

Candidates for President-Elect

Daniel P. Fahringer

Present Position

Professor of Mathematics & Computer Science,
Harrisburg Area CC, Harrisburg, PA

Education

- Masters in Education, Mathematics, Millersville U
- B.S., Secondary Education, Mathematics, Shippensburg U
- B.S., Computer Science, Shippensburg U



Experience

- HACC faculty member since 1999 teaching traditional and online classes in Mathematics & Computer Science
- High School Mathematics & Computer Science teacher for 13 years

Memberships in Professional Organizations

- AMATYC, MAA, NCTM, PCTM, PSMATYC, DelMATYC, MATYC NJ, MMATYC, VMATYC

AMATYC Activities

- Mid-Atlantic Region Vice President, 2014–present
- Senior Vice President, 2018–19
- Board Committees — Membership, Professional Development, Finance, Strategic Planning
- Liaison for Project ACCESS, Student Math League, Math Intensive Committee, Teacher Prep
- Member/Chair of multiple ad-hoc committees and task forces
- AMATYC *The Right Stuff* Participant & Refinement Team Member
- *The Right Stuff* Traveling Workshop Presenter
- Member of Delegate Assembly
- AMATYC presenter & president

Other Activities

- TPSE — Math Advisory Group Member, 2016–present
- PSMATYC President, 2010–14
- PSMATYC Conference Co-Chair, 2010–14
- Presenter PSMATYC and PCTM
- MAA CRAFTY Project Participant
- MAA College Algebra Research Project
- MAA Active Learning Participant
- MAA Joint Mathematics Meeting, Panel Discussion Member
- Executive Board Member PCTM, 2010–14
- Assistant Men's Basketball Coach, Franklin & Marshall College, 1990–2013

Awards

- HACC Martha Stauffer Mathematics Teaching Award
- Franklin & Marshall College Athletic Hall of Fame

Publications

- *Partner Discipline Recommendations for Introductory College Mathematics and the Implications for College Algebra*, "CRAFTY Project at Harrisburg Area Community College – Refocusing of College Algebra"

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Laura Watkins

Present Position

Residential Faculty, Glendale CC, Glendale, AZ

Education

- Ph.D., Mathematical Sciences, USU
- M.S., Mathematics, USU
- M.S., Instructional Technology and Learning Sciences, USU



Experience

- Residential Math Faculty, Glendale CC, 2002–present
- Adjunct Instructor, USU, 2001–02; 2007–08
- Graduate Teaching Assistant, USU, 1995–2001

Professional Memberships

- AMATYC, ArizMATYC, NOSS (NADE), AADE, MAA, NCTM

AMATYC Activities

- Grants Liaison, 2016–present
- Project ACCESS: Coordinator, 2011–16, Networking Assistant, 2008–10, Cohort 1 Fellow, 2004–05
- Frequent presenter at AMATYC Conferences
- Member of Developmental Mathematics, RMETYC, and Teacher Preparation committees, International Mathematics A-Net
- Member of Delegate Assembly, 2014–16

Other Professional Activities

- Principal Investigator, NSF-funded Project *Algebra Instruction at Community Colleges* (DUE-HER Grant #1561436), 2016–present
- MAA Committees: Professional Development, Two-Year Colleges, Early Career Mathematicians, 2010–present
- Charles A. Dana Center International Facilitation Fellow and Mathematics Module Developer, 2016–present
- Presenter at International conferences: ICME-13, PME 42, PME 43, CERME-11, 2016, 2018, 2019
- Professional Development Developer/Facilitator for local K-8 schools and Maricopa Community College District, 2014–19
- Co-Principal Investigator, NSF-funded project *Arizona Mathematics Partnership – AMP* (MSP Grant #1103080), 2013–17
- Presenter, TPSE Math, Chairs +1 Conference, 2017
- Presenter at local affiliate conferences
- ArizMATYC: President-Elect, President, Past President, 2011–16

Awards

- AMATYC Teaching Excellence Award, 2015
- Graduate Student Teacher Award, USU, 1997, 2000, 2002

Publications

- Contributing Writer, MAA Instructional Practices Guide, 2016–2018
- Lead Author, *Using Student and Instructor Characteristics to Predict Student Success in Algebra Courses*, 2019
- Co-Author, *Exploring Relationships Between Number of Hours of Professional Development, Mathematics Knowledge for Teaching, and Instructor's Ability to Make Sense of Procedures*, 2019

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Candidates for President-Elect

Daniel P. Fahringer

Statement of Goals

How did I get involved in AMATYC?

Early in my career, I became a member of PSMATYC. The direction of the organization wasn't going very well and I decided to get involved. I took over as President and served in that position for four years. Through the work of the board we turned the organization around. At the end of my term, Rob Farinelli contacted me and asked me to submit my name as a candidate for Mid-Atlantic VP. He suggested that if I wanted to get involved in AMATYC, I should start by getting my name out. I won the election and owe my start in this great organization to Rob and all of my supporters. Thank you.

Why do I think I'm qualified?

My six years of service on the AMATYC Executive Board has afforded me the opportunity to chair/serve on numerous committees, task forces and ad-hoc committees. This work and the Executive Board meetings have allowed me valuable insight into the internal workings of the organization and provided me opportunities to be on the forefront of change. Being an officer has also allowed me opportunities to become more involved in other organizations, especially MAA. My biggest vote of confidence came when I was in my second year of my first term, when two of my friends (Cheryl Cleaves and the late Margie Hobbs) stopped me in the hallway of the AMATYC conference. Once I was cornered, I was in trouble. They told me that I didn't have a choice, that when I was done as Vice President that I would run for President-Elect. Looking back now, I am thankful for their vote of confidence.

What are my goals if elected?

The vision of AMATYC is "To be the leading voice and resource for excellence in mathematics education in the first two years of college." When I first started on the board, all conversations were centered around 'two-year college'. As an Affiliate President, I realized we needed to have a bigger audience in our membership than this. So, my first year on the board, I worked on redirecting AMATYC (not changing our name) to a focus on the mathematics in the first two years of college, thus broadening our reach and applicability. I think we still have a lot of work to do to reach others in our field, but we have made a great start and I want to continue this change. My other big goal is to continue to work with our sister organizations and have our common committees and groups share ideas and experiences.

What do I see as the future of education of mathematics in the first two-years of college?

Pathways, Co-requisites and Active Learning have become the buzz words of our time. As a member of the TPSE (Transforming Post-Secondary Education) Math Advisory Group, I see firsthand the impact of how states around the country are successfully implementing these concepts. Our teaching techniques and strategies need to keep pace with these changes for us to remain current in our profession. AMATYC Committees and ANets, the Conference Committee, Professional Development Committee and our many dedicated volunteers are continuously working to meet these needs for our members.

Conclusion:

I have become a better teacher because of my involvement in AMATYC. By serving as AMATYC President-Elect, President and Past President, I look forward to the opportunity to continue making a positive impact in the organization. I encourage you to take an active role in the organization by taking the time to vote for the officers who will lead the way for the continued success of the organization. Please consider voting for me for President-Elect of AMATYC.

Laura Watkins

Statement of Goals

AMATYC is the premier organization for mathematics education in the first two years of college. At this time many two-year colleges across the nation are undergoing a transformation process which is having a variety effects on our courses. As a result, AMATYC needs a strong leader to fill the role of President-Elect, a person who will work towards fulfilling AMATYC's vision of being "the leading voice and resource for excellence in mathematics education in the first two years of college." I would like to be this person; to promote the work of AMATYC and its membership by standing for excellence in mathematics education.

In the Fall of 2002, I was a newly hired math faculty member at Glendale CC, Glendale, Arizona. As a former community college student, I was thrilled with this opportunity. The role of community colleges in permitting students like myself to reimagine their future as well as provide a pathway to that future was and is near and dear to my heart. I had not heard of AMATYC until my friend and colleague, Anne Dudley, invited me to attend the 28th Annual AMATYC Conference in Phoenix—it was "Perfect" timing. My experiences at the conference had me hooked—I have attended every annual conference since.

As I continued my activity in AMATYC, I was fortunate to serve as the Project ACCESS Coordinator for six years leading a small team of former Fellows in continuing the work of the initiative as well as interacting with faculty new to the profession. I believe this experience helped me gain a rich understanding of the faculty entering the profession today; faculty who are the future of two-year college education; faculty we need as part of the AMATYC family.

My goal, should I be elected, is to focus my efforts on supporting the vision and mission of AMATYC. Key to accomplishing this goal are:

- Continuing to develop and to provide valuable resources; our membership comes from diverse backgrounds—resources that meet their needs are key to recruiting and retaining members,
- Innovating for the future by examining curricular, pedagogical, technological, and even assessment standards, with an eye towards attracting and retaining more students in programs at two-year colleges, particularly students from underrepresented groups, and
- Collaborating with national stakeholders, including the AMATYC affiliates, other professional mathematics organizations, higher educational research centers and policy makers in order to advocate for AMATYC and the work performed by the two-year college mathematics community.

The landscape of education in the first two years of college is shifting and I am not sure what the future holds for us as mathematics educators. But I would ask that each of us take an active role in shaping the future of AMATYC by taking the time to vote for the candidates who will lead us into that future. Please consider voting for me for President-Elect of AMATYC.