



MAA Project NExT

NEW EXPERIENCES IN TEACHING



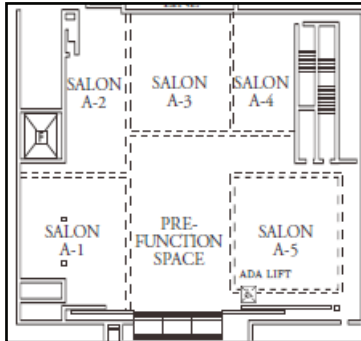
JULY 24-29, 2017

INCOMING COHORT: BLUE'17
RETURNING COHORT: GREEN'16

CHICAGO

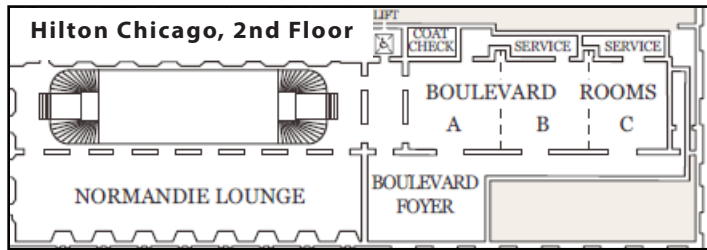
MAPS

Hilton Chicago, Lower Level

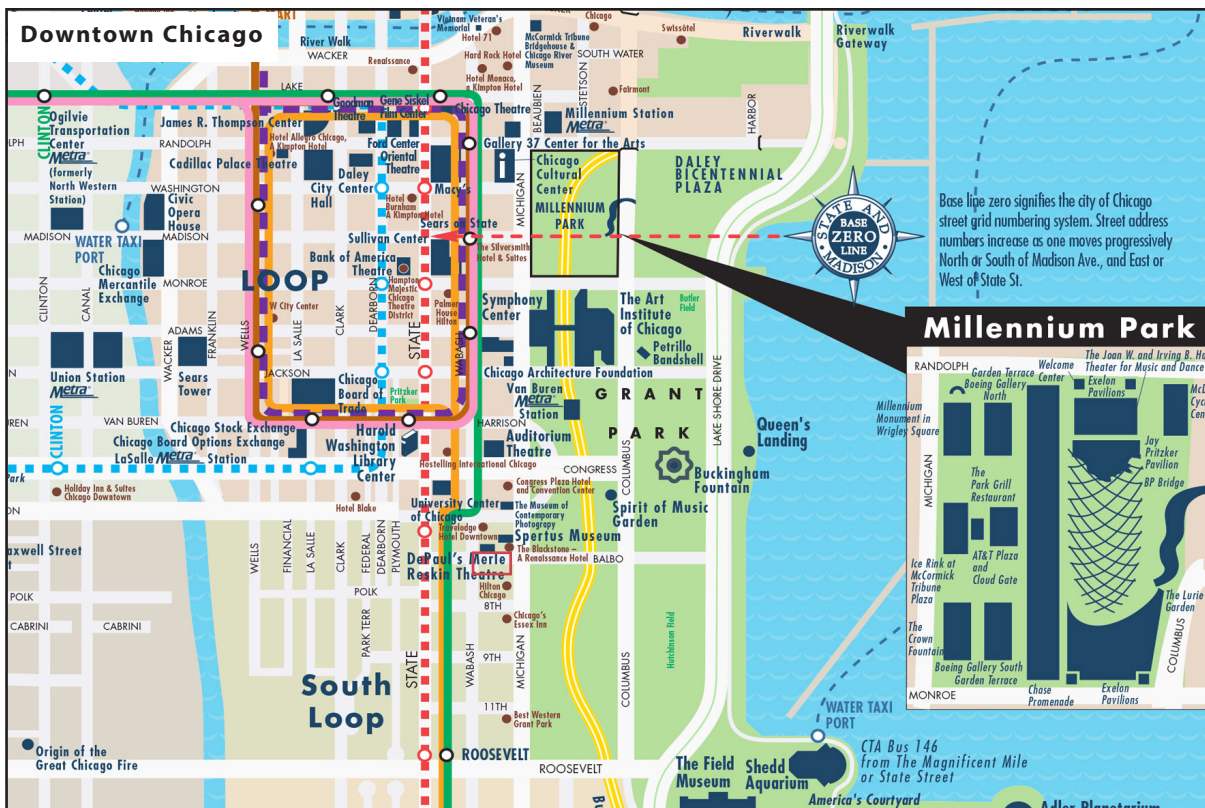
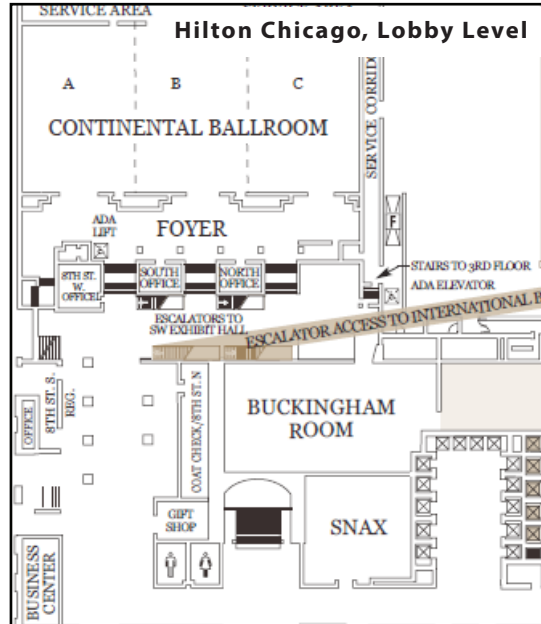


FULL PROGRAM FOR
PROJECT NEXT
MAA.ORG/PN-PROGRAM

Hilton Chicago, 2nd Floor



Hilton Chicago, Lobby Level





MAA Project NExT Green'16 Fellows at MAA MathFest in 2016

SCHEDULE

MONDAY, JULY 24 (BLUE'17)

11:00–1:00 P.M.	REGISTRATION	8TH ST. SOUTH LOBBY
1:00–2:00 P.M.	PLENARY Welcome & Icebreaker Dave Kung, St. Mary's College of Maryland (Gold, 2000) Director, MAA Project NExT	CONTINENTAL BALLROOM C
2:00–2:20 P.M.	BREAK	
2:20–3:20 P.M.	PLENARY Breaking Boundary Conditions: Bringing your whole self to the profession Talithia Williams, Harvey Mudd College	CONTINENTAL BALLROOM C
3:20–4:00 P.M.	BREAK (WITH SNACKS)	
4:00–5:20 P.M.	DEMONSTRATION Interactive Teaching Methods MAA Project NExT Leadership Team: Julie Barnes, Western Carolina University (Blue, 1996) Alissa S. Crans, Loyola Marymount University (Orange, 2004) Matt DeLong, Taylor University (Brown, 1999)	CONTINENTAL BALLROOM C
5:20–6:00 P.M.	BREAK	
6:00–7:00 P.M.	DINNER MAA President Deanna Haunsperger, Carleton College	CONTINENTAL BALLROOM B
7:00–8:20 P.M.	SMALL GROUPS What Methods Might Work for You? Alissa S. Crans, Loyola Marymount University (Orange, 2004)	CONTINENTAL BALLROOM B

WEDNESDAY, JULY 26

7:20–8:20 A.M.	CONTINENTAL BREAKFAST	CONTINENTAL BALLROOM B
8:20–9:20 A.M.	PLENARY	CONTINENTAL BALLROOM C
	<p>Research-based Strategies for Reducing Stereotype Threat and Fostering Learning and Engagement in Math Catherine Good, Baruch College</p>	
9:20–9:40 A.M.	BREAK	
9:40–11:00 A.M.	BREAKOUT SESSIONS	
	A. Making Linear Algebra Meaningful - David Austin	SALON A1
	B. Teaching Using Tactile Visualization Techniques - Julie Barnes	SALON A2
	C. Orienting Mathematical Inquiry Toward Social Justice - Steven Greenstein	SALON A3
	D. Teaching Real Analysis—An Active Approach - Carol Schumacher	SALON A4
	E. Engaging Students with Good Questions - Holly Zullo	SALON C1 + C2
11:00–11:20 A.M.	BREAK	
11:20–12:00 P.M.	SMALL GROUPS BY GEOGRAPHICAL SECTION	
	PACNW SALON A1 (FRONT)	Northeast SALON A4
	CA/NV SALON A1 (BACK)	WI/N.Central SALON C1 + C2 (FRONT)
	KS/NE/Rocky & Inter Mt. SALON A2 (FRONT)	IL/IN/IA SALON C1 + C2 (MIDDLE)
	TX/OK/AK SALON A2 (BACK)	MI/OH/KY SALON C1 + C2 (BACK)
	MD/VA/DC SALON A3 (FRONT)	NY/NJ/Seaway SALON C4
	Allég./PA/Del SALON A3 (BACK)	SOUTHEAST/FL SALON C6
12:00–1:20 P.M.	NETWORKING LUNCH	CONTINENTAL BALLROOM B
	<p>Connecting with the Mathematics Community</p>	
1:20–1:40 P.M.	BREAK	
1:40–3:00 P.M.	BREAKOUT SESSIONS	
	F. Making Linear Algebra Meaningful - David Austin	SALON A1
	G. Teaching Using Tactile Visualization Techniques - Julie Barnes	SALON A2
	H. Orienting Mathematical Inquiry Toward Social Justice - Steven Greenstein	SALON A3
	I. Teaching Real Analysis—An Active Approach - Carol Schumacher	SALON A4
	J. Engaging Students with Good Questions - Holly Zullo	SALON C1 + C2
3:00–3:20 P.M.	BREAK (WITH SNACKS)	
3:20–4:20 P.M.	GOAL SETTING / PLANNING FOR JOINT MATH MEETINGS	CONTINENTAL BALLROOM C
4:20–4:40 P.M.	BREAK	
4:40–6:00 P.M.	GREEN'16 GRADUATION / CLOSING PLENARY	CONTINENTAL BALLROOM C
	<p>Using Your Power for Good Francis Su, Past MAA President, Harvey Mudd College (Blue, 1996)</p>	

TUESDAY, JULY 25

8:00–10:00 P.M.	ICE CREAM SOCIAL (WITH BLUE'17 COHORT)	CONTINENTAL BALLROOM B
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WEDNESDAY, JULY 26

7:20–8:20 A.M.	CONTINENTAL BREAKFAST	CONTINENTAL BALLROOM B
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8:20–9:20 A.M.	PLENARY	CONTINENTAL BALLROOM C
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Research-based Strategies for Reducing Stereotype Threat and Fostering Learning and Engagement in Math

Catherine Good, Baruch College

9:20–9:40 A.M.	BREAK	
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9:40–9:55 A.M.	WELCOME BACK	SALON C4
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10:00–11:00 A.M.	GREEN'16 SESSIONS (CHOOSE ONE)	
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Tips for Undergraduate Research

SALON C4

Presenters: Lew Ludwig (Denison Univ.), Anke Walz (Kutztown Univ.), Suzanne Weekes (Worcester Polytechnic Inst.), Saad El Zanati (Illinois State)

Organizers: Leyda Almodóvar Velázquez, Brendan Fry, James Hammer, Caitlyn Parmelee

Where are the Math Majors? Broadening Scope by Increasing Mathematics Enrollment

SALON C6

Presenters: Colin Adams (Williams College), Elizabeth Brown (James Madison Univ.), Jess Ellis (Colorado State Univ.), William Velez (Univ. of Arizona)

Organizers: Ben Levy, Rachel Grotheer, Roberto Soto, Nicole Panza

11:00–11:20 A.M.	BREAK	
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11:20–12:00 P.M.	SMALL GROUPS BY GEOGRAPHICAL SECTION	
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PACNW SALON A1 (FRONT)

Northeast SALON A4

CA/NV SALON A1 (BACK)

WI/N.Central SALON C1 + C2 (FRONT)

KS/NE/Rocky & Inter Mt. SALON A2 (FRONT)

IL/IN/IA SALON C1 + C2 (MIDDLE)

TX/OK/AK SALON A2 (BACK)

MI/OH/KY SALON C1 + C2 (BACK)

MD/VA/DC SALON A3 (FRONT)

NY/NJ/Seaway SALON C4

Alleg./PA/Del SALON A3 (BACK)

SOUTHEAST/FL SALON C6

12:00–1:20 P.M.	NETWORKING LUNCH	CONTINENTAL BALLROOM B
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Connecting with the Mathematics Community

1:20–1:40 P.M.	BREAK	
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1:40–2:40 P.M.	GREEN'16 SESSIONS (CHOOSE ONE)	
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Planning and Teaching Upper-Level Courses

SALON C4

Presenters: David Clark (Grand Valley State University), Jacqueline Jensen-Vallin (Lamar University), Jessica Libertini (Virginia Military Institute)

Organizers: Amy Givler, Heidi Goodson, Emily Gunawan, Marcos Lopez

How to Increase Student Buy-In for Active Learning

SALON C6

Panelists: Angie Hodge (University of Nebraska Omaha), April Strom (Scottsdale Community College)

Organizers: Phillip Andreae, Neha Gupta, Julia St. Goar, Alana Unfried

2:40–3:00 P.M.	BREAK (WITH SNACKS)	
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WEDNESDAY, JULY 26 (CONT)

3:00–4:00 P.M.	<p>GREEN'16 SESSIONS (CHOOSE ONE)</p> <p>Community Building in the Math Major SALON C4 Presenters: Jean Bee Chan (Sonoma State University), Elizabeth Donovan (Murray State University), Christine Haught (Loyola University Chicago), Jonathan White (Coe College) Organizers: Craig Collins, Tetyana Malysheva, Brittney Miller, Amanda Taylor</p> <p>Strategies to Prepare for Classes before the Semester Starts SALON C6 Presenters: Allison Henrich (Seattle University), Karen Keene (North Carolina State University), Mike Orrison (Harvey Mudd College) Organizers: Derdei Bichara, Lauren Grimley, Alona Kryshenko, Catie Patterson</p>
4:05–4:20 P.M.	CLOSING THOUGHTS SALON C4
4:20–4:40 P.M.	BREAK
4:40–6:00 P.M.	<p>GREEN'16 GRADUATION / CLOSING PLENARY CONTINENTAL BALLROOM C</p> <p>Using Your Power for Good Francis Su, Past MAA President, Harvey Mudd College (Blue, 1996)</p>

PROJECT NEXT COURSES (BLUE'17 & GREEN'16)

GREEN'16 FELLOWS: SEE YOUR EMAIL FOR COURSE ASSIGNMENTS

THURSDAY, JULY 27 & FRIDAY, JULY 28

1:00–3:00 P.M.	<p>COURSE U BOULEVARD C</p> <p>NSF Basics: Overview, Funding Opportunities, and Grant-Writing Tips Sandra Richardson (Sterling, 2005), National Science Foundation</p> <p>Getting Your Research Off to a Good Start Anthony Tongen (Sterling, 2005), James Madison University</p>
1:00–3:00 P.M.	<p>COURSE V BOULEVARD B</p> <p>Teaching Math to Future Teachers? This is the Course for You! Jennifer Szydluk, University of Wisconsin Oshkosh</p>
1:00–3:00 P.M.	<p>COURSE W BOULEVARD A</p> <p>Using Technology for Effective Teaching and Student Engagement Doug Ensley (Red, 1994), MAA Deputy Executive Director</p>
3:20–5:20 P.M.	<p>COURSE X BOULEVARD B</p> <p>Teaching Statistical Concepts with Activities, Data, and Technology Beth Chance and Allan Rossman, California Polytechnic - San Luis Obispo</p>
3:20–5:20 P.M.	<p>COURSE Y BOULEVARD A</p> <p>Creating a Toolbox for Student-Centered Assessment Ben Braun, University of Kentucky</p>
3:20–5:20 P.M.	<p>COURSE Z BOULEVARD C</p> <p>Integrals, an Introduction to Undergraduate Research Victor Moll, Tulane University</p>

2017-2018 PROJECT NEXT FELLOWS BLUE'17 COHORT

Sungwon Ahn
Roosevelt University
1,c,v,g,C,G,X

Adelaide Helen Akers
Emporia State University
2,e,vi,h,D,J,Y

Toyin Omolara Alli
University of Georgia
3,b,i,i,E,G,W

Angelynn R. Alvarez
The State University of New York at
Potsdam
4,d,vi,g,B,I,Z

Katie Ansaldi
Wabash College
5,a,vi,i,A,G,Z

Kwadwo Antwi-Fordjour
Earlham College
6,e,ii,i,D,J,Z

Rene Ardila
Grand Valley State University
7,b,vi,f,B,I,Z

Vira Babenko
Ithaca College
8,c,ii,j,D,G,Z

Edgar A. Bering
Temple University
9,d,iv,f,B,F,U

Anthony Bosman
Andrews University
1,e,ix,h,E,G,X

Abbey Bourdon
Wake Forest University
2,b,vii,i,A,H,Z

Axel T. Brandt
Davidson College
3,d,iv,g,A,H,V

Marko Budisic
Clarkson University
4,c,ix,i,C,F,Z

Christine Caples
Southern New Hampshire University
5,e,i,g,D,J,V

Safia Chettih
Reed College
6,c,ii,j,C,I,U

Corrin Clarkson
New York University
7,c,iii,i,A,G,W

Sara Clifton
University of Illinois Urbana-Champaign
8,d,iii,j,C,I,U

Christopher R. Cornwell
Towson University
9,c,x,j,E,F,U

Laura Dawn Croyle
Salve Regina University
1,b,v,h,D,J,Z

Jay Cummings
California State University, Sacramento
2,e,vii,g,B,I,Z

Eyob S. Demeke
California State University, Los Angeles
3,a,vi,j,E,H,V

Patrick Devlin
Yale University
4,d,iii,j,D,J,Z

Carol A. Downes
Hendrix College
5,c,v,j,A,I,Y

Brett Frankel
Northwestern University
6,b,ii,f,E,G,Y

Jennifer Lea Garbett
Lenoir-Rhyne University
7,e,v,f,B,J,X

Kevin Gerstle
Oberlin College
8,a,iii,j,A,G,U

Kyle L. Golenbiewski
University of North Alabama
9,b,ix,j,A,J,Y

Marggie D. Gonzalez-Toledo
University of Puerto Rico Mayaguez
1,a,v,g,C,J,W

Michael John Griffin
Brigham Young University
2,b,x,h,A,I,U

Semere Kidane Habtemicael
Wentworth Institute of Technology
3,b,vii,h,D,F,U

Brittany L. Hansen
Campbell University
4,e,v,f,B,F,U

Emily Herzig
Texas Christian University
5,b,i,j,C,J,Y

Kaitlin Hill
University of Minnesota - Twin Cities
6,e,iv,h,A,H,Y

Natalie Hobson
Sonoma State University
7,d,v,h,E,H,Y

Wesley K. Hough
University of Wisconsin - Whitewater
8,d,vi,j,D,J,U

Brian Hwang
Cornell University
9,b,ii,i,C,G,U

Michael R. Kelly
Transylvania University
1,b,viii,h,D,F,X

Emese Kennedy
Hollins University
2,e,ii,i,B,F,U

Peter Klosterman
Central Washington University
3,e,vi,g,B,J,V

Katelynn D. Kochalski
SUNY Cortland
4,b,v,j,D,J,X

Kenji Yoshida Kozai
Rose-Hulman Institute of Technology
5,c,v,g,C,G,X

Matthew Krauel
California State University, Sacramento
6,c,x,f,E,F,U

Jeffrey Landgren
University of North Georgia
7,e,x,i,B,H,Z

Sara W. Lapan
University of California, Riverside
8,c,vii,i,B,J,U

Lauren Lazarus
Trinity College
9,e,iii,i,A,J,Z

Veny Liu
University of Hawai'i-West O'ahu
1,d,vi,h,A,I,V

Wen Liu
Lamar University
2,b,vii,i,E,I,Z

Amanda Lohss
Messiah College
3,e,viii,h,D,G,U

Jireh Loreaux
Southern Illinois University Edwardsville
4,e,x,h,A,I,Z

Melissa Lynn
University of Minnesota
5,e,iii,f,B,H,V

Alicia Marino
University of Hartford
6,e,v,f,B,H,Z

Matthew S. Mizuhara
The College of New Jersey
7,b,vi,j,A,J,W

Quinn Alexander Morris
Swarthmore College
8,d,iv,j,B,I,U

John Myers
State University of New York at Oswego
9,a,ix,g,A,H,Z

2017-2018 PROJECT NEXT FELLOWS BLUE'17 COHORT

Brice Merlin Nguelifack
United States Naval Academy
1, c, vii, i, C, J, X

Rachael M. Norton
Northwestern University
2, e, iv, h, A, I, U

Stephen O. Oloo
Kalamazoo University
3, d, ix, f, D, G, U

Emily J. Olson
Millikin University
4, e, viii, h, E, F, U

Marcos Ortiz
Grinnell College
5, a, iii, j, D, H, U

Katherine L. Paullin
University of Kentucky
6, d, i, g, B, H, V

Simon D. Pfeil
Saint Norbert College
7, e, ix, g, B, H, U

Kristen Lena Pueschel
Penn State New Kensington
8, d, i, h, B, F, Z

Pamela Beth Pyzza
Ohio Wesleyan University
9, d, vii, g, E, F, U

Evan L. Ray
Mount Holyoke College
1, c, vii, g, E, H, X

Daniel L. Reinholz
San Diego State University
2, d, x, g, D, G, U

Ranjan Rohatgi
Saint Mary's College
3, c, viii, i, E, H, W

Michael A. Rosas
United States Military Academy
West Point 4, a, iv, g, E, F, U

Kendrick L. Savage
Georgia Gwinnett College
5, d, i, g, B, H, V

Paul Savala
Whittier College
6, b, iv, g, C, F, X

Erica H. Shannon
Pierce College
7, d, ix, h, A, H, Y

Taylor Short
Grand Valley State University
8, e, x, g, D, J, Z

Shawnda R. Smith
California State University Bakersfield
9, d, ix, h, E, G, V

Rachel Stahl
Bridgewater State University
1, d, vi, j, A, G, Y

Christina M. Starkey
Southern New Hampshire University
2, d, viii, g, D, H, V

Ryusei Melody Takeuchi
Wentworth Institute of Technology
3, c, viii, i, D, F, W

Amelia Tebbe
Indiana University Kokomo
4, c, vii, j, E, F, W

Bhikhari P. Tharu
Spelman College
5, b, vii, h, C, G, X

Bianca A. Thompson
Harvey Mudd College
6, b, ii, j, C, I, W

Drew Elizabeth Tomlin
Texas Christian University
7, b, i, h, E, I, X

Timothy Onofre Trujillo
Sam Houston State University
8, c, x, i, B, J, Z

Justin Trulen
Kentucky Wesleyan College
9, c, viii, g, E, I, Z

Salam Turki
Rhode Island College
1, a, ix, h, A, G, V

Peter William Ulrickson
The Catholic University of America
2, e, x, h, E, I, U

Sarah Vigliotta
Yale University
3, b, i, i, C, J, W

Hakim Jamal Walker
Harvard University
4, d, iii, g, E, F, W

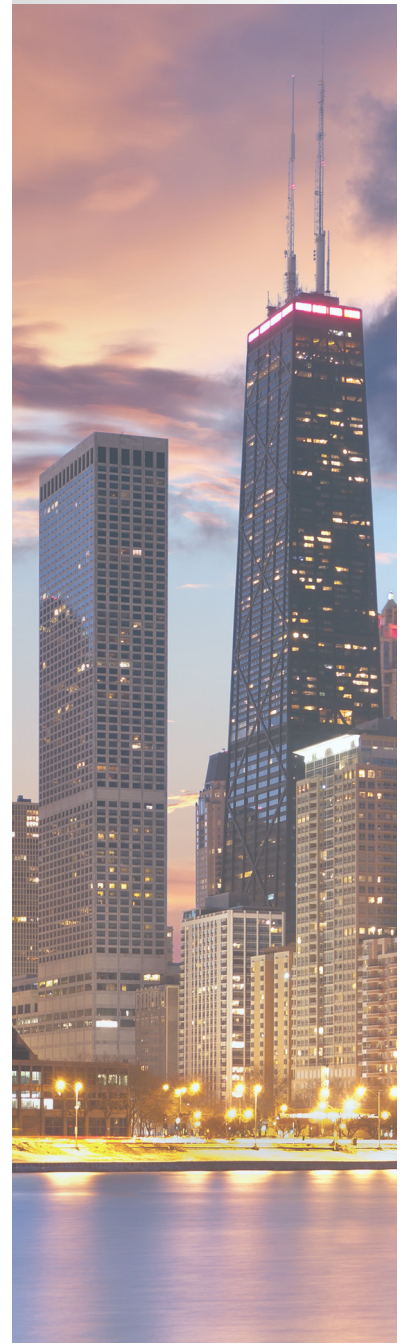
Stefanie Wang
Trinity College
5, a, ii, i, C, F, U

Ian Whitehead
Macalester College
6, a, iv, h, E, I, Z

Sandi Xhumari
Dalton State College
7, c, ii, f, B, J, U

Nina (Ning) Xu
Bucknell University
8, b, ix, i, C, G, X

Scott Zinzer
West Virginia Wesleyan College
9, a, viii, j, C, F, V



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. When not drawing pictures on a computer, he is programming robots with high school students or playing the guitar.

Julie Barnes (Blue, 1996) is a Professor of Mathematics at Western Carolina University and Associate Director of MAA Project NExT. Her mathematical interests include using tactile teaching activities, complex dynamics, and finding mathematical coloring book images. She won an MAA Allendoerfer Award in 2016. Outside of math she enjoys hiking, playing racquetball, and hanging out with her two cats.

Linda Braddy (Cardinal, 2001) is Vice President for Academic Affairs at Tarrant County College Northeast Campus. As Deputy Executive Director of the MAA, her 20-1 record of successful NSF grant applications produced a portfolio of over \$16.5 million. An award-winning teacher, she is always improving her own time management so she can do more with less - and still have time to spend with her grandkids.

Benjamin Braun holds the 2015-2017 Wimberly and Betty Royster Research Professorship and is an Associate Professor in the Department of Mathematics at the University of Kentucky. His mathematical research is in algebraic and geometric combinatorics, and his scholarly interests in teaching and learning include active learning, assessment, and the use of writing in mathematics courses. He serves on various editorial boards and committees for the AMS and MAA.

Beth Chance is a Professor in the Department of Statistics at Cal Poly – San Luis Obispo. She is a fellow of the American Statistical Association and an award winning teacher.

Alissa Crans (Orange, 2004) is a Professor of Mathematics at Loyola Marymount University and an Associate Director of MAA Project NExT. Her professional interests include higher-dimensional and quantum algebra, relationships between math and music, and encouraging and supporting diversity and inclusivity in mathematics. She enjoys playing the clarinet, running, and baking (not cooking!).

Matt DeLong (Brown, 1999) is a Professor of Mathematics at Taylor University and an Associate Director of MAA Project NExT. His interests include knot theory and faculty development. He was awarded the Alder Award and the Haimo Award for distinguished teaching from the MAA. His hobbies include singing in choir and performing in musical theater, but now more often he watches his three kids do the same.

Michael Dorff (Peach, 1997) is math department chair at BYU and does research in complex analysis and data analytics. He is involved in undergraduate research, non-academic careers in mathematics, and promoting mathematics to the general public. He is a Fellow of the AMS, was a Fulbright Scholar in Poland, and received a Haimo Teaching Award from the MAA. He was recently elected to serve as the next President of the MAA. He is married with 5 daughters.

Doug Ensley (Red, 1994) is currently Deputy Executive Director of the MAA, having spent the previous 23 years as a mathematics professor at Shippensburg University. His primary academic interests are in discrete mathematical topics and the use of technology in teaching mathematics. He served as Editor of the MAA's Mathematical Sciences Digital Library (MathDL) Classroom Resources from 2001 to 2009. Doug co-founded the website, flashandmath.com, which received the 2009 ICTCM Award for Excellence and Innovation with the Use of Technology in Collegiate Mathematics.

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 Ph.D. 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.

Steven Greenstein (Peach, 2010) is an Assistant Professor of Mathematics Education at Montclair State University and an Associate Editor of the Journal of Mathematical Behavior. He enjoys thinking about mathematical things... and how people think about mathematical things. His current projects include modeling children's topological ideas, designing everyday knowledge-eliciting mathematical tasks, and implementing 3D design and fabrication experiences within teacher preparation.

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.

WORKSHOP LEADER BIOS

Dave Kung (Gold, 2000) is a Professor of Mathematics at St. Mary's College of Maryland and director of MAA Project NExT. His research interests have shifted from Harmonic Analysis to Mathematics Education. He enjoys running and playing violin, both alone and with his daughter.

Victor Hugo Moll was born in Santiago, Chile. He did his undergraduate education at Universidad Santa Maria in Valparaiso. He studied under Henry McKean at the Courant Institute for his PhD and currently is Professor of Mathematics at Tulane University. He enjoys working with students of all levels. He has been involved in a variety of REU programs, including SIMU in Puerto Rico and MSRI-UP in Berkeley. Some of his former graduate students have participated in the NExT program.

Sandra Richardson (Sterling, 2005) is a Program Director and co-lead of the Robert Noyce Teacher Scholarship Program at the National Science Foundation (NSF) in the Directorate of Education and Human Resources, Division of Undergraduate Education. Her scholarly interests include advancing pedagogical content knowledge of mathematics teachers, studying minority and underrepresented students' mathematical thinking, and mathematics teacher education.

Allan Rossman is a Professor in the Department of Statistics at Cal Poly – San Luis Obispo. He is a fellow of the American Statistical Association and an award winning teacher. Allan most recently (2016) received the ASA's Waller Distinguished Teaching Career Award.

Carol Schumacher teaches at Kenyon College. Winner of Ohio Section MAA's award for distinguished teaching, she authored *Chapter Zero* and *Closer and Closer*, texts that encourage an inquiry-based learning approach. In 2018, she will become vice-president of MAA. Carol loves to read with a cat in her lap, take long walks with friends, and most of all she loves to travel.

Chris Stevens is an Associate Executive Director of the American Mathematical Society. Before joining the AMS 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.

Francis Su (Blue, 1996) is a professor at Harvey Mudd College and MAA Past President. His research is in topological combinatorics. He's a Haimo teaching award recipient, an app developer (*MathFeed*), and author (*Math Fun Facts* website). He enjoys gardening for similar reasons as teaching: it's earthy, fundamental, requires care, exciting when it bears fruit, but always inherently rewarding.

Jennifer Szydlak earned her Ph.D. in Mathematics with a specialty in Mathematics Education from the University of Wisconsin Madison in 1995. She has spent the past twenty years developing courses, workshops and materials for, and working with, prospective and practicing teachers at all levels. She has received numerous teaching awards including the MAA Wisconsin Section Distinguished Teaching Award and the University of Wisconsin System's Regents Award for Teaching Excellence.

Anthony Tongen (Sterling, 2005) is currently an Associate Dean at James Madison University. He has mentored more than 65 undergraduate research projects and written *Keeping it R.E.A.L.: Research Experiences for All Learners*, a collection of undergraduate classroom research projects. Anthony enjoys spending time with his wife and kids on π -acres in addition to sharpening his mentoring skills in his church.

Talithia Williams (Pine, 2009) is an Associate Professor and Associate Dean for Research. She has a degree in Math from Spelman College, master's from Howard University and Ph.D. in Statistics from Rice University. She's had research appointments at NASA and the NSA and has given a TED talk. She's a former MAA Governor and recently completed a Statistics course for "The Great Courses". Her husband is happy that this is one of the few years that their anniversary won't be celebrated at Mathfest (July 31st).

Holly Zullo (Green, 1995) is Professor of Mathematics at Westminster College (UT). She has also taught at Eastern Oregon University and at Carroll College (MT). Holly has been PI or co-PI on four NSF grants: two to develop questions for and study the pedagogy of classroom voting, and two CSEMS/S-STEM grants. Proficient at solving the two-body problem, she is also mom to two cats and one human.

SUPPORTERS OF MAA PROJECT NEXT

The MAA thanks these donors for their support of the
2017-2018 Project NExt Fellows

Mary P. Dolciani Halloran Foundation

Richard Good Fund

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