



## MESSAGE FROM THE PRESIDENT, AARON ALTOSE

Dear OhioMATYC Member,

I hope you have had a great finish to the semester and are on your way to a restful and rejuvenating holiday break! It was great to see you at the Spring Meeting at Punderson back in April. We had a great weekend with a wide variety of presentations. Thank you to the more than 60 attendees and over a dozen presenters who made it a fulfilling time, and thank you to the Executive Board for your planning and support.

### 2016 Spring Meeting

In just a few months, we will have our 2016 Spring Meeting at Hueston Woods State Park in southwest Ohio. You can put it on your calendar now: April 1 and 2. We are currently accepting speaker proposals, details are at [www.ohiomatyc.org](http://www.ohiomatyc.org).

I would like to personally encourage first-time presenters and newer faculty members to submit a proposal. The first solo presentation I ever delivered was at the OhioMATYC Spring Meeting in 2010, and although I was terribly nervous, the experience showed me how supportive and encouraging our members are!

### Request for Newsletter Contributions

The deadline has been extended to **January 6, 2016!**

Please email your news, articles, announcements or other ideas to [Kristine.Glasener@tri-c.edu](mailto:Kristine.Glasener@tri-c.edu).

### A New Look

Lastly, did you notice a new OhioMATYC logo at the top of the newsletter? We have an updated website and logo! Thanks to outgoing Webmaster T.J. Duda and new Webmaster Mike McCraith for the transition to the new look, with the same location: [www.OhioMATYC.org](http://www.OhioMATYC.org). Check it out!

I wish you and yours a tremendous holiday break, a happy new year, and a strong and productive start to 2016.

Aaron J. Altose, OhioMATYC President

## STUDENT SCHOLARSHIPS

We are seeking your nominations for student scholarships. OhioMATYC will award up to four Student Scholarships and up to two Rudy Sattler Memorial Scholarships. Please see nomination requirements and submission materials at [www.ohiomatyc.org](http://www.ohiomatyc.org), and the deadline for nominations is **February 1, 2016**.

## TEACHING EXCELLENCE AWARD NOMINATIONS

The OhioMATYC Teaching Excellence Award is given at the spring meeting in even-numbered years to outstanding two-year college mathematics instructors. The recipient of this award will be OhioMATYC's nominee for the subsequent AMATYC Teaching Excellence Award providing they meet AMATYC's eligibility requirements. Please consider nominating a colleague for this honor.

More details and the nomination form can be found at [www.ohiomatyc.org](http://www.ohiomatyc.org), and your nominations should be mailed to OhioMATYC Awards Coordinator Michelle White, Terra State Community College, 2830 Napoleon Rd. Fremont, OH 43420-9670, by **March 1, 2016**.

## PROBLEM CORNER

1. The two lines with equations  $ax + 8y = 10$  and  $ax - 2y = 5$  ( $a \geq 0$ ) are perpendicular. Find  $a$ .
2. Let  $f(x) = x^2$ . For positive numbers  $a$  and  $b$ , let  $P(a,b)$  be the  $y$ -intercept of the line through  $(a, f(a))$  and  $(-b, f(-b))$ . Find  $P(4,6) + P(3,5)$ .

These questions were taken from the Faculty Math League contest at the AMATYC National Conference in New Orleans.