompson	<i>Is Mathematical Truth Time Dependent? Some Thoughts Related to a Paper from Judith Grabiner</i> Richard Stout
11:30-11:55*	<i>Including Ethics in Computer Science and Mathematics Education</i> Lori Carter, Catherine Crockett	<i>An APOS Analysis of Calculus Student Comprehension of Continuity and Related Topics</i> Jayleen Wangle	<i>Marin Mersenne: Minim Monk and Modern Messenger of Monotheism, Mathematics, and Music</i> Karl-Dieter Crisman	<i>Faith, Mathematics and Science: The Priority of Scripture in the Pursuit and Acquisition of Truth</i> Bob Mallison
Parallel Session II Thurs May 30	Jones Math (B. Mallison)	Leedy Stat (J. Hoffert)	Bedford Math Ed (D. Klanderma)	Globe Faith (S. McCullough)
1:15-1:30	<i>The Boundless Confusion between Mathematics and Metaphysics</i> Matthew Bone, James Turner	<i>Supporting Underrepresented and First-Generation Students in Data Science</i> Judith Canner	<i>Flowcharts in Introduction to Proofs</i> Brandon Bate	<i>Almost 20 years of "Mathematics in a Post Modern Age" A Personal Reflection</i> Jeremy Case
1:35-1:50	<i>Maximal Elements of Ordered Sets and the Ontological Argument</i> Doug Ward	<i>Statistical Consultancy as Service Learning in Undergraduate Statistics Courses</i> Stacy DeRuiter	<i>A Different Way to Teach Infinite Series</i> Robert Brabenec	<i>Doing Mathematics the Wright Way.</i> Thomas Clark

1:55-2:10	<i>Practical Examples of Bin Packing and Critical Path Scheduling</i> Maria Zack, Greg Crow	<i>Paradigm Shift: One College's Transition from Math to Data Analytics</i> Rachel Grotheer	<i>Effective Practice and Feedback Methods in Calculus I</i> Kristin Camenga	<i>25 Bible Verses to Connect Faith and Mathematics using Weekly Devotionals, Written Reflections, and Memory Verses</i> Mark Colgan
2:15-2:30	<i>Abracadabra: Math, Magic, and More!</i> Andrew Mosteller	<i>Replacing Remedial Mathematics with Corequisites in General Education Mathematics Courses</i> Alana Unfried	<i>Analyzing retention and graduation rates at Bethel University</i> Deborah Thomas	<i>Designing a New Sequence of Three Seminars on Math and Faith at Azusa Pacific</i> Bryant Mathews
Parallel Session III Thurs May 30	Jones CS (A. Fonteles)	Leedy Math Ed (M. Royer)	Bedford Math (B. Mallison)	Globe Faith/Math (J. Huffman)
4:00-4:15	<i>Making the Connection between Biblical Concepts and Programming Basics</i> Hyunju Kim	<i>Team Work and Evaluation: Finding the Missing Link</i> Sarah Nelson	<i>Random Walk on Three "Half-Cubes"</i> Michael Pilla	<i>Teaching at a University in a Developing Country – My Experience</i> Kathy Lewis
4:20-4:35	<i>Using Agile Project Management Techniques as a Pedagogical Framework</i> Michael Leih	<i>Making Stuff Up: A Model for Undergraduate Research in Mathematics</i> Rebekah Yates	<i>The n-Children Problem</i> Adam Hammett	<i>Number Patterns and Insights for the Mathematically Apprehensive</i> Mandi Maxwell
4:40-4:55	<i>The Joys & Pains of Managing Real World Course Projects</i> Patrice Conrath	<i>A You Can Count on Monsters Number: a unifying semester project for a math-major TEX/CAS course</i> Andrew Simoson	<i>Approaching History with Graph Theory - A Review</i> Kevin Vander Muelen	<i>Glimpses of God through a Mathematician's Eyes</i> Doug Phillippy
5:00-5:25*	<i>Addressing Challenges in Creating Math Presentations</i> David Schweitzer	<i>Title: Outreach Activities to Attract Majors</i> Valorie Zonnefeld	<i>TENZI: A Fun Introduction to Markov Chains and Decisions</i> Michael Veatch	<i>Our "Top Ten" Problems</i> Owen Byer, Deirdre Smeltzer

Topic Discussion I Thurs May 30	Jones	Leedy Ryan Botts, Lori Carter, Catherine Crockett, Mike Leih	Bedford Bob Brabenec	Globe
8:00-9:00 pm		<i>Mentoring Students with Extra Challenges</i>	<i>What New Collegiate Faith/Integration Resources Can ACMS Provide?</i>	
Parallel Session IV Fri May 31	Jones Math Ed (B. Wakeman)	Leedy Stat (A. Unfried)	Bedford Math (S. McCullough)	Globe Faith (J. Hoffert)
11:00-11:15	<i>Calculus: A Part of God's Story</i> Melissa Lindsey	<i>Clean Water for Liberia</i> Randall Pruiam, Stacy DeRuiter, Matthew Bone	<i>When the Fundamental Theorem of Algebra Goes Awry</i> Russell Howell	<i>Developing Mathematicians: The Benefits of Weaving Spiritual and Disciplinary Discipleship</i> Patrick Eggleton
11:20-11:35	<i>Ongoing Adventures in Writing a Calculus Textbook</i> Bryan Dawson	<i>The Applicability of Abstract Mathematics and the Naturalist Die</i> Ricardo Cordero-Soto	<i>Lagrange's Interpolation, Chinese Remainder Theorem and Linear Equations</i> Jesus Jimenez	<i>Viewing Mathematics as an Opportunity to Practice Intellectual Virtue</i> Cory Krause
11:40-11:55	<i>Teaching Mathematics Conceptually: Promoting Change in K- 12 Math Classrooms</i> Jim Freemyer, Dave Klanderma, Lauren Sager	<i>Less Volume, More Creativity: R for Busy Humans</i> Randall Pruiam	<i>Computations in Topological CoHochschild Homology</i> Sarah Klanderma	<i>A Christian Mathematician's Response to "A Mathematician's Apology"</i> Matt Lunsford
Parallel Session V Fri May 31	Jones CS (A. Fonteles)	Leedy Stat (J. Huffman)	Bedford Math Ed (M. Royer)	Globe Faith (D. Kiteck)
1:15-1:30	<i>Towards Non-Violent and Christian Video Games</i> Benjamin Mood	<i>What are we 95% confident about anyway? A software-embedded curriculum for learning statistical inference</i> Katie Fitzgerald	<i>Overcoming Stereotypes through a Liberal Arts Math Course</i> Jessie Hamm	<i>Charles Babbage and Mathematical Aspects of the Miraculous</i> Courtney Taylor

1:35-1:50	<i>Computer Science: Sub-Creation in a Fallen World</i> Russ Tuck	<i>Celebrity Politicians</i> Ray Rosentrater	<i>Speak for Yourself: Self-Assessment as a Tool for Measuring Participation</i> Jill Jordan	
1:55-2:10	<i>A Modest Conjecture Based on Eternity in Their Hearts</i> Stefan Brandle	<i>Adventures in Introductory Statistics: Hybrid, Traditional and Then Hybrid Again</i> Ryan Botts, Greg Crow	<i>Mathematical YouTubing and Blogging</i> Bill Kinney	<i>Mathematics as Sub-Creation</i> Chris Micklewright
2:15-2:30	<i>A metaphor from competitive gaming: the crown that will last forever</i> James Vanderhyde	<i>Does Harvard discriminate against Asian Americans in admission decisions?</i> Michael Stob	<i>Analyzing the Impact of Active Learning in General Education Mathematics Courses</i> Amanda Harsy, Marie Meyer, Michael Smith, Brittany Stephenson	<i>A Conversation About Health Insurance</i> Emily Pardee
2:35-3:00*	<i>Transhumanism, Faith, and the Human Future</i> Derek Schuurman	<i>Mom and The JABEZ Principle -- Getting from Vulnerable to Resilient</i> Linn Carothers	<i>Factors that Motivate Students to Learn Mathematics</i> Dave Klanderma, Benjamin Gliesmann, Josh Wilkerson, Sarah Klanderma, Patrick Eggleton	<i>Theological implications of the identical ancestors point</i> Samuel Alexander
Topics Discussion II Friday May 30	Jones Derek Schuurman	Leedy Stephen McCarty	Bedford Josh Wilkerson	Globe
3:15-4:15	<i>New Evangelical Statement of Principles on AI</i>	<i>Advising Students for Government and Industry Job Searches</i>	<i>ACMS Resources for K-12 Christian Educators</i>	