

The Math ConneXion

NEWSLETTER OF THE ILLINOIS MATHEMATICS ASSOCIATION OF COMMUNITY COLLEGES

Volume 53

Summer 2022

Number 3



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President's Message

Happy Summer greetings to everyone! I am excited to begin the role as your president, and with all of the unforeseen challenges of this next year, I hope that I will represent you and IMACC well.

Before I state some of my minor goals, I would like to recognize some of our newly elected officers. We welcome back Diane Koenig of Rock Valley College and Chris Appuhn of Black Hawk College to the Board of Directors. Congratulations to Matthew Lee of Oakton Community College for his first term on the Board. Kudos to Amy Frankel of Waubonsee Community College for her continued dedication as Secretary. At the time of elections, we did not have a candidate for Treasurer. Since that time, Amy Madden of Moraine Valley Community College has been appointed by the Board to fill this position. Thank you again for agreeing to help. A huge shout out to Chris Riola of Moraine Valley Community College in his election as President-Elect. He plans on maintaining his role as Committee Leader of the Membership Committee. I would like to sincerely thank Daniel Kernler for all the help he has given me and for the wonderful job he did in leading IMACC in the past year. It was a very challenging time to be president. As he moves to the new role as Past-President, he will also take back up the task as Webmaster.

For some of us, the summer months are a time to relax on a vacation, accomplish that to-do list, and recharge without a schedule. For others, it is another semester, but shorter in weeks, packed with papers to grade, emails to read, and exams to write. Whatever your summer brings, I hope that we all begin to emerge out of the pandemic to the new normal safely. Rather than reminding of how challenging the last few years have been, I instead want to share a few of my hopes for the upcoming school year:

To start, I hope that this fall I can forget my Zoom password. I do not want the necessity of this again. I hope to see our students in a normal classroom with desks and books. I would even use chalk and a chalkboard again if this could happen; but only time will help us know for certain.

I want to have some extra time to reflect on all the new legislations that are changing our curriculum and instruction; begin to implement the plans of the reforms, such as DERA, into my courses and classroom situations; and of course, change lesson plans and coursework to reflect these changes and to also align with assessment and appropriate articulation.

Online Math ConneXion

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

Deadline for Submissions:

Fall 2022 - October 15
Winter 2023-January 15
Summer 2023-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.

Lastly, my biggest wish is that we all return to the Allerton Park and Mansion in April of 2023 for the annual IMACC conference. I want to collaborate with all of you, have some tasty meals prepared just for us, listen to an excellent breakout session in the Butternut Room, wander the gardens, visit the Fu dogs or The Sun Singer, and then meet all together in the library.

Overall, though, my hope is that you enjoy your summer so that you are able to feel prepared for the next school year.

Thank you, and I look forward to meeting with you all soon.

Laurel Cutright
Olney Central College

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 have had any change to your address or email address, please email the IMACC Membership Chair, Christopher Riola, at riolac@morainevalley.edu with your updated information.

Send in Your Nominations

Consider nominating a deserving student for the IMACC Memorial Fund Scholarship (deadline March 1), a deserving colleague for the Distinguished Service Award, or the Excellence in Teaching Award (deadlines March 1), or retiring members meeting the qualifications for the Life Membership Award. For more information, visit online at www.imacc.org.

Upcoming Conference

MAA (MathFest) 2022: Philadelphia, PA, August 3-6, 2022.
<https://www.maa.org/meetings/calendar-events/future-meetings>

48th AMATYC Annual Conference 2022: November 17-20 in-person in Toronto; December 2-3, 2022 (virtual).
Visit the Conference website at <https://amatyc.org/page/Conferences>

Institutional Members

College	Expires
Black Hawk College	2022
Carl Sandburg College	2022
College of Dupage	2021
College of Lake County	2019
Elgin Community College	2022
Harper College	2019
Heartland Community College	2020
Illinois Central College	2022
John A. Logan College	2017
John Wood Community College	2019
Joliet Junior College	2019
Kankakee Community College	2022
Kaskaskia College	2022
Kishwaukee College	2022
Lake Land College	2019
Lewis & Clark Community College	2022
Lincoln Land Community College	2021
McHenry Community College	2018
Moraine Valley Community College	2020
Morton College	2022
Oakton Community College	2016
Parkland College	2020
Prairie State College	2021
Rend Lake College	2018
Richland Community College	2018
Rock Valley College	2020
Shawnee Community College	2020
South Suburban College	2022
Southwestern Illinois College	2018
Triton College	2020
Waubonsee Community College	2021

Awards, Scholarships and Distinctions

Final Words from our Past President

To all those who helped plan, who presented, attended, and participated in the 2022 IMACC Conference, I want to give you my sincere and heart-felt thanks. Despite some technical issues, we had a great conference. We're currently working on getting recordings edited and uploaded to YouTube, so keep your eye on your email and the conference page for those links.

I've mentioned this before, but I never thought I would have an opportunity to lead an organization like IMACC. Part of that was because I didn't think I had the skill set. I mention this because I think participating in IMACC leadership is an opportunity that every IMACC member should take advantage of. You don't need to be an expert in everything across the state to contribute to board decisions and to support the organization. Not only that, participating can be a great professional growth opportunity and maybe even give you that nudge to participate in other leadership opportunities that you didn't think you were capable of on your own campus. So the next time that election email comes, please consider putting your name forward!

With that sales pitch over, I'd like to thank everyone who helped me this year. Past President Mike Caparula was a huge help as I pestered him throughout the year. Natalie McGathey will be sorely missed as Treasurer (though we are excited to have Amy Madden on board in that role), and Amy Frankel was masterful, as always, as our Secretary. With our decision to give free membership again this year, Chris Riola (President-Elect, as well!) was vital in manually extending memberships for everyone within the system. Diane Koenig did a great job facilitating the scholarship raffle. And finally, a huge thanks to my ECC colleague Chris Cunningham, who served as Webmaster during my time as President.

I hope you all have a wonderful rest of the semester. Thank you for a great year as President of IMACC!

Dan Kernler
Elgin Community College

Congratulations to **Laurie Hoecherl** (Kishwaukee College) as the recipient of the **Teaching Excellence Award**.

Congratulations to **Diane Koenig** for receiving the **Distinguished Service Award**.

Congratulations to **Rodger Hergert** (Rock Valley College) for being awarded the **Life Membership Award**.

Curriculum Corner

Curriculum Committee Update by Abby Bailey

Inclusion: If any members want to join the curriculum committee, please do not hesitate to volunteer. Joining the Curriculum Committee is not an elected position, and we like to see representation from each community college. It's a great place to share and learn of new and old curricular ideas. Email me at abailey@elgin.edu to get information on the next meeting held via Zoom (in August) to join.

Some Recent IAI Updates:

- Calculus Sequence: Notice that “inverse trigonometric functions” has been highlighted in the M901, 902, 903 course description. Also, “surfaces” has been changed to “cylindrical surfaces.”
- Intro to Linear Algebra: Notice the prerequisite has changed to Calculus I and that the course description includes student written proofs.
- Differential Equations: There was a rearrangement of topics and the word “all” seems to have been emphasized.
- Calculus for Business and Social Sciences: A revision was made pertaining to partial derivatives and applications.
- Math for Elementary Teaching: Removal of calculator and micro-computer use.
- General Education Math: You'll see that there is emphasis placed on “and.” Plus “voting” appears as a topic.

Elementary Education:

Two statements have now been posted on the website to provide ongoing support for geometry prerequisite knowledge and computational assessment practices. Further discussions on math for future teachers continues as there is still a teacher shortage.

Technical Math:

A subcommittee was formed to gather information on mathematical curricular choices in technical math offerings. If you would like to aid and/or participate in this collaboration, please contact me (abailey@elgin.edu).

Articulation Guide:

- The work of the task force on college algebra, trigonometry, and the combined college algebra/trigonometry course been approved and updated. The Joint Articulation Guide on the website is current.
- As ongoing business, the Committee continues to review the course descriptions and prerequisites in the Guide and how they align and diverge with IAI's course descriptions. A subcommittee is being formed to dive a little closer into this work.
- A subcommittee is beginning to analyze the data collected on remedial math topics. This data will be reviewed before proceeding to consider a joint task force for editorial recommendations to the Guide. If you would like to aid or participate in this analysis, please contact me (abailey@elgin.edu).

Membership Concerns:

- Colleges across the state are turning in their changes in their placements and curricular sequencing due to the Developmental Education Reform Act (Article 100 of the Education and Workforce Equity Act), which are due. In addition to holding concern for our traditional developmental students who are unsure of their

mathematical potential, some members have expressed concerns regarding the students who would like to become future elementary teachers.

- Accurate assessment of student knowledge continues to be a concern for math courses being offered online mathematics without proctored testing. Some math departments are facing opposition to requiring proctored assessments.
- ISMAA is still concerned about a recent increase in failures of students passing the elementary licensure in Illinois (edTPA).
- 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 calculus sequence across the State.

If you have any ideas you want to share, ideas you want to gain, concerns about curriculum you want to voice, or interest in joining our committee, then send me a quick (or lengthy) email to abailey@elgin.edu. Happy teaching!

Full-Time Math Faculty Job Postings

Oakton Community College has a full-time tenure track math faculty opening for Fall 2022. Please click on the following link for more details:

<https://oakton.interviewexchange.com/jobofferdetails.jsp;jsessionid=F2826F29D9B2EBA940E19A2BFB708D4D?JOBID=139990>

Harper College has a full-time tenure track math faculty opening. Please click on the following link for more details:

<https://jobs.harpercollege.edu/cw/en-us/job/494195?lApplicationSubSourceID=>

Wilbur Wright College of City Colleges of Chicago has a full-time tenure track math faculty opening for Fall 2022.

Please click on the following link for more details: <https://cccconnect.referrals.selectminds.com/jobs/full-time-tenure-track-faculty-mathematics-1373>

Kaskaskia College in Centralia, IL is seeking a new assistant professor of mathematics to start Fall 2022. The posting is at <https://www.kaskaskia.edu/hr/employment/assistant-professor-of-mathematics.html> . It requires “Experience teaching Linear Algebra and Math for Elementary Education.”

Southeastern Illinois College is filling a full-time, tenure-track mathematics teaching position which will begin August 2022.

http://www.sic.edu/employment/sic/instruction/southeastern-illinois-college-full-time-math-instructor?fbclid=IwAR28-ZHTtrDuo6-d5IipzfP1HzhUUhkQxfHvcQiscgc4j9J1w_GVWU

News From AMATYC

April 2022 Regional Touchpoints

- [2022 AMATYC Annual Conference](#) in Toronto, Ontario
 - November 17 - 20, 2022
 - Virtual Days: December 2 & 3, 2022

- [Project ACCESS](#)

- AMATYC’s mentoring and professional development initiative for two-year college mathematics faculty in their first four years of teaching.
- Apply to be a fellow! Due date: May 15th

- [myAMATYC](#)

- IMPACT Live! – April is hosted by the International Mathematics Academic Network and OWNERSHIP is the spotlight. Log in and join in the conversation today.

- **New! AMATYC Regional Scholarship**

- *What is it?* The scholarship helps one AMATYC member from each region defray costs of attending the annual conference. One scholarship in the amount of a discounted conference registration will be awarded per region.
- *Who can apply?* Any AMATYC regular member.
- *How do I apply?* Simply fill out the application here: [AMATYC Regional Scholarship Application](#). The deadline to apply is **September 1st**.
- *How many?* One scholarship per region. Want more? Donate to the Regional Scholarship program through the [AMATYC Foundation](#) to support additional scholarships for the regions. Winners will be selected by the regional Vice Presidents by random drawing.

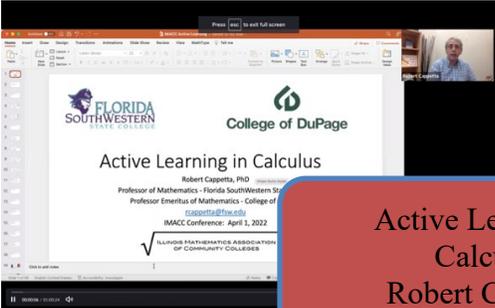
- [AMATYC 50th Anniversary Logo Contest](#)

- AMATYC is preparing to celebrate its 50th Anniversary during the 2024 AMATYC Annual Conference in Atlanta, GA and we want YOU to help us celebrate by designing a special 50th anniversary logo!
- The special 50th anniversary Logo will be used starting at the 2023 Annual Conference in Omaha, NE through the conference in Atlanta.
- THE PRIZE: paid registration to the 2024 AMATYC Annual Conference in Atlanta (at the member, early-bird registration rate).
- Entries are due **June 1** and can be submitted via the link [logo entry submission](#).

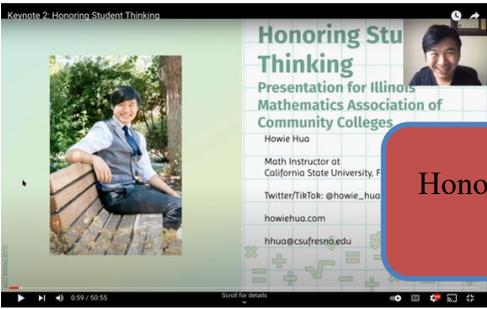
Highlights of the 2022 Virtual Conference



Build Virtues Not Just Skills
 Francis Su



Active Learning in Calculus
 Robert Cappetta



Honoring Student Thinking
 Howie Hua



Dan passing gavel to Laurel during Business Meeting



Dev Ed Reform Roundtable
Mike Caparula and Ellen Field



John Armon
Contracting for Calculus

IMACC Leadership 2021-2022

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