MAA Project NExT
NEW EXPERIENCES IN TEACHING

JULY 29–AUGUST 3, 2019

INCOMING COHORT: SILVER'19

RETURNING COHORT: PEACH'18

CINCINNATI, OH

MAPS

The Hall of Mirrors is in the Hilton on the 3rd floor.

The Continential Ballroom is on the Mezzanine level of the Hilton.

Convention Center 212 is on the 2nd floor, North meeting rooms.

Convention Center 250 and 252 are on the 2nd floor, West meeting rooms.

FULL PROGRAM FOR PROJECT NExT
MAA.ORG/PN-PROGRAM

Hilton 4th floor

Rosewood

Rosewood Foyer

Freight Elevator

Hall of Mirrors
Main Entrance on Third Floor
Balcony Entrance on Fourth Floor

▲ To Third Floor

Fourth Floor Foyer

▼ To Third Floor

Women

Registration

Pavillion Ballroom

Salon M

Business Center

Banquet Office

Elevators

Men

Caprice
1   4
2   3

Rookwood

Hall of Nations

Salon I | Salon H | Salon G | Salon F | Salon E | Salon D | Salon C | Salon B | Salon A

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the CINCINNATI region
A TRUE ORIGINAL

HOTELS   ATTRACTIONS
RESTAURANTS

Minutes Walk From Duke Energy Convention Center

OVER-THE-RHINE DISTRICT

GARFIELD PL

E 8TH ST

7TH ST

HAMPTON INN & HOMEWOOD SUITES
CINCINNATIAN

21C

6TH ST

DUKE ENERGY CONVENTION CENTER

MILLENNIUM

FOUNTAIN SQUARE

5TH ST

CENTRAL AVE   PLUM ST   ELM ST   RACE ST   VINE ST   WALNUT ST   MAIN ST   SYCAMORE ST

HYATT

HILTON

WESTIN   RENAISSANCE

4TH ST

3RD ST

PAUL BROWN STADIUM

NATIONAL UNDERGROUND RAILROAD FREEDOM CENTER

THE BANKS DISTRICT

GREAT AMERICAN BALL PARK

MAA Project NExT Peach'18 Fellows at MAA MathFest in 2018.

SCHEDULE

MONDAY, JULY 29 (SILVER'19)

11:00 AM–1:00 PM	REGISTRATION	PAVILION FOYER

1:00–2:00 PM	PLENARY
	Welcome & Icebreaker
	    Dave Kung, *St. Mary's College of Maryland* (Gold, 2000)
	        Director, MAA Project NExT
		PAVILION BALLROOM

2:00–2:20 PM	BREAK	
2:20–3:20 PM	PLENARY **Positioning Students to Be Successful** Talitha Washington, *Howard University* (Orange, 2004)	PAVILION BALLROOM
3:20–4:00 PM	BREAK (WITH SNACKS)	4TH FLOOR FOYER

4:00–5:20 PM	PANEL
	Different Interactive Methods—Based on the IP Guide
	    MAA Project NExT Leadership Team:
	        Julie Barnes, *Western Carolina University* (Blue, 1996)
	        Alissa S. Crans, *Loyola Marymount University* (Orange, 2004)
	        Matt DeLong, *Marian University* (Brown, 1999)
		PAVILION BALLROOM

5:20–6:00 PM	BREAK	
6:00–7:00 PM	DINNER MAA President Michael Dorff, *Brigham Young University* (Peach, 1997)	ROOKWOOD
7:00–8:20 PM	SMALL GROUPS **What Interactive Methods Might Work For You?** Alissa S. Crans, *Loyola Marymount University* (Orange, 2004)	ROOKWOOD

SILVER'19 SCHEDULE

TUESDAY, JULY 30

7:20–8:20 AM	CONTINENTAL BREAKFAST	ROOKWOOD
8:20–9:20 AM	PLENARY	PAVILION BALLROOM
	Teaching Math in the 21st Century	
	Tara Holm, *Cornell University* (Sepia, 2006)	
9:20–9:40 AM	BREAK	
9:40–11:00 AM	BREAKOUT SESSIONS	
	a. **Teaching Using Tactile Visualization Techniques -** Julie Barnes	CAPRICE 1 & 4
	b. **Collaborative Learning in College Mathematics -** Matt DeLong	CAPRICE 2 & 3
	c. **Creating a Vibrant & Inclusive Community -** Dave Kung	SALONS BC
	d. **Helping Students Learn to Write Proofs -** T. Christine Stevens	SALONS DE
	e. **Introduction to Mastery Grading in Mathematics -** Robert Talbert	ROSEWOOD
11:00–11:20 AM	BREAK	
11:20 AM–12:00 PM	SMALL GROUPS — DISCUSSIONS ABOUT PROFESSIONAL LIFE	

i. PAVILION BALLROOM (front)	**vi.** CAPRICE 2 & 3 (back)
ii. PAVILION BALLROOM (back)	**vii.** CAPRICE 1 & 4 (front)
iii. ROSEWOOD (front)	**viii.** CAPRICE 1 & 4 (back)
iv. ROSEWOOD (back)	**ix.** SALONS DE
v. CAPRICE 2 & 3 (front)	**x.** SALONS BC

12:00–1:00 PM	LUNCH — SEATED BY RESEARCH AREA	ROOKWOOD
1:00–1:20 PM	BREAK	
1:20–2:20 PM	PLENARY	PAVILION BALLROOM
	Making the Most of Your Precious Time	
2:20–2:40 PM	BREAK	
2:40–4:00 PM	BREAKOUT SESSIONS	
	f. **Teaching Using Tactile Visualization Techniques -** Julie Barnes	CAPRICE 1 & 4
	g. **Collaborative Learning in College Mathematics -** Matt DeLong	CAPRICE 2 & 3
	h. **Creating a Vibrant & Inclusive Community -** Dave Kung	SALONS BC
	i. **Helping Students Learn to Write Proofs -** T. Christine Stevens	SALONS DE
	j. **Introduction to Mastery Grading in Mathematics -** Robert Talbert	ROSEWOOD
4:00–4:30 PM	BREAK (WITH SNACKS)	4TH FLOOR FOYER
4:30–4:40 PM	SILVER'19 GROUP PHOTO	TBA
4:40–6:00 PM	PLENARY	PAVILION BALLROOM
	Rising to the Challenge of Diversifying the Mathematics Community	
	Dave Kung, *St. Mary's College of Maryland* (Gold, 2000)	
6:00–8:00 PM	DINNER (ON YOUR OWN)	
8:00–10:00 PM	DESSERT RECEPTION (WITH PEACH'18 FELLOWS)	CONTINENTAL BALLROOM

SILVER'19 SCHEDULE

WEDNESDAY, JULY 31

7:20-8:20 AM	CONTINENTAL BREAKFAST	ROOKWOOD
8:20-9:20 AM	PLENARY	PAVILION BALLROOM

Research-based Strategies for Reducing Stereotype Threat and Fostering Learning and Engagement in Math
Catherine Good, *Baruch College* and *The Graduate Center of the City University of New York*

9:20-9:40 AM	BREAK
9:40-10:20 AM	SMALL GROUPS BY GEOGRAPHICAL SECTION

Golden/PacNW SALONS HI   **Northeast** CAPRICE 1 & 4 (back)

SoCal/NV SALONS FG   **WI/N.Central** PAVILION (front left)

KS/NE/Rocky & Inter Mt. SALONS DE   **IL/IN/IA/MO** PAVILION (front right)

LA/MS/TX/OK/AK CAPRICE 2 & 3 (front)   **MI/OH/KY** PAVILION (back left)

MD/VA/DC CAPRICE 2 & 3 (back)   **NY/NJ/Seaway** PAVILION (back right)

Alleg./EPaDel CAPRICE 1 & 4 (front)   **SE/FL** SALONS BC

10:20-10:40 AM	BREAK
10:40 AM-12:00 PM	BREAKOUT SESSIONS

A. **Making Linear Algebra Meaningful -** David Austin — SALONS DE
B. **Students considering Non-Academic Careers? – Help -** Brooke Buckley and Lisa Holden SALONS BC
C. **Math for Social Justice: Concrete Examples for the Classroom -** Lily Khadjavi — CAPRICE 2 & 3
D. **Orienting Your Classroom Around Inquiry -** Valerie Peterson — CAPRICE 1 & 4
E. **Experiencing and Preparing for Inquiry -** Robin Wilson and Brian Katz — SALONS HI

12:00-1:20 PM	LUNCH (ON YOUR OWN)
1:20-2:40 PM	BREAKOUT SESSIONS

F. **Making Linear Algebra Meaningful -** David Austin — SALONS DE
G. **Students considering Non-Academic Careers? – Help -** Brooke Buckley and Lisa Holden SALONS BC
H. **Math for Social Justice: Concrete Examples for the Classroom -** Lily Khadjavi — CAPRICE 2 & 3
I. **Orienting Your Classroom Around Inquiry -** Valerie Peterson — CAPRICE 1 & 4
J. **Experiencing and Preparing for Inquiry -** Robin Wilson and Brian Katz — SALONS HI

2:40-3:20 PM	NETWORKING FAIR	HALL OF MIRRORS
3:20-4:20 PM	GOAL SETTING / PLANNING FOR JOINT MATH MEETINGS	PAVILION BALLROOM
4:20-4:40 PM	BREAK	
4:40-6:00 PM	PEACH'18 GRADUATION / CLOSING PLENARY	PAVILION BALLROOM

Project What's Next
Tim Chartier, *Davidson College* (Forest, 2002)

SILVER'19 SCHEDULE

TUESDAY, JULY 30

| 8:00-10:00 PM | DESSERT RECEPTION (WITH SILVER'19 COHORT) | CONTINENTAL BALLROOM |

WEDNESDAY, JULY 31

| 7:20-8:20 AM | CONTINENTAL BREAKFAST | ROOKWOOD |

| 8:20-9:20 AM | PLENARY | PAVILION BALLROOM |

Research-baseddo Reducing Stereotype Threat and Fostering Learning and Engagement in Math
Catherine Good, *Baruch College* and *The Graduate Center of the City University of New York*

| 9:20-9:40 AM | BREAK |

9:40-10:20 AM — SMALL GROUPS BY GEOGRAPHICAL SECTION

Golden/PacNW SALONS HI   **Northeast** CAPRICE 1 & 4 (back)

SoCal/NV SALONS FG   **WI/N.Central** PAVILION (front left)

KS/NE/Rocky & Inter Mt. SALONS DE   **IL/IN/IA/MO** PAVILION (front right)

LA/MS/TX/OK/AK CAPRICE 2 & 3 (front)   **MI/OH/KY** PAVILION (back left)

MD/VA/DC CAPRICE 2 & 3 (back)   **NY/NJ/Seaway** PAVILION (back right)

Alleg./EPaDel CAPRICE 1 & 4 (front)   **SE/FL** SALONS BC

| 10:20-10:40 AM | BREAK |

10:40-11:40 AM — PEACH'18 SESSIONS (CHOOSE ONE)

The Art of Saying "No" (And Sometimes "Yes") SALONS FG
Presenters: Rick Gillman (*Valparaiso University*), Mohamed Omar (*Harvey Mudd College*), Ami Radunskaya (*Pomona College*)
Organizers: Hasala Gallolu Kankanamalage, Josh Stangle, Shanise Walker

Enhancing Classes with In-Class Group Work and Presentations SALONS HI
Presenters: Justin Dunmyre (*Frostburg State University*), Jeff Johannes (*SUNY Geneseo*), Chris Rodger (*Auburn University*)
Organizers: Sedar Ngoma, Katherine Perry, Shelby Stanhope

| 11:40 AM-1:00 PM | LUNCH (ON YOUR OWN) |

1:00-2:00 PM — PEACH '18 SESSIONS (CHOOSE ONE)

The Tip of the Iceberg: Getting Your Feet Wet in Mathematics Education Research SALONS HI
Presenters: Eddie Fuller (*Florida International University*), Gulden Karakok (*University of Northern Colorado*), Amanda Harsy (*Lewis University*)
Organizers: Tuyin An, Adam Castillo, Emilie Hancock, Emily Hendryx

Writing Projects in Mathematics SALONS FG
Presenters: Anthony Bosman (*Andrews University*), Marian Frazier, (*The College of Wooster*), Dominic Klyve, (*Central Washington University*)
Organizers: William Cipolli, Delil Martinez, Emily Meehan

| 2:00-3:00 PM | NETWORKING FAIR | HALL OF MIRRORS |

WEDNESDAY, JULY 31 (CONT)

3:00–4:00 PM	PEACH'18 SESSIONS (CHOOSE ONE)

Equity and Diversity in the College Mathematics Classroom   SALONS FG

    Presenters: Alicia Langarica (*Youngstown State University*), Violeta Vasilevska (*Utah Valley University*), Darryl Yong, (*Harvey Mudd College*)

    Organizers: Maila Brucal-Hallare, Reggie McGee, Cristina Runnalls, Bhuvaneswari Sambandham

Using Pre-Class Assignments to Support Active Inquiry During Class   SALONS HI

    Presenters: Russ Goodman (*Central College*), Brian Katz (*Augustana College*)

    Organizers: Stephanie Blanda, Josh Brummer, Jennifer Clinkenbeard, Xue Gong

4:00–4:20 PM	CLOSING THOUGHTS
4:20–4:40 PM	BREAK
4:40–6:00 PM	PEACH'18 GRADUATION / CLOSING PLENARY PAVILION BALLROOM

Project What's Next

    Tim Chartier, *Davidson College* (Forest, 2002)

PROJECT NExT COURSES (SILVER'19 & PEACH'18)

PEACH'18 FELLOWS: SEE YOUR EMAIL FOR COURSE ASSIGNMENTS

THURSDAY, AUGUST 1 & FRIDAY, AUGUST 2

1:00–3:00 PM	COURSE U CONVENTION CENTER 250

Modeling throughout the Curriculum: Disease Transmission

    Karen Yokley and Nicholas Luke

1:00–3:00 PM	COURSE V CONVENTION CENTER 212

Activism for Mathematicians: Learning to Change the Game

    Rochelle Gutiérrez

1:00–3:00 PM	COURSE W CONVENTION CENTER 252

Supervising Undergraduate Research: Where/How/Why do I begin?

    Tamás Forgács

3:15–5:15 PM	COURSE X CONVENTION CENTER 250

Teaching Introductory Statistics in a Data-driven World

    Michael Posner

3:15–5:15 PM	COURSE Y CONVENTION CENTER 252

Effective Thinking Through Mathematics

    Michael Starbird

3:15–5:15 PM	COURSE Z CONVENTION CENTER 212

Jumpstarting your Scholarship

    Karen Keene, Sandra Richardson, Talitha Washington, Minerva Cordero, and Alissa Crans

Kevin Ahrendt
Colorado School of Mines
1, a, vii, i, B, J, W

Victoria Akin
Duke University
2, b, ii, j, E, H, Z

Marie-Andree B. Langlois
Cornell University
3, c, i, f, E, F, Y

Mario Banuelos
California State University, Fresno
4, b, iv, h, A, G, V

James Barnes
Wellesley College
5, a, v, h, E, H, V

Erin Suzanne Bela
Elmira College
6, a, iv, i, D, H, W

Steve Bennoun
Cornell University
7, b, ii, h, A, H, U

Ana Berrizbeitia
Colorado Mesa University
8, a, i, j, C, J, Z

Rebecca Black
Swarthmore College
9, d, ii, h, E, F, V

Kevin Bombardier
University of Wisconsin Platteville
10, c, viii, i, A, G, Z

Tyler Bongers
Washington University in St. Louis
11, e, vi, g, D, F, U

Adam Boocher
University of San Diego
12, d, ix, j, D, H, Y

Chassidy Bozeman
Mount Holyoke College
1, c, i, j, A, H, W

Carly Briggs
Bennington College
2, a, vi, i, A, J, Z

Heather Brooks
UCLA
3, c, vii, j, C, I, Z

Wako Bungula
University of Wisconsin - La Crosse
4, b, v, f, A, J, X

Matthew Charnley
Rutgers University
5, d, ii, g, B, I, U

Indu Churchill
State University of New York at Oswego
6, d, v, g, A, I, W

Cory Colbert
Washington and Lee University
7, b, ix, i, A, G, Z

John Cummings
University of North Georgia
8, c, viii, g, E, I, U

Emelie Curl
Christopher Newport University
9, c, i, j, A, J, Z

Melanie Dennis
Southern New Hampshire University
10, d, iv, f, C, J, W

Stephen Deterding
West Liberty University
11, c, iii, f, D, J, W

Elizabeth DeWitt
Trinity Christian College
12, e, iii, i, D, J, Y

Evangelos Dimou
University of Virginia
1, b, ii, i, D, F, U

Huijing Du
University of Nebraska-Lincoln
2, c, i, g, E, I, Y

David Duncan
James Madison University
3, b, i, i, C, G, V

Christina Edholm
Scripps College
4, e, iii, h, C, J, V

Nicole Fider
University of Arizona
5, b, vi, i, D, G, Z

Taryn Flock
Macalester College
6, b, x, f, C, I, W

Lindsey Fox
Eckerd College
7, a, viii, j, E, H, Z

David Freund
Harvard University
8, e, vi, f, E, H, Y

Punit Gandhi
Virginia Commonwealth University
9, c, x, i, E, G, Y

Francesca Gandini
Kalamazoo College
10, a, vi, j, C, J, W

Sayonita Ghosh Hajra
California State University Sacramento
11, a, v, h, B, H, Z

Carl Giuffre
Adelphi University
12, b, ix, i, A, I, X

Amy Grady
University of Florida
1, a, ii, h, D, J, V

Scott Greenhalgh
Siena College
2, e, iii, g, B, I, Z

Torin Greenwood
Rose-Hulman Institute of Technology
3, d, x, g, D, G, Z

Kathleen Hake
Carleton College
4, b, vii, h, B, I, W

Carl Hammarsten
DeSales University
5, e, iv, h, C, F, W

Tania Hazra
Misericordia University
6, c, viii, f, E, F, X

Eric Hogle
Gonzaga University
7, d, v, h, B, H, W

Amber Holmes
University of Kentucky
8, a, ii, g, C, G, Y

Jared Holshouser
University of South Alabama
9, d, i, h, E, H, W

Alexander Hoover
University of Akron
10, c, x, j, C, F, Z

Katie Horacek
Frostburg State University
11, c, iv, j, C, G, U

Areeba Ikram
Colorado School of Mines
12, e, vi, f, D, G, X

Melissa Innerst
Juniata College
1, b, v, f, B, I, X

Lisa Kaylor
Alma College
2, d, viii, g, E, H, X

Aubrey Kemp
California State University, Bakersfield
3, d, iv, h, D, H, V

Virginia Kilikian
University of Delaware
4, a, ii, g, A, J, Y

Thomas Kindred
University of Nebraska-Lincoln
5, d, iv, j, D, F, Y

Jordan Kostiuk
Brown University
6, d, vii, g, C, J, V

Matthew Lee
University of Illinois, Chicago
7, a, i, g, E, H, V

Naama Lewis
Marian University
8, e, viii, h, C, I, X

Whitney Liske
St. Vincent College
9, e, iii, g, D, F, W

Colby Long
The College of Wooster
10, e, ix, i, B, J, X

Marco Lopez
Wake Forest University
11, b, vi, i, A, I, Z

Hiram Lopez Valdez
Cleveland State University
12, d, x, j, B, F, Z

George Lytle
University of Montevallo
1, e, viii, i, B, F, Z

Satbir Malhi
Franklin & Marshall College
2, a, vi, j, B, H, X

Elizabeth Matson
Alfred University
3, e, ix, i, B, I, W

Carolyn Mayer
Worcester Polytechnic Institute
4, d, vii, h, C, I, Z

Kathryn McCormick
University of Minnesota
5, d, vi, h, E, G, W

Nonhle Mdziniso
Bloomsburg University of Pennsylvania
6, a, x, h, B, J, X

Zoe Misiewicz
SUNY Oswego
7, c, v, j, B, H, V

Katherine Moore
Wake Forest University
8, d, vii, h, A, G, Y

Jillian Morrison
The College of Wooster
9, c, iii, f, C, G, X

Ryan Moruzzi, Jr
Ithaca College
10, e, ix, f, C, J, Z

Lidia Mrad
Mount Holyoke College
11, e, x, g, B, H, Z

Kayla Murray
University of Arkansas Fort Smith
12, b, iii, f, D, J, Z

Lauren Nelsen
University of Indianapolis
1, e, viii, f, C, F, U

Itziar Ochoa de Alaiza Gracia
Yale University
2, a, vii, h, E, F, W

Christina Osborne
Ohio State University
3, d, vii, f, E, F, Z

Fabian Parsch
University of Toronto
4, e, iv, i, B, F, U

Benjamin Peet
St. Martin's University
5, e, iii, f, D, G, Y

Samantha Pezzimenti
Penn State Brandywine
6, a, iii, g, A, J, X

Douglas Pfeffer
Berry College
7, d, vi, j, A, I, Y

Jacob Price
University of Puget Sound
8, c, ix, j, C, G, X

Nantsoina Ramiharimanana
Clemson University
9, b, vii, i, E, F, Z

Aqeeb Sabree
Xavier University
10, a, ii, j, D, G, V

Lauren Sager
likely Saint Anselm College
11, b, ii, j, D, F, Y

Daniel Scofield
Francis Marion University
12, a, viii, i, A, G, X

Lily Silverstein
California State Polytechnic University, Pomona
1, e, ix, g, D, H, W

Eric Stachura
Kennesaw State University
2, b, x, h, B, I, U

Emerald Stacy
Washington College
3, c, ix, g, E, H, V

Grace Stadnyk
Furman University
4, d, x, f, A, I, X

Michael Stobb
Coe College
5, b, iii, j, B, F, W

Michael Strayer
Hampden-Sydney College
6, c, viii, g, D, F, W

Lauren Sugden
Duquesne University
7, a, v, h, C, G, X

Sherilyn Tamagawa
Davidson College
8, d, vii, f, E, G, W

Rebecca Terry
St. Lawrence University
9, c, vi, f, C, I, V

Marcella Torres
University of Richmond
10, b, v, j, E, H, U

Lee Troupe
Mercer University
11, e, ix, h, C, J, W

Caroline Turnage-Butterbaugh
Carleton College
12, e, x, i, A, I, V

David Walmsley
St. Olaf College
1, c, iv, f, D, F, Z

Mark Weaver
Elon University
2, c, iv, g, C, G, X

Noah Williams
Appalachian State University
3, d, i, j, A, H, W

Asif Zaman
University of Toronto
4, c, v, i, B, I, W

WORKSHOP LEADER BIOS

David Austin is Professor of Mathematics at Grand Valley State University and writes for the American Mathematical Society's online Feature Column. He is interested in computation and mathematical illustration as tools for understanding and explaining mathematical thinking and is the author of the open-access textbook Understanding Linear Algebra.

Julie Barnes (Blue, 1996) is a Professor of Mathematics at Western Carolina University and is an Associate Director for MAA Project NExT. She has won awards for teaching, service, and writing. She has also published two MAA Press books: one on tactile teaching ideas and one that is a coloring book of complex function representations. She enjoys hiking, playing racquetball, and hanging out with her two cats.

Brooke Buckley (Gold, 2007) is an Associate Professor of Statistics at Northern Kentucky University and chair of the Department of Mathematics & Statistics. Her current scholarly interest centers on improving retention and graduation rates within the STEM disciplines by improving mathematical preparation. When Brooke gets a break from the office, she enjoys baking and reading.

Tim Chartier (Forest, 2002) teaches at Davidson College. He focuses on sports analytics, researching questions for ESPN, the NBA and NASCAR teams. He collaborates extensively with a team of undergraduates. He is Second Vice President of the MAA. Tim has served as a resource for a variety of media inquiries, including appearances with NPR, the CBS Evening News, USA Today, and The New York Times.

Minerva Cordero is a Program Director in the Directorate for Education and Human Resources (EHR) at the National Science Foundation. She works with the EHR Core Research Program, Hispanic-Serving Institutions Program, the Improving Undergraduate STEM Education Program, the Noyce Teacher Scholarship Program, and the Scholarships in STEM Program.

Matt DeLong (Brown, 1999) is Professor of Mathematics and Department Chair at Marian University in Indianapolis. He has been an Associate Director of MAA Project NExT since 2012. He is also Academic Director of MathPath, an advanced summer program for middle-school students. He was awarded the Alder and Haimo awards for distinguished teaching from the MAA. His hobbies outside of mathematics generally revolve around watching his three kids perform in bands, choirs, and musicals.

Tamás Forgács is a professor of Mathematics at the California State University, Fresno. He has been involved in a number of different types of undergraduate research programs over the last decade, including REUs, CURM, FURST, PUMP and independent study projects. When not doing math, he enjoys exploring the Sierra Nevadas, and working on cars.

Catherine Good is an associate professor of psychology at Baruch College and The Graduate Center of the City University of New York. She received a master's degree in mathematics from the University of Kansas in 1994 and an Ad Hoc Interdisciplinary PhD in mathematics education and social psychology from The University of Texas at Austin in 2001. Dr. Good's research focuses on the social-psychological factors that impact students' academic achievement, learning, and motivation in STEM fields.

Rochelle Gutiérrez is Professor of Curriculum and Instruction and Latina/Latino Studies at the University of Illinois, Urbana-Champaign, USA. Her research interrogates the unearned privilege that mathematics holds in society and the roles that race, class, language, and gender play in teaching and learning mathematics so as to open up new possible relationships between living beings, mathematics, and the planet. Her current research projects include: theorizing the roles of mathematics in relation to power, identity, the body, and authority in society; supporting mathematics teachers who engage their students in rigorous and creative mathematics and who are committed to social justice; and documenting moments of "Nepantla" and "creative insubordination" in the everyday practices of mathematics teachers.

Lisa Holden is an Associate Professor of Mathematics at Northern Kentucky University and a 2016–17 PIC Math participant. She is currently interested in making sense of the Cincinnati Nature Center's butterfly data, constructing optimal cello fingerings, and analyzing models for star formation. She also enjoys running and recently completed her first Flying Pig Half Marathon.

Tara Holm (Sepia, 2006) teaches at Cornell University and conducts research in symplectic geometry, algebraic geometry and topology. She is a member of the AMS Committee on Education, chairing it from 2012 to 2016, and on the leadership team of TPSE Math. Holm is the President/CEO of the corporation running the Budapest Semesters. She is a Fellow of the AMS. Her favorite pie is lemon meringue.

Brian Katz (Pine, 2009) teaches at Augustana College, co-authored the MAA textbook *Distilling Ideas*, and serves on the boards of PRIMUS, MAA's CRM, AMS Blog inclusion/exclusion, and IBL SIGMAA. BK is a geometer and researches questions of disciplinary epistemology in the context of mathematics, inquiry-based classrooms, and pre-service secondary teachers. BK loves singing and getting meta.

Karen Keene is a Program Director in the Directorate for Education and Human Resources (EHR) at the National Science Foundation. She works with the EHR Core Research Program, Hispanic-Serving Institutions Program, the Improving Undergraduate STEM Education Program, the Noyce Teacher Scholarship Program, and the Scholarships in STEM Program.

Lily Khadjavi (Gold, 2000) is in the math department at Loyola Marymount University in Los Angeles, where her interests range from algebraic number theory to statistics and the law. She is a co-editor of two forthcoming volumes from the MAA Press on Mathematics for Social Justice and an organizer of the Infinite Possibilities Conference, supporting women of color in the mathematical sciences. She enjoys the camaraderie of queer activism and cycling.

Dave Kung (Gold, 2000) teaches at St. Mary's College of Maryland and directs MAA Project NExT. After studying analysis, he switched to mathematics education, looking at instructor knowledge of student thinking. He has won his MAA section's teaching and service awards, and he has passionately pushed to diversify mathematics. In his spare time, he runs, bikes, and plays violin—and coerces his daughter to join him.

Nicholas Luke is an Associate Professor of Mathematics at NC A&T State University. His research focus is the development and analysis of mathematical models, especially those pertaining to biological applications including Epidemiology, Pharmacokinetics and Pharmacodynamics. He was the recipient of the 2017 Outstanding Teacher of the Year Award for the College of Science and Technology at NC A&T and has experience teaching mathematics with a variety of pedagogical approaches.

Valerie Peterson (Green, 2009) is an Associate Professor of Mathematics at the University of Portland. When she is not conspiring to transform the culture of teaching in STEM departments or plotting to help others enact powerful pedagogical change, she enjoys holding Portland's restaurants and brewpubs to high standards. Her quest to find the perfect hammock-napping spot is ongoing.

Michael Posner (Sepia, 2006) is an Associate Professor of Statistics at Villanova University and Founding Director of the Center for Statistics Education. He is the Chair-elect of the ASA Section on Statistics Education, the Vice-Chair of the Data Science Subcommittee of AMATYC, a past Chair of SIGMAA Stat Ed, and a recently elected Fellow of the ASA. He has taught professional development courses at many different venues but, as a proud sepia dot, his favorite is clearly to Project NExTers at MathFest!

Sandra Richardson (Sterling, 2005) is a Program Director in the Directorate for Education and Human Resources (EHR) at the National Science Foundation. She works with the EHR Core Research Program, Hispanic-Serving Institutions Program, the Improving Undergraduate STEM Education Program, the Noyce Teacher Scholarship Program, and the Scholarships in STEM Program.

Award-winning educator **Michael Starbird** (The University of Texas at Austin) has produced DVD courses in the Great Courses Series on calculus, statistics, probability, geometry, and the joy of thinking, and a MOOC entitled *Effective Thinking Through Mathematics*. His co-authored books include three inquiry based learning mathematics textbooks on number theory, introduction to proof, and topology; and books with co-author Edward Burger including: *The Heart of Mathematics: An invitation to effective thinking* and *The 5 Elements of Effective Thinking*.

T. Christine Stevens is an Associate Executive Director of the American Mathematical Society. Before joining the AMS staff in 2014, she was a Professor of Mathematics and Computer Science at Saint Louis University. Her research interests are in topological groups and the history of mathematics. In 1994, together with the late Jim Leitzel, she founded Project NExT, which she led until 2009.

Robert Talbert (Peach, 1997) is a Professor and Assistant Chair in the Mathematics Department at Grand Valley State University. He is the author of Flipped Learning: A Guide for Higher Education Faculty (Stylus, 2017) and is a frequent speaker and workshop facilitator in the US and abroad. He writes about teaching, learning, technology, and productivity at his website rtalbert.org.

Talitha Washington (Orange, 2004) is a tenured Associate Professor of Mathematics at Howard University. She joined the National Science Foundation (NSF) in August of 2017 as a Program Officer in the Division of Undergraduate Education. A Spelman College graduate with a doctorate from the University of Connecticut, she is interested in the applications of differential equations to problems in biology and engineering, as well as the development of nonstandard finite difference schemes to numerically solve dynamical systems.

Robin Wilson (Sun, 2007) has taught at Cal Poly Pomona University, Pomona since 2007, the year he was a Project NeXT Sun Dot. He has been a mentor with the National Alliance since 2007, and he has recently served on the boards of CMJ, the Notices, NAM, and the HRAC committee at MSRI. Dr. Wilson is also Director of the California Math Project at Cal Poly Pomona, a program that supports the PD of K–12 teachers.

Karen Yokley is an Associate Professor of Mathematics at Elon University. Her research primarily focuses on mathematical biology, and she recently co-authored Mathematical Modeling: Branching Beyond Calculus. Karen is also a member of the Steering Committee for the Math Modeling Hub (MMHub), which facilitates the sharing of resources related to mathematical modeling education.

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