American Mathematical Association of Two-Year Colleges

Keynote Speakers

Linda Braddy
Brookhaven College
Are We Guilty of Educational Malpractice?

Ted Coe
NWEA
Mathematical Rigor Mortis: The Quest for a Cure

Featured Speakers

Andrew Adey
Oregon Health & Science University
Patterns in Massive Datasets Translate to Human Health and Disease

Debbie Olson
Spokane Falls CC
K–12 to College to Non-Profit: Observations of a Mathematical Nomad
**Conference Highlights**

Catch a Vision for the Future from our speakers and share your own with other attendees at the 46th AMATYC Annual Conference in Spokane, WA, November 12 - 15, 2020. Thursday from 8:00 am - 10:00 am, choose from 36 different speakers giving 15-minute presentations as these AMATYC communities sponsor Themed Sessions: the Mathematics Intensive, Mathematics and Its Application for Careers, Placement and Assessment, and Statistics Committee; the Pathways Joint Subcommittee; and the International Mathematics Anet. A seventh Themed Session sponsored by the Mathematics in the First Two Years of College (IMPACT) Committee will take place on Saturday. Check the topics on the conference app and change rooms as new topics catch your interest. Thursday morning, you might also choose to join a 50-minute walking tour of the Spokane Convention Center to learn more about AMATYC as you meet leaders from the Executive Board, Professional Development Committee, and Conference Committee along the route. These AMATYC 101 tours will leave at 8:00 am and 8:20 am from the Registration Area. Mini sessions (25-minute presentations) from 11:30 am to 12:25 pm give you a chance to take a quick lunch break as presenters change at 11:55 am. And there's still time to catch more sessions before going to the Thursday Keynote at 3:00 pm and the Exhibit Hall Grand Opening at 4:30 pm. From Thursday through Sunday, your vision can be expanded with new views of corequisites, pathways, mindset for student success, technology, research, equity, and inclusion, plus so much more. Keep your eyes open for more details!

**Keynote Speakers**

Linda Braddy  
*Are We Guilty of Educational Malpractice?*

“The status quo is unacceptable” signaled a 2015 call to action in the Common Vision project to modernize curricula, programs, and pedagogies toward producing an adequate number of graduates with strong mathematical competencies. This presentation will challenge the audience to consider how we can transform mathematics education and promote equity and social justice.

Ted Coe  
*Mathematical Rigor Mortis: The Quest for a Cure*

We often talk about mathematical rigor, even though it lacks a shared, rigorous foundation. Sometimes, though, our conceptions of rigor kill mathematical progress and instead result in mathematical rigor mortis. In this talk I will provide a definition for mathematical rigor mortis and offer suggestions for a cure.

**Featured Speakers**

Andrew Adey  
*Patterns in Massive Datasets Translate to Human Health and Disease*

A new era in biology allows assessing the molecular properties of individual cells at an unprecedented scale, empowering exploration of each cell’s contribution to health and disease. Massive datasets require novel analysis strategies. See how the math you introduce is used to help solve biological and medical research problems.

Debbie Olson  
*K-12 to College to Non-Profit: Observations of a Mathematical Nomad*

After 20 years teaching high school and college mathematics, Olson joined the Mathematics Education Collaborative (MEC) and began providing workshops for K-20 educators. Supporting robust teaching across all grades, she has reflected upon the goals teachers share and how community colleges are especially well-positioned to inspire shifts in beliefs about math teaching and learning.

**Conference Registration**

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Please contact the AMATYC Office for more information regarding:

- Member-sponsored student registration
- Pre-paying conference registration fees

Discount registration deadline: Wednesday, September 30, 2020

**Spokane Conference Committee**

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**Exhibits Chair**  
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exhibits@amatyc.org
The 46th AMATYC Annual Conference begins Thursday, November 12, 2020, at the Spokane Convention Center located at 334 W. Spokane Falls Blvd., Spokane WA 99201. In Spokane, AMATYC will use The Davenport Grand, Autograph Collection, 333 W. Spokane Falls Blvd, as its Headquarters Hotel and the DoubleTree by Hilton Spokane City Center, 322 N. Spokane Falls Ct, as a second hotel. Both hotels are connected to the Spokane Convention Center via skybridges.

A block of guest rooms at reduced rates has been reserved at The Davenport Grand, Autograph Collection and at the DoubleTree by Hilton Spokane City Center until Wednesday, October 21, 2020, or until AMATYC’s room block is sold out, whichever comes first. Any unreserved rooms in the block may be released for sale to the general public after this date. AMATYC members have purchased all available rooms the past few years, so make your reservations early! Be sure to mention that you are attending the AMATYC Conference if making your reservation by phone. Reservations can be made at the links on the AMATYC website, the links listed below, or by calling the hotels at the numbers listed below.

A deposit equal to one night's stay is required to hold each individual's reservation. Personal check, money order or a valid American Express, Visa, MasterCard, Diners Card or Carte Blanche card number and expiration date or a guarantee to the master account are acceptable. Should a guest cancel a reservation, the deposit will be refunded if notice is received at least three (3) working days prior to arrival, and a cancellation number is obtained. In the event a guest who has requested a room within the block checks out prior to their reserved checkout date, the hotel will add an early checkout fee to that guest’s account. Guests wishing to avoid an early checkout fee should advise the Hotel at or before check-in of any change in planned length of stay.

To help AMATYC keep your conference costs reasonable, be sure to mention that you are attending the AMATYC Conference when contacting the hotel.

Rates cannot be changed at check-in or check-out for guests who fail to identify their affiliation at the time the reservation is requested.

**The Davenport Grand, Autograph Collection**

333 W. Spokane Falls Blvd. • Spokane, WA 99201

Reservations (online): [https://tinyurl.com/AMATYC2020-DavenportGrand](https://tinyurl.com/AMATYC2020-DavenportGrand)

Reservations (phone): 855.213.0582 (mention AMATYC Conference)

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<td>Check-out: Noon</td>
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**DoubleTree by Hilton, Spokane City Center**

322 N. Spokane Falls Ct. • Spokane, WA 99201

Reservations (online): [https://tinyurl.com/AMATYC2020-DoubleTreeHilton](https://tinyurl.com/AMATYC2020-DoubleTreeHilton)

Reservations (phone): 1.800.222.TREE (mention AMATYC Conference)

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*Rooms rates are subject to state, local, and occupancy taxes.

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**Places to Visit in Spokane**

Spokane is a small city with big city amenities. We have amazing arts, wonderful entertainment, delicious dining opportunities and beautiful outdoors. There are 14 downtown wineries and numerous breweries, and museums. Add great shopping and the attractions at Riverfront Park and you are certain to have a great time in Spokane! Best of all this is all within 1-2 miles of the conference hotels and convention center. Here is a small sample of the possibilities:

**Museums**
- Northwest Museum of Arts and Culture
- Mobius Science Center
- Mobius Children’s Museum
- Bing Crosby House at Gonzaga University
- Jundt Art Museum
- Campbell House Historic Museum

**Outdoors**
- 37-mile Spokane River Centennial Trail
- Riverside State Park
- Manito Park, gardens and conservatory
- Mount Spokane State Park
- Further afield: Coeur D’Alene Idaho Region, Walla Walla and Columbia basin wineries, Sandpoint Idaho region

**Riverfront Park and Huntington Park**
- Numerica Skyride over the falls
- Looff 1909 Carousel
- U.S. Pavilion Light Shows and Concerts
- Numerica Ice Skating Ribbon
- The Garbage Goat!
- The Big Red Wagon
- Walking paths over the two downtown waterfalls

**Theaters/Performing Arts**
- Martin Woldson Theatre at the Fox (home of Spokane Symphony)
- First Interstate Center for the Arts
- Spokane Arena
- Myrtle Woldson Performing Arts Center at Gonzaga University
- Spokane Civic Theatre
- Bing Crosby Theatre

**Wineries/Breweries**
- Barrister Winery
- Maryhill Winery Tasting Room
- Bridge Press Cellars
- Cougar Crest Estate Winery
- Iron Goat Brewing
- No-Li Brewhouse
- Lone Tree Cidery
- and so many more!

More information about these and other attractions can be found at [www.visitspokane.com/amatyc2020](http://www.visitspokane.com/amatyc2020).

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**AMATYC Office**
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46th AMATYC Annual Conference
November 12 – 15, 2020

American Mathematical Association
of Two-Year Colleges
Advance Conference Information

46th Annual Conference
Spokane, Washington
Thursday – Sunday
November 12 – 15, 2020