

InMATYC Spring Meeting
 April 12, 2024
 Ivy Tech Community College – South Bend
 Room 102

In-person attendees:

Matthew Kennedy
 A. Gwinn Royal
 Ren Simmons
 Ed Gallo
 Raymona Gallo

Virtual attendees:

Luanne Benson-Lender
 Paul Hessert
 Robert Chaney
 Alex Cibotarica
 Kerri Bentjen
 Kinga Oliver
 Mike Eusebio

Time (all ET)	Activity
9:00am – 9:30am	Welcome and Announcements (Matthew Kennedy) <ul style="list-style-type: none"> ● Light refreshments ● AMATYC Midwest VP update
9:30am – 10:30am	<p>Transformative Teaching: Integrating Robots for Active Math Learning in College Algebra, Trigonometry, and Calculus</p> <p>Kinga Oliver, Kerri Bentjen and Robert Chaney (Sinclair College)</p> <p>Experience the activities we've created using robots that engage students in active learning and help students visualize foundational concepts for College Algebra, Trigonometry and Calculus. We will demonstrate how to use these problem-solving activities, show student feedback, and share materials.</p>
10:30am – 10:35am	Break
10:35am – 11:35am	<p>Teaching and Learning with Rubik's Cubes</p> <p>A. Gwinn Royal (Ivy Tech CC - South Bend)</p> <p>In addition to reviewing the Beginner's Method moves to solve the cube, I'll discuss what a colleague and I discovered about teaching the cube over Zoom during the pandemic and I'll report on some very recent research about cube solving as it relates to acquiring real-world skills.</p>

11:35pm – 12:15pm	Lunch
12:15pm – 1:00pm	<p>Business Meeting</p> <p>Secretary Report (Luanne Benson-Lender) - Link to last meeting's minutes: https://docs.google.com/document/d/1WnklmlhvlkAP2E2HdgVoP681Yg31AMzEA5jgepta618/edit?usp=sharing</p> <p>Treasurer Report (A. Gwinn Royal)</p> <p>Scholarship Committee (Brian Bright)</p> <p>Website Committee (TBD)</p> <p>Nomination Committee (Ed Gallo) - Election of 3 new members for Board of Directors (Fall 2024-Spring 2027)</p> <p>Logo Discussion: "Promoting Excellence In Teaching the First Two Years of College Mathematics" (Ed Gallo)</p> <p>MAA MathFest 2024 (August 7th-10th, 2024) https://maa.org/meetings/maa-mathfest</p> <p>Celebrations/Announcements</p>
1:00pm - 1:15pm	<p>Closing Announcements and Door Prizes</p> <ul style="list-style-type: none"> ● Fall 2024 Conference: Sept 20th in Lawrenceburg, IN ● Upcoming elections: President and Vice-President ● Door Prizes for participants
1:15pm – 2:00pm	Board of Directors Meeting

Welcome and Announcements:

Convened at 9:00 AM.

- The 50th Annual AMATYC Conference will be in Atlanta, Georgia November 14-17 2024
- MAA MathFest will be in Indianapolis August 7-10 2024

Transformative Teaching: Integrating Robots for Active Math Learning in College Algebra, Trigonometry, and Calculus (Kinga Oliver, Kerri Bentjen, and Robert Chaney):

Kinga, Robert, and Kerri gave a talk and demonstration of using a robot for applied labs in college algebra, trigonometry, and calculus. This is part of an NSF grant proposal – if you would like to get involved with their project, please contact them:

kinga.oliver@sinclair.edu

(emails here)

Teaching and Learning with Rubik's Cubes (A. Gwinn Royal):

Gwinn gave a talk about experiences teaching the Rubik's cube, especially to inexperienced cubers. Gwinn addressed challenges with teaching online, colorblindness, and student intimidation, and ways to work around these. Gwinn also led attendees in a demonstration of how to get the "white cross" as a starting point toward solving the cube.

Business Meeting:

Secretary (Luanne): Fall 2023 minutes were submitted and approved unanimously, with one addition of name (Alex C.) to the virtual attendance. Luanne will work with the Treasurer to keep an up-to-date list of current/paid members.

Treasurer (A. Gwinn): We have moved our bank accounts to Old National Bank for better intrastate access, no matter who is the Treasurer in the future. Currently Gwinn and Matthew both have access to these accounts. Matthew has access to the CheddarUp online payment account and is working on getting Gwinn access. Checking Balance: \$201.00, Savings Balance: \$1,109.74. The report was approved unanimously.

Scholarship (Matthew): Brian Bright was unable to attend due to work obligations. Due to a lack of applications, we will not be awarding a scholarship this year. In the future we need more advertising and outreach for our scholarship application. The next scholarship we plan to award will be Spring 2025. There was a discussion about eligibility for the scholarship, and why it was originally limited to Ivy Tech and Vincennes students.

Website: We need a more user-friendly process for updating the website, possibly a redesign. Google Sites is a possibility? In the meantime, Luanne will create a form on the website to submit changes and updates. Luanne will serve as Website Committee Chair for the future. Membership dues form has Hank's name on it – this should be changed.

[At this point Luanne had to leave – remaining minutes taken by Ed Gallo]

Elections: There were three nominations for the Board of Directors: A. Gwinn Royal, Matthew Kennedy, Luanne Benson-Lender. The three nominees were elected unanimously.

Other Business: Ed led a discussion about how to use our Logo and a slogan to help market InMATYC. The discussion revolved around a proposal to use the InMATYC Logo and the slogan “Promoting Excellence in Teaching the First Two Years of College Mathematics” in InMATYC’s emails to our members, math departments, and other organizations. The Logo would come right after the Subject line, then the Slogan, then the body of the email. The proposal passed by a unanimous vote.

A. Gwinn Royal discussed the upcoming MAA MathFest, August 7-10, at the JW Marriott in Indianapolis. The members present agreed on looking into having an InMATYC booth at MathFest.

Announcements: Matt became the Ivy Tech Statewide coordinator for the online calculus courses.

Congratulations to Ren Simmons on his retirement from the Mathematics Department, Vincennes University, after 40 and one-half years of service.

Board Meeting: The board meeting was deferred due to the lateness of the afternoon, and no urgent board matters. Matt suggested that the Board might meet via Zoom every month or so.

The meeting adjourned at approximately 3:00 PM.