

The Math ConneXion

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President's Message

Greetings!

I'm so excited to be President of IMACC for the next year. This is an amazing organization. I became a member back in 2009 when I was a graduate student and working as an adjunct instructor. I knew I wanted to become more involved with IMACC so I dipped my toe in by running for a board position. I didn't get that position but several months later then President-Elect, Bob Cappetta, called and asked if I would run for secretary. I served as secretary for the next 5 years. During that time, I secured my position and tenure at Kishwaukee College. I don't know how much my involvement in IMACC helped with my job search, but it certainly didn't hurt. Being actively involved not only helps the organization run, but it also gives you the opportunity to be involved firsthand with state initiatives and discussions with colleagues from other colleges.

What really pulled me into the organization was the annual conference. Wow! So inspiring and applicable. The 2024 Conference was no exception. Past-President, Chris Riola, pulled together a fantastic conference. It was great to see attendance returning to near pre-Covid numbers. Chris invited three keynote speakers from across the US and even into Canada. Keith Nabb (Piedmont Virginia Community College) got things started Friday morning with 10 active learning strategies in 50 minutes. There was no hiding in the corner for this session; Keith had us out of our seats within minutes! Friday afternoon textbook author, Elayn Martin-Gay, gave us an overview of the history of math education and a hint at how to make a difference in the future. Finally, Sean Saunders (Sheridan College, Ontario, Canada) worked our brains Friday night and kept us puzzling until Saturday morning as to how to escape from the evil troll. Sean mixed in-depth math concepts with accessible topics that can be used in the classroom or just geeking out with other mathphiles.

An added bonus was that all three keynote speakers were available all weekend. I was able to share a meal with Sean and visit the foo-dogs with Elayn. Keith and Elayn also each gave a concurrent session. Kudos to all the other members who helped by running concurrent sessions. Chris did a nice job balancing the sessions so there was something for everyone: technology, pedagogy, roundtables, and math intensive discussions.

Online Math ConneXion

The online version can be found at
<https://www.imacc.org>

Deadline for Submissions:

Fall 2024 - October 15
Winter 2025-January 15
Summer 2025-April 30

Submit items to: Ellen
Field, Editor The Math
ConneXion
ellenfield05@gmail.com

Is Your Membership Current?

Be sure to check your membership expiration date listed on the IMACC website. If your membership has expired or is about to expire, you can use this form: <https://www.imacc.org/members/member-registration> to renew. In addition, if there are mathematics faculty at your college who are not members of IMACC, please invite them to join. Please take time to also check the Institutional Membership for your school.

Besides thanking Chris, I also want to take a moment to thank Laurel Cutright, Past President, who helped both Chris and me in our roles in this past year and coordinated the programs for the 2023 conference. Amy Frankel, for sticking in for one more year as secretary, and our three outgoing board members: Joseph Dethrow, Ellen Field, and Tony Paris. And for making the conference run smoothly, we couldn't have done with it without our conference coordinator extraordinaire, Rodger Hergert (of Hergert Numbers, lol). Rodger handled late registration, cancelations, finding space to put extra beds for people, coordinating the catering and conference center. Thank you, thank you, thank you!

I look forward to working closely with the current board and give thanks in advance to: Ellen Field, President-Elect, Amy Madden who is staying on as treasurer, our new secretary, Jacob Winters, and the following new board members who are starting a new three-year term: Joseph Craan, Peter Kay, and Kyriakos Kypriotakis.

Over the summer, I hope you can think about ways you can help serve IMACC. While elections are not until early 2025, we are also looking for someone to fill Rodger Hergert's shoes as conference coordinator. While this is a big role, it is vital to having a well-run conference and Rodger has offered to help mentor someone this year so the role will be easier to step into for the 2026 conference.

Hope this summer brings you time for reflections, relaxation, and some travel.

Best,
Kyra Rider
IMACC President
krider@kish.edu

Notification Needed

In an effort to cut down on the unnecessary mailing of paper copies, IMACC members wishing to continue receiving the *ConneXion* in hardcopy format, please email Ellen Field at ellenfield05@gmail.com (if you haven't already). If you would like to update your address or email address information, please go to the member's area on the IMACC [website](#).

Institutional Members

College	Expires
Black Hawk College	2024
Carl Sandburg College	2024
College of DuPage	2024
College of Lake County	2024
Elgin Community College	2024
Harper College	2019
Heartland Community College	2020
Illinois Central College	2023
John A. Logan College	2017
John Wood Community College	2019
Joliet Junior College	2019
Kankakee Community College	2023
Kaskaskia College	2024
Kishwaukee College	2024
Lake Land College	2019
Lewis & Clark Community College	2024
Lincoln Land Community College	2021
McHenry Community College	2018
Moraine Valley Community College	2024
Morton College	2022
Oakton Community College	2024
Parkland College	2024
Prairie State College	2023
Rend Lake College	2018
Richland Community College	2018
Rock Valley College	2024
Shawnee Community College	2024
South Suburban College	2024
Southwestern Illinois College	2025
Triton College	2020
Waubonsee Community College	2024

And the Awards Go To...

Scholarship Committee (Angie Gum):

Veeran Thakkar a student at Elgin Community College is the recipient of this year's IMACC Memorial Fund Scholarship. He will be at the University of Illinois. His goal is to be a math professor.

Awards Committee (Deanna Welsch):

Distinguished service – **Paul McCombs**, Rock Valley College
 Teaching Excellence – **Omar Adawi**, Parkland College

Lifetime Membership:

Laurie Hoeshertl, Kishwaukee Community College
Donna Carlson, College of Lake County
Laurel Cutright, Onley Central College
Mike Caparula, Kankakee Community College
Jim Olsen, Western Illinois University

Congrats!!

Memories of 2024 IMACC Conference



Memories of 2024 IMACC Conference (Continued)



Photos by
Rodger Hergert



Upcoming Conferences

2024	<u>AMATYC</u>	November 14-17	Atlanta, GA
2025	<u>IMACC</u>	April 3-5	Monticello, IL
2025	<u>AMATYC</u>	November 13-16	Reno, NV

Curriculum Corner

By Abby Bailey

Recent Meetings:

March 31, 2023 (Conference)

September 14, 2023 (Zoom)

January 24, 2024 (Zoom)

Anticipated: September 5, 2024 (Zoom)

Basic Organization:

Spring Meeting (March 31, 2023):

The committee's several page edit package for the Articulation Guide vote passed, and an annual review is expected. The Committee updated Differential Equations and approved an edit to the historical section of the Guide. The Committee also recommended communication with the Board, IAI panels, and ISMAA.

Fall Meeting (September 14, 2023):

The committee approved the revisions to Differential Equations and the historical section of the Guide. Subcommittees are working on curricular considerations due to DERA, Math for Elementary School Teaching I and II, and remedial math. An IAI panel for education is being formed (this coming spring?). It's called the Elementary and Secondary Education Panel.

Winter Meeting (January 24, 2024):

The committee discussed AP Precalculus and College Algebra being taught as dual credit. A couple of CC's are using the AP Precalculus but not for Precalculus credit. The committee also has a few subcommittees working simultaneously. One ran to discuss Math for Elementary School Teaching I and II. They shared and compared syllabi and curricular needs regionally. They differ in accordance with their 4-year school curricular needs. Another subcommittee is working on posting data gathered about DERA initiatives on IMACC's website. And the remedial math subcommittee plans to meet at Allerton.

Articulation Guide:

- IAI gen ed math panel made a small update to the calculus sequence: "calculus of exponential and logarithmic functions" for clarification.
- IAI major's panel made a small update to the calculus sequence: "surfaces including cylindrical and quadric surfaces" for clarification.
- An updated version of the Guide hopes to include a revised Differential Equations and historical section. ISMAA approved the changes. The Committee hopes membership will vote in favor of these changes at the business meeting at the spring conference.
- The committee will continue to work towards the challenge of making editorial suggestions for the developmental section of the Guide. The subcommittee will use the data from the survey data to strive for informed and creative decisions.
- The committee will be looking at the calculus sequence and general education math for updating.

Membership Concerns:

- Members express concerns about tailoring Math for Elementary Teaching I and II to meet independent university needs.
- Members expressed concern that the statistics course(s) may be outdated in the Articulation Guide.
- Members expressed concern that the annual updating to the Articulation Guide mask when a major change occurs.
- Members expressed concerns about GECC accepting alternate courses to math for satisfaction of the math requirement.
- Accurate assessment of student knowledge continues to be a concern for math courses being offered online without proctored testing. Statements about proctored assessment practices in the online environment have been made by AMATYC ([position statement link](#)) and IAI's Math Major Panel ([panel's criteria linked](#)). The Higher Learning Commission gave room for proctoring by saying a class is defined to be a "distance education course" if 75% of the course uses technology ([definition link](#)).
- The College Board has created an AP Precalculus course. In November 2022 it came out with a proposed framework for its curriculum ([proposal link](#)). Many faculty have noticed the misalignment with the Articulation Guide. The Committee recommends careful consideration of content if using this as a prerequisite equivalence.
- Concerns about credentials for dual credit courses being taught in the high schools continues to be a concern as it impacts the student knowledge of the expected curriculum upon completion. This is now showing a larger prevalence in the precalculus courses across our state.

Chair Concern:

- Many members are retiring!

In Search of a 2026 IMACC Conference Coordinator

As announced at this year's IMACC Conference, Rodger Hergert will be stepping down as Conference Coordinator after the 2025 conference. It would be ideal to find the next coordinator now so that they can shadow Rodger during the preparations for 2025. If you're interested in finding out more about the position, email Rodger at conference@imacc.org.

Historian's Corner

By Rodger Hergert

First, I want to thank Catherine Moushon of Elgin Community College for tracking down the schedule of speakers from the 2004 IMACC Conference. We now have all speaker schedules posted on the IMACC website going back to 1998. If anyone has schedules for conferences prior to that, I would love to get scanned copies. Also, I'm still seeking Math ConneXion issues from 1995 to 2000 and photos from conferences in 2010, 2009, and pre-2007. You can send any artifacts to me at rvcmathguy@yahoo.com.

Full-Time Math Faculty Job Postings

Oakton College, Fall 2024

<https://oakton.interviewexchange.com/jobofferdetails.jsp;jsessionid=04847FFF0B878EF9239326E85D819145?JOBID=174158>

Kankakee Community College: <https://www.schooljobs.com/careers/kankakeecc/jobs/4260356/assistant-professor-mathematics-fall-2024>

John A Logan College: <https://www.jalc.edu/job/mathematics-instructor-full-time-tenure-track-fall-2024/>

Sauk Valley Community College: <https://jobs.svcc.edu/postings/1880>

IMACC Leadership 2023-2024

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