

The Math ConneXion

NEWSLETTER OF THE ILLINOIS MATHEMATICS ASSOCIATION OF COMMUNITY COLLEGES

Volume 58

Winter 2024

Number 2



Christopher Riola

President

Moraine Valley Community
College

RiolaC@morainevalley.edu

Kyra Rider

President-Elect

Kishwaukee College

Kyra.rider@gmail.com

Laurel Cutright

Past President

Olney Central College

cutrightl@iecc.edu

Amy Frankel

Secretary

Waubonsee Community College

amymathprof5@gmail.com

Amy Madden

Treasurer

Moraine Valley Community

College

Madden@morainevalley.edu

President's Message

Happy New Year!

I hope that you had a restful break and are ready to begin another great semester.

Our annual conference is coming up soon and will be April 4-6, 2024. I am looking forward to seeing everyone again at Allerton Park in Monticello. Registration will begin later in January. I will send out an announcement as soon as we open registration. Encourage as many colleagues as possible to attend. As details get finalized with the program I will be sending that out, as well.

One of our keynote speakers will be Elayn Martin-Gay, Pearson author and retired instructor from University of New Orleans. I have attended many of Elayn's sessions at AMATYC conferences and am looking forward to having her speak at the 2024 IMACC Conference.

Another keynote speaker I am looking forward to welcoming is Dr. Keith Nabb from Piedmont Valley Community College in Virginia. I have had the pleasure of knowing Keith for many years. His talk titled *The Active Learning Imperative: 10 Strategies in 50 Minutes* will provide strategies you can use in your classroom immediately after you return from the conference. Keith will also be doing a breakout session, *Engineering Applications in Origami*, as well.

We also are taking proposals for the conference as well. The speaker proposal form can be found on the IMACC website. Please consider sharing your knowledge with us. Proposals are due February 1.

Would you like to take a more active role in IMACC? Consider running for a position on the Board. We will be holding the election in February. The positions available are President-Elect, Treasurer, Secretary, and Board

Online Math ConneXion

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

Deadline for Submissions:

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

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.

Member. The Treasurer and Secretary positions are 1-year terms. The Board Member term 3 years, and the President cycle is 3 total years as well (one year each as President-Elect, President, and Past-President). Please contact President-Elect Kyra Rider if you would like more information. If you would like to join a committee, please reach out to one of our committee chairs as well.

I hope you have a great spring 2024 semester and look forward to our Allerton Conference.

Chris Riola
IMACC President
Moraine Valley Community College

Annual Conference Fee Waiver

IMACC will again be offering five registration fee waivers for the IMACC Conference in April 2024. These waivers are intended to support current IMACC membership who wish to attend both days of the conference, but whose institutions will not provide financial support. Applicants must submit a completed conference registration form along with a signed statement affirming that their colleges are not providing adequate financial support by February 15. The recipients will be randomly selected from the applicant pool.

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	2023
Carl Sandburg College	2024
College of DuPage	2023
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	2023
Lake Land College	2019
Lewis & Clark Community College	2023
Lincoln Land Community College	2021
McHenry Community College	2018
Moraine Valley Community College	2024
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	2024
Shawnee Community College	2023
South Suburban College	2023
Southwestern Illinois College	2024
Triton College	2020
Waubensee Community College	2024

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 (deadline March 1), or retiring members meeting the qualifications for the Life Membership Award. More information about these awards can be found below, or at www.imacc.org

The **Distinguished Service Award** is to honor one of our members for a career of outstanding service to IMACC. **Nomination deadline: March 1.**

The **James Armstrong Award** was established in 1978 to honor the late University of Illinois professor, James Armstrong, whose leadership fostered a spirit of cooperation between two-year college mathematics teachers and the mathematics faculties at four-year colleges and universities. The award is to be given annually to a four-year college or university professor who continues this tradition of cooperation and assistance with the two-year colleges. **Nomination deadline: March 1.**

The **Life Membership Award** is for IMACC members who are retiring. The recipient must have been a member of IMACC for at least 10 years (not necessarily in a row) and been a regular attendee at the IMACC conference or have other significant contributions to the organization. **Nomination deadline: March 1.**

The **IMACC Memorial Fund Scholarship** is awarded annually to a student attending an Illinois two-year or four-year college. The scholarship is awarded in memory of James Armstrong, a University of Illinois Professor until his death. Mr. Armstrong was instrumental in establishing the Allerton Conferences and in fostering better relations between two-year and senior colleges. **Nomination Deadline: March 1.**

The **IMACC Award for Teaching Excellence** is an annual award given to an outstanding mathematics teacher in a community college.

News from MAA

MAA Michigan's Centennial Meeting in April 2024
by Michael Pemberton

I hope that everyone's semester is going well. The [Michigan section of the Mathematical Association of America](#) (MAA) is very excited about the prospect of mathematics faculty from across the state and region sharing their expertise through outstanding presentations to provide professional development and networking opportunities for anyone with an interest in mathematics.

The [100th Annual Meeting](#) of the MAA Michigan section and MichMATYC will be held jointly at the two founding institutions: the University of Michigan-Ann Arbor (April 5) and Eastern Michigan University (April 6). The conference is open to both full-time and part-time mathematics faculty, and mathematics students from two-year and four-year colleges. It would be great to have a large representation from two-year college faculty and students, so please encourage your colleagues and students to consider submitting a proposal to present. The call for presenters will be posted on the MAA Michigan website in the near future.

Thank you so much, and if you ever need anything, please reach out to me by email at mpemberton@michmatyc.org. I look forward to seeing everyone in April 2024 at the Centennial annual meeting of Michigan MAA!

Upcoming Conferences

2024 IMACC	April 4-6	Monticello, IL
2024 MAA (MathFest)	April 5-6	See article above
2024 AMATYC	November 14-17	Atlanta, GA
2025 IMACC	April 3-5	Monticello, IL

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 (on January 24th) to join. An in-person meeting will be held on April 5th at Allerton.

Elementary Education: There is a new Early Childhood Education [IAI panel](#). A subcommittee discussed prerequisites and course sequence curriculum variability required for transfer. Impacts from DERA are also expected.

Articulation Guide:

- The website now houses the updated version of the [Joint Articulation Guide](#), which is now expected to be on an annual review.
- This year's update involves revisions to Differential Equations and the historical section of the Guide. Members can expect to view the revisions in an email and on IMACC's website. Many thanks to all that worked on those efforts. Please reach about to abailey@elgin.edu if you have any questions or concerns.
- This year's IAI updates include one on [General Education Math](#) and one in the [Calculus](#) sequence.
- As ongoing business, the Committee continues to review remedial math curricula and that of math for elementary teachers.

Membership Concerns:

- Some members would like to see the plans created by each community college that were submitted to the ICCB last May for DERA. A subcommittee is working on posting curricular sequences implemented to align with the Act on IMACC's website.
- Accurate assessment of student knowledge continues to be a concern for math courses being offered online mathematics without proctored testing. Members have mentioned use of generative artificial intelligence having an impact on curriculum, learning, assessment, and equitable practices concerning various teaching modalities. Here is a link to IAI's math major panel's [course approval criteria](#), which addresses this concern.
- Concerns about credentials for dual credit courses being taught in the high schools continues to burden some members with apprehension as it impacts the student knowledge of the expected curriculum upon completion.

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. Let's hop into the spring!

Puzzle from Krazydad

Intermediate Sudoku by KrazyDad, Volume 1, Book 2

Sudoku #1


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

© 2013 KrazyDad.com

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.



 free puzzles and mazes

Full-Time Math Faculty Job Postings

College of Lake County (Fall 2024): <https://jobs.clcillinois.edu/postings/25235>

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/>

Illinois Central College: <https://www.schooljobs.com/careers/illinoiscc/jobs/4340821/ft-tenure-track-faculty-mathematics>

Harper College is seeking a full-time tenure track faculty member in the math department. Applications will be reviewed beginning December 1, 2023. For more details, visit <https://jobs.harpercollege.edu/en-us/job/494828/mathematics-fulltime-tenure-track-faculty>.

Answers

Sudoku #1

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

IMACC Leadership 2022-2023

Officers

President

Christopher Riola
Moraine Valley CC
RiolaC@morainevalley.edu

President-Elect

Kyra Rider
Kishwaukee College
Kyra.rider@gmail.com

Past-President

Laurel Cutright
Olney Central College
cutrightl@iecc.edu

Secretary

Amy Frankel
Waubonsee Community College
Amymathprof5@gmail.com

Treasurer

Amy Madden
Moraine Valley CC
madden@morainevalley.edu

Board of Directors

2021-2024

Ellen Field
Waubonsee CC
Ellenfield05@gmail.com

Joe Dethrow
John A. Logan College
josephdethrow@jale.edu

Tony Paris
Carl Sandburg College
mparis@sandburg.edu

2022-2025

Diane Koenig
DianeKoenig@gmail.com

Matthew Lee
Oakton CC
MLee@oakton.edu

Chris Appuhn
Black Hawk College
appuhnc@bhc.edu

2023-2026

Matthew Childers
Heartland CC
Matthew.childers@heartland.edu

Peter Keep
Moraine Valley CC
KeepP@morainevalley.edu

Brian Mercer
Parkland College
bmercer@parkland.edu

Ellen Field

Math ConneXion Editor

Waubonsee Community College

Route 47 at Waubonsee Dr

Sugar Grove, IL 60554

