PREMIER MATH EDUCATION EVENT

NCTM ANNUAL MEETING & EXPOSITION 2019
April 3–6 | San Diego
SAN DIEGO CONVENTION CENTER

Join Us in San Diego!

Early-Bird Deadline: MARCH 8
nctm.org/annual2019

nctm.org/annual2019 #NCTMSD2019
Immerse yourself in the complete 2019 Annual Meeting experience and attend a preconference workshop for additional instruction, best practices, and insights from the field’s leaders.

**Multitiered Systems of Support: What Are Effective Interventions and Assessments?**
Facilitators: **Barbara Dougherty**, University of Hawaii; **Karen Karp**, Johns Hopkins University

**Teaching Mathematics through Social Justice: Mathematics Ideas for the Classroom and Beyond**
Speakers: **Julia Aguirre**, University of Washington; **Rocio Benedicto**, New Mexico State University; **Kyndall Brown**, University of California, Los Angeles

**Taking Action: Implementing Effective Mathematics Teaching in the Elementary Grades**
Facilitators: **DeAnn Huinker**, University of Wisconsin-Milwaukee; **Beth Schefelker**, School District of South Milwaukee

Preregistration is required. Registration rates: $150 (with Annual Meeting registration) or $200 (workshop only); includes boxed lunch.

---

**Research Conference**
April 1-3 | San Diego Convention Center

**RESEARCH, NETWORKING, AND PRACTICE**
The 2019 Research Conference brings together the mathematics education research community to—

- interact with top scholars through Symposium and Discussion sessions.
- learn about new and developing research through Research Reports.
- participate in early career sessions targeting Research, Publishing, Grants, and more.
- engage in individual and small group mentoring and discussions with senior scholars at the Infinity Bar.
- attend Linking Research and Practice sessions on Wednesday.

**Annual Meeting registrants may attend the Research Conference on Wednesday, April 3, for FREE!** Separate registration is required for the full Research Conference. Learn more and register at nctm.org/researchconf.

Speakers include Deborah Ball, Jennifer Langer-Osuna, Mary K. Stein, Michael Battista, Jinfa Cai, Russell Gersten, Brian Lawler, Meghan Shaughnessy, and many others.
Featured Presentations

OPENING KEYNOTE | Wednesday, April 3, 5:30–7:00 p.m.

GLORIA LADSON-BILLINGS, Professor Emerita, Department of Curriculum & Instruction, University of Wisconsin-Madison

Gloria Ladson-Billings is professor emerita in the Department of Curriculum & Instruction and serves as the faculty affiliate in the Department of Educational Policy Studies, Educational Leadership and Policy Analysis, as well as in the Department of Afro-American Studies at the University of Wisconsin-Madison. Dr. Ladson-Billings was the 2005–2006 president of the American Educational Research Association and is the current president of the National Academy of Education. Her research examines the pedagogical practices of teachers who are successful with African American students. She also examines critical race theory applications in education. She is a member of the American Academy of Arts & Sciences and holds five honorary degrees from institutions in the U.S. and Europe.

CLOSING KEYNOTE | Saturday, April 6, 12:30–1:30 p.m.

TALITHIA WILLIAMS, Associate Dean for Research and Experiential Learning, Associate Professor of Mathematics, Harvey Mudd College

Renowned for her popular TED Talk, “Own Your Body’s Data,” Dr. Talithia Williams takes sophisticated numerical concepts and makes them understandable to a wide audience. She demystifies the mathematical process in amusing and insightful ways, using statistics as a way of seeing the world in a new light and transforming our future through the bold new possibilities inherent in the STEM fields.

IRIS M. CARL EQUITY ADDRESS | Friday, April 5, 11:00 a.m.–Noon

JOSÉ LUIS VILSON, New York City Department of Education

José Luis Vilson is a middle school math educator in New York City, as well as the executive director of EduColor — a coalition of teachers, parents, and other concerned citizens dedicated to the uplift of people in color in education. In 2013, he was featured on GOOD Inc.’s list of the top 100 leaders changing their worlds. He is the author of This Is Not a Test: A New Narrative on Race, Class, and Education and has spoken about issues of race, gentrification, and the teaching profession at TEDxNYED, Netroots Nation, the Save Our Schools March, and more.

“Coming to the NCTM Conference has opened my eyes to what it really means to teach math.”

— SONNIE NORLORD, Kindergarten Teacher, Parkway Elementary School

Other Featured Sessions

GRAHAM FLETCHER, Henry County Schools
Building Mathematical Knowledge for Teaching
Thursday, April 4, 8:00–9:00 a.m.

JO BOALER, Stanford University
Teaching Mindset Mathematics through Open, Creative Mathematics and Brain Science Messages
Friday, April 5, 3:00–4:00 p.m.

DAN MEYER, Desmos
Recipes for Mathematical Surprise
Saturday, April 6, 11:00 a.m.–Noon

Maximize Your Conference Experience

ANNUAL MEETING OVERVIEW & ORIENTATION
First time attending the Annual? Attend an orientation session to make the most of your time at the conference.

Wednesday, April 3, 4:00–4:30 p.m.  |  Thursday, April 4, 7:15–7:45 a.m.
Focus on Your Essential Topic

Check out strands and special areas of focus at the Annual Meeting & Exposition. Essential topics include:

Assessment: Eliciting and Using Student Thinking

Effective teaching of mathematics uses evidence of student thinking to assess progress toward mathematical understanding and to continually adjust instruction in ways that support and extend learning. Sessions in this strand will include, but are not limited to, determining mathematical goals, developing purposeful ways to elicit student thinking, making sense of student thinking, asking meaningful questions to gain deeper insights into student understanding, and using what we learn about students’ mathematical reasoning to guide our instruction.

Building on Students’ Strengths: Practices That Challenge, Engage, and Empower

Sessions in this strand focus on strengths-based teaching and learning practices for engaging and empowering each and every student. Sessions include, but are not limited to, designing and implementing instruction that affirms students’ identities as humans and as authors of mathematics, challenges students to solve rigorous and worthwhile mathematical tasks that are relevant to them, amplifies students’ voices and mathematical ideas, supports collaborative classroom communities, and leverages mathematics as a sense-making tool for personal and social change.

Professionalism & Advocacy

Who we are as professionals evolves throughout our careers. Whether participating in our first Professional Learning Community (PLC) or stepping onto the national stage, we turn to our colleagues for professional support, and they turn to us. Sessions in this strand will meet you where you are on your journey as a teacher, learner, and advocate for mathematics education and will provide you with the ideas and tools necessary to continue evolving. Expect opportunities to learn about collaborative learning experiences, mentoring, coaching, social media, and how to become an effective advocate for our profession and our students.

Beyond the Classroom Walls: Empowerment, Access, and Equity

This strand will focus on policies, strategies, and practices that support or impede access to the highest quality of mathematics teaching and learning with fair and impartial opportunity. The strand will look within and beyond the classroom to interrogate systemic barriers and explore ways to intentionally disrupt and dismantle them. Sessions will cover policy advocacy and attitudes, practices, and belief systems to empower students who have not historically seen themselves as knowers and doers of mathematics.
Creating Inclusive Classrooms: Meeting the Needs of Each and Every Student

What should we consider when thinking about creating vibrant, inclusive, and inviting classroom communities? How do we genuinely make space for full participation and meaningful contributions from each and every student? Sessions in this strand will focus on giving teachers concrete strategies to support and empower the wide range of students to fully engage and excel. Sessions in this strand may address Response to Intervention (RtI), Multitiered Systems of Support (MTSS), inclusion, multilingual education, gifted programming and instruction, and other forms of differentiation and strengths-based support strategies.

Building Mathematical Knowledge for Teaching

Building your mathematical knowledge for teaching involves both content and pedagogical knowledge. Sessions in this strand will take a participant through the decisions a teacher makes to teach a given topic. Sessions include, but are not limited to, using and connecting mathematical representations, building procedural fluency with a foundation on conceptual understanding, using technology to visualize and understand mathematical ideas, enhancing teacher content knowledge, and finding ways to articulate a topic across grade levels.

Enhancing Mathematical Thinking through Reading, Writing, Speaking, and Listening

Students regularly communicate in math class, but how can PK–12 teachers ensure that this communication is mathematically purposeful? Sessions across this strand will explore how to encourage students to engage in expressive and receptive discourse in ways that further their mathematical thinking, as well as how teachers can plan for this important aspect of instruction. Participants will explore various ways to strengthen students’ ability to prove, justify, explain, explore, argue, and reason through the use of various strategies, tools, and/or technology.

For the Love and Joy of Mathematics

Doing mathematics has the potential to be enjoyable, exciting, and awe-inspiring. Having positive experiences learning mathematics motivates future learning. Sessions in this strand are focused on the joy of doing mathematics. They may include doing math for math’s sake, ways to inspire our students to see the beauty of mathematics, and how we craft ways to share the joy with our colleagues.
Registration Information

HOW TO REGISTER

Online: nctm.org/annualreg
Phone: (800) 561-6691 (toll-free)  (514) 228-3172 (international)
Mail/Fax: For a paper registration form, visit nctm.org/annualreg

Methods of Payment

NCTM accepts the following payment methods for registration:

- **Check/money orders:** Made payable to NCTM in U.S. dollars drawn on U.S. bank accounts
- **Credit cards:** Visa, MasterCard, and American Express
- **Purchase orders:** Registrants must include a signed copy of the purchase order with the registration form.

<table>
<thead>
<tr>
<th>REGISTRATION TYPE</th>
<th>EARLY-BIRD Registration through March 8</th>
<th>REGULAR Registration through April 2</th>
<th>ON-SITE Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DISCOUNTED NCTM MEMBER REGISTRATION RATES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Premium Member</td>
<td>$355</td>
<td>$390</td>
<td>$424</td>
</tr>
<tr>
<td>Essential Member</td>
<td>$405</td>
<td>$445</td>
<td>$485</td>
</tr>
<tr>
<td>Emeritus &amp; Life Members</td>
<td>$275</td>
<td>$295</td>
<td>$315</td>
</tr>
<tr>
<td>Student Member</td>
<td>$203</td>
<td>$223</td>
<td>$243</td>
</tr>
<tr>
<td>Student Member One-Day</td>
<td>$172</td>
<td>$189</td>
<td>$206</td>
</tr>
<tr>
<td><strong>NONMEMBER REGISTRATION RATES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nonmember Full Registration</td>
<td>$507</td>
<td>$557</td>
<td>$606</td>
</tr>
<tr>
<td>One-Day Nonstudents</td>
<td>$374</td>
<td>$394</td>
<td>$414</td>
</tr>
<tr>
<td>Student Nonmember</td>
<td>$253</td>
<td>$273</td>
<td>$293</td>
</tr>
<tr>
<td>Nonteaching Guest</td>
<td>$275</td>
<td>$295</td>
<td>$315</td>
</tr>
<tr>
<td>Group* (nonmember)</td>
<td>$430/registrant</td>
<td>$475/registrant</td>
<td>$515/registrant</td>
</tr>
</tbody>
</table>

*Register a group of five or more and receive a 15% discount off the individual nonmember rate!

Housing

Reserve your room early for NCTM’s headquarters hotel — **Hilton San Diego Bayfront** — or one of the many NCTM official hotels near the San Diego Convention Center to secure your preferred room at the best possible rate.

Make your reservation through NCTM’s housing partner, MCI USA, **before March 1** to be automatically entered to win a free night at your confirmed hotel.

WIN A FREE NIGHT!
“I don’t really have words to describe the energy in the room [at the NCTM Annual Meeting].” —GEORGE BLACKMON, Middle School Teacher, Thurgood Marshall Middle School, 2018 Annual Meeting attendee

Discover Solutions in the Exhibit Hall

View the latest educational tools and services from leading companies in the exhibit hall.

EXHIBIT HALL HOURS

Thursday, April 4, 9:00 a.m.–5:00 p.m.
Friday, April 5, 9:00 a.m.–5:00 p.m.
Saturday, April 6, 9:00 a.m.–Noon

DEDICATED EXHIBIT HALL TIME

Thursday, April 4, Noon–1:30 p.m.
Friday, April 5, Noon–1:30 p.m.

MET Celebration in SoCal!

Tickets: $50 (nonrefundable)
Wednesday, April 3, 2019 | 7:15–8:30 p.m.