The Math ConneXion

NEWSLETTER OF THE ILLINOIS MATHEMATICS ASSOCIATION OF COMMUNITY COLLEGES

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President's Message

Happy summer, and I hope this edition of *The Math ConneXion* finds you well. I feel that I must start off my first remarks as IMACC President by saying how great it was to have an in-person conference again! Laurel Cutright and conference coordinator Rodger Hergert put together a great program and conference at Allerton. The IMACC conference is one of the highlights of my professional year.

I would like to acknowledge our IMACC officers and Board of Directors. Allow me to welcome Kyra Rider (Kishwaukee College) back to the Board as President-Elect. Laurel Cutright will continue to serve on the Board as Past-President. Amy Madden (Moraine Valley Community College) was elected to another term as Treasurer, and Amy Frankel (Waubonsee Community College) was appointed to a one-year term as Secretary. Our newest board members are Peter Keep (Moraine Valley Community College), Matthew Childers (Heartland Community College), and Brian Mercer (Parkland College). Their terms will run from 2023 through 2026. Continuing their terms on the Board are Ellen Field (Waubonsee Community College), Joe Dethrow (John A Logan College), Tony Paris (Carl Sandburg College), Diane Koenig, Matthew Lee (Oakton Community College), and Chris Appuhn (Black Hawk College). I look forward to continuing to serve IMACC with a great group of people.

This year at Allerton was certainly one to remember! After a great day filled with sessions (notably from our keynote speakers Alan Zollman and Bob Cappetta) and professional conversations, we were greeted by Mother Nature with a pretty powerful storm. We had an unscheduled session that took place in the basement right after dinner, when we were ready to be treated to our evening presentation. After getting the all-clear, we briefly lost power (for the second consecutive Allerton conference by the way!). After the delay, our evening speaker, Paula Wilhite, shared the role mathematics plays in classical music pieces. I hope everyone was able to get any storm-related damage repaired quickly!

Online Math ConneXion

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

Deadline for Submissions:

Fall 2023 - October 15
Winter 2024-January 15
Summer 2024-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.

One of my goals during my time as President is to set up networking opportunities so IMACC members can connect throughout the year. So many great conversations take place between sessions or during social times at the conference. I would love to see those conversations continue throughout the year. While I would consider my career complete if I never conducted class on Zoom again, having some sort of synchronous or asynchronous opportunities to connect and share ideas would be great. I would welcome any suggestions anyone has to help facilitate that goal!

I hope everyone has a great summer and has time for relaxation and travel!

Thank you, and I look forward to working with everyone during the 2023-2024 school year!

Christopher Riola
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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 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.

Upcoming Conferences

2023	MAA (MathFest)	August 2 – 5	Tampa, FL
2023	AMATYC	November 9-12	Omaha, NE
2024	IMACC	April 4-6	Monticello, IL
2025	IMACC	April 3-5	Monticello, IL

Institutional Members

College	Expires
Black Hawk College	2023
Carl Sandburg College	2023
College of DuPage	2021
College of Lake County	2023
Elgin Community College	2022
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	2022
Kishwaukee College	2023
Lake Land College	2019
Lewis & Clark Community College	2023
Lincoln Land Community College	2021
McHenry Community College	2018
Moraine Valley Community College	2023
Morton College	2022
Oakton Community College	2016
Parkland College	2024
Prairie State College	2023
Rend Lake College	2018
Richland Community College	2018
Rock Valley College	2023
Shawnee Community College	2023
South Suburban College	2023
Southwestern Illinois College	2023
Triton College	2020
Waubonsee Community College	2023

krazydad

Sudoku #1

2		5			7			6
4			9	6			2	
				8			4	5
9	8			7	4			
5	7		8		2		6	9
			6	3			5	7
7	5			2				
	6			5	1			2
3			4			5		8

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

If you use logic you can solve the puzzle without guesswork.

Need a little help? The hints page shows a logical order to solve the puzzle. Use it to identify the next square you should solve. Or use the answers page if you really get stuck.

krazydad
free puzzles and mazes

Answers on page 6

Memories from Allerton 2023

Clockwise: Alan Zollman receiving the James Armstrong Award (Paul McCombs (left) and Bob Cappetta (right) are former advisees); Chris Riola presenting Laurel Cutright with a plaque for her service as president; Paula Wilhite giving her presentation on Friday night; Sunil Koswatta receiving the Distinguished Service Award (presented by Paul McCombs (left) and nominated by Jim Trefzger (right)); and the group photo from the basement during the tornado warning on Friday night.

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. Our next meeting will be held via Zoom on Thursday, September 14th.

Elementary Education: A subcommittee is looking at the prerequisites to this course and consequences of DERA on this course sequence. Currently, SB2288, is a bill that could introduce an elementary and secondary education panel.

Articulation Guide:

- The 2023 Edition contains edits approved by IMACC membership on April 1st and ISMAA membership on March 31st. The current edition is posted on IMACC's website.

- The Committee is reviewing Differential Equations.

- A subcommittee continues to review the feedback and data from you, our membership, before proceeding with editorial recommendations for the developmental section of the Articulation Guide (following Post-Workforce Readiness, Dual Credit Quality, and Education and Workforce Equity or Developmental Education Reform Act).

Membership Concerns:

- Accurate assessment of student knowledge continues to be a concern for math courses being offered online without proctored testing. An updated statement was made by the IAI Math Majors Panel in their Course Approval Criteria regarding clarity on this topic.

- 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 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. The spring is upon us.

News From AMATYC

Hello IMACC members!
I don't know about you, but I feel like this year is flying by. We just started Final Exam week here at Jefferson CTC in Louisville and just like my students I'm looking forward to finishing things up and beginning summer break! Wherever you are in your semester or academic year, I hope all is going well and that you are able to take a well-deserved break at some point this summer. While I'm writing I would like to share some information (below) with you all about what's happening with AMATYC this year. If you are looking for more details please visit AMATYC.org, or my.AMATYC.org. There you will also be able to make connections within the AMATYC community to discuss relevant topics in education related to mathematics in the first two-years of college with colleagues across the country.

- **The 2023 annual conference in Omaha, NE, is rapidly approaching (November 9-12).** There is still time to be a presenter, find out more at amatyc.org/page/preside. Do you have a great suggestion for a keynote speaker for the national conference? If so, please submit a recommendation using the form found here.

- **Nominate a colleague for the Mathematics Leadership Excellence Award**. The Mathematics Leadership Excellence Award (MLE Award, formerly known as the Mathematics Excellence Award) is intended for educators who have made outstanding contributions through leadership in mathematics or mathematics education in the first two years of college. MLE Awardees are honored in even-numbered years. The 2022 Teaching Excellence Award was presented at the annual Conference in Toronto. The deadline for the 2024 Mathematics Leadership Excellence Award is November 1, 2023. For more details about the 2023 MLE Award please visit the Description and Criteria page and/or the FAQ page.

- **Check out an AMATYC Webinar.** Apologies that this might not make this to you in time but there is one upcoming webinar scheduled: *Enhancing Equity With Course-Based Undergraduate Research Experiences* with Frank Marfai on Thursday, May 4th at 1pm Pacific. Please let us know if you are interested in doing a webinar. Find out more information here!

- **Let AMATYC help you with your professional development travel by taking advantage of AMATYC Foundation Travel Grants!** Awardees receive up to $400 to be used toward lodging, registration, mileage, airfare, and other expenses related to travel to conferences such as AMATYC affiliate meetings, MAA section meetings, NOSS chapter conferences, and other math/teaching-related conferences. There will be 12 awards in total, with 4 being awarded on each of the following dates: May 1st, August 1st, and October 1st. Find more information and apply now here.

- **Are you in the first four years of your first full-time position at a community or technical college and looking for a professional development mentorship opportunity?** Then consider applying for the AMATYC Project ACCCESS Cohort 19! The deadline for applications is **May 15th,** a flyer with more information can be found at https://amatyc.org/page/ACCCESS, or by clicking the link here.

- **Elections for the AMATYC 2024-2025 Executive Board will be held this September.** To be eligible to vote, please make sure that your regular AMATYC membership (individual, retiree, or adjunct) is valid as of June 30th!

- It's coming BACK! **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 (individual, retiree, adjunct)
  - *How do I apply?* Be on the lookout for announcements when the application is posted. The deadline to apply will be **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.

If there is anything you need from me, please don't hesitate to email me at brandon.bartley@amatyc.org. Have a wonderful day, week, month, etc., and I hope to see many of you in Omaha later this year!
Sincerely,

Brandon Bartley
AMATYC Midwest Vice President

Full-Time Math Faculty Job Postings for Fall 2023

Elgin Community College: jobs.elgin.edu.
College of Lake County: https://jobs.clcillinois.edu/.
Oakton Community College:
https://oakton.interviewexchange.com/jobofferdetails.jsp;jsessionid=CD6420E6257DBE866EF222CA117D044F?JOBID=157303

McHenry County College:
https://mchenry.peopleadmin.com/postings/search?utf8=%E2%9C%93&query=mathematics+&query_v0_posted_at_date=month&366%5B%5D=4&516%5B%5D=1&517%5B%5D=any&commit=Search

Answers

Sudoku #1

2	3	5	1	4	7	9	8	6
4	1	8	9	6	5	7	2	3
6	9	7	2	8	3	1	4	5
9	8	6	5	7	4	2	3	1
5	7	3	8	1	2	4	6	9
1	4	2	6	3	9	8	5	7
7	5	9	3	2	8	6	1	4
8	6	4	7	5	1	3	9	2
3	2	1	4	9	6	5	7	8

Illinois Mathematics Association of Community Colleges

IMACC Leadership 2022-2023

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Treasurer
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