

**Oklahoma-Arkansas Section of the MAA  
Minutes for the 2013 Business Meeting  
Student Union, Small Theater  
Oklahoma State University**

The annual business meeting was called to order by chair **Fred Worth**, Henderson State University, at 8:00 a.m., Saturday, April 6, 2013. There were approximately 35 members present.

The minutes of the 2012 business meeting were presented by **V. Lee Turner**, Southern Nazarene University, and were approved. **Kristin Karber**, University of Central Oklahoma, gave the treasurer's report for 2012. She supplied copies of the yearly report showing the following:

	<u>Checking/Shares</u>	<u>Court CD</u>
Beginning balances, 1-1-2012	\$15,643.73	\$14,497.54
Revenues during the year	\$ 6,305.39	\$ 152.18
Expenses during the year	\$ 3,232.62	\$ 2,500.00
Ending balances, 12-31-2012	\$18,716.50	\$12,149.72

**Kristin Karber** supplied an account of all receipts and expenditures from 1-1-2012 through 12-31-2012. As of December 31, 2012, the balance in the share-checking account was \$6,481.19, the balance in regular shares (savings) was \$3,772.90, and the balance in the share CD was \$8,462.41, giving a total of \$18,716.50. This includes \$15,470.85 in the operating account, \$1,947.83 in Court funds (this is separate from the Court CD), and \$1,297.82 in the faculty workshop account. The treasurer's report was approved.

**Fred Worth** gave the audit report for Frank Blume, John Brown University. He completed the audit of the treasurer's records for 2012 and found them to be in order.

**Jill Guerra**, University of Arkansas, Fort Smith, gave the Governor's report. She announced that Linda Braddy, OK-AR Section member, has been named the Deputy Director of the MAA. Jill also talked about the new membership structure, the "book sale in a box" program, and the new MAA web site. She introduced **Gerard Venema**, Calvin College, the MAA national meeting program director.

**Carolyn Eoff**, Henderson State University, gave the Department Chairs/Liaisons report. There were two recommendations from the Chairs meeting: that a new lecture series be started, named the R. B. Deal Lecture, to be given by a section member; that the first place award for Undergraduate Student Paper Presentation be called the R. B. Deal Prize. A motion was made, seconded, and passed to approve these recommendations.

**Scott McClendon**, University of Central Oklahoma, gave the report on student competitions. The Undergraduate Team Competition was fantastic this year with 26 teams registered to compete. These teams were comprised of over 80 undergraduate

students. Of these 26 teams, the team from Oklahoma State University won the competition this year, with Harding University coming in second, the University of Tulsa coming in third, and Southern Nazarene University in fourth. The students on the winning team were Travis Grigsby, Jubal Kurudamannil and Saxon Sampley. Each of the first place winners received an award of \$100 and a \$20 Walmart gift card. Each of the second place winners received a \$15 Subway gift card, and each of the third place winners received a \$10 Chick fil A gift card. All of the gift cards were donated by Pearson Education, and the \$100 awards were donated anonymously.

The Integration Bee was also a success! This year, 37 students participated in the Integration Bee. The winner of the Integration Bee this year was Nitesh Verma from Cameron University. Alex Dorio from the University of Central Oklahoma was second, and Jubal Kurudamannil from Oklahoma State University came in third. The first place winner was awarded \$100, also donated anonymously.

The Competition Committee would like to thank William Jaco, Lisa Mantini and Lee Turner, first and foremost, because none of this would have been possible if it weren't for their support and for their efforts. Thanks are also owed to Pearson Education for their donations. Also, great thanks are owed to Ashley Taylor, who coordinated many of the activities allowing the competition to commence as well as it did. We would also like to thank John Diamantopoulos, Jeff Mermin, Shelly Downing, Fred Worth, Larry Lucas, J.C. Price, Thomas McNamara, Nicholas Zoller, Joan E. Bell, Jesse Byrne, Mike Fulkerson, Corey Hadley, Eric Towers, Nathan Pezant, Barbara Trigalet, Andrew Norman, Nicki Gaswick, Scott Larson, Nicholas Laurenti, Heather Ranney, and Kitty DeBock, all of whom were instrumental in running the competitions this year.

This year we held the Integration Bee on Saturday morning, beginning at 9:15 a.m., moving it from Thursday evening after the Team Competition. This change in venue time was largely due to the fact that the Integration Bee would typically end close to midnight, a bit late for all involved. In 2014 we plan to hold the integration bee on Saturday morning again, and the Competition Committee will look into ways to increase undergraduate student participation in the interim year.

**Jill Guerra** reported that 21 undergraduate student papers were presented. First place winner was Jeremy Acre, Southern Nazarene University, second place was Stephen B. Gregg & Juan Orozco, University of Central Oklahoma, and third place was Samantha Driskill, Southwestern Oklahoma State University.

**Darryl Linde**, Northeastern State University, gave the site selection report. Invitations have been accepted from Harding University for 2014 and University of Tulsa for 2015. Invitations for 2016 have been received from Arkansas Tech University and the University of Central Arkansas. The Arkansas Tech University was nominated by the committee for 2016. The meeting dates are April 4–5, 2014, March 27–28, 2015, and April 1–2, 2016. The proposed sites and dates were approved.

**Michael Lloyd**, Henderson State University, the section newsletter editor, reported income of \$300 and expenses of \$157.86. We are grateful to Hawkes Learning Systems, the University of Tulsa, and Oklahoma State University who each placed a full-page advertisement.

Ten department representatives submitted campus news reports, the highest in 6 years.

The number of members mailed postcards was 179, close to the minimum of 164 in 2010. This low count may be due to the national MAA not having a current database of the members if they did not pay their dues before December 31, 2012. Several members confessed to me of delaying paying for membership because it was expensive. Two email reminders and one postal reminder were sent to the members. The first reminder was sent the day after the preliminary announcement was prepared, but it often took a week for the national office to prepare the mass emailing.

Ninety newsletter booklets were made costing about a dollar apiece. This is 3 times as many as last year which is possible because of the extra advertising and material better suited to the website was omitted from the newsletter.

We are about \$140 in the black.

I appreciate the help provided by Annie Baer, John Diamantopoulos, Kristi Karber, Madeline Palmer, Lee Turner, Fred Worth, the department chairs, and others who contributed to the newsletter.

**Michael Dougherty**, Southwestern Oklahoma State University, presented the following nominations for the nominating committee:

Past-Chair	<b>Fred Worth</b> , Henderson State University
Chair	<b>Dale Alspach</b> , Oklahoma State University
1 <sup>st</sup> Vice-Chair	<b>Ron Smith</b> , Harding University
2 <sup>nd</sup> Vice-Chair	<b>Amy Schachle</b> , University of Tulsa
Treasurer	<b>Kristen Karber</b> , University of Central Oklahoma
Secretary	<b>Lee Turner</b> , Southern Nazarene University
Newsletter Editor	<b>Michael Lloyd</b> , Henderson State University

**Janet Woodland**, University of Arkansas – Fayetteville, gave the following report from the Court Lecture Committee: The Committee nominates Nicholas Zoller of Southern Nazarene University to the Court Lecture Committee. Duff Campbell and Michael McClendon are the continuing members. Nick Zoller was elected as a member of the Court Lecture Committee.

In New Business, **Fred Worth** presented the changes to the By Laws that have been approved by the Executive Committee and published. There was a motion to amend Article IV, Section 5 to read “quorum shall consist of 20 members”. The amendment was approved. The amended changes to the By Laws were then approved.

There was a discussion of how, or if, to remember other long-term members of the section, in light of the decision to honor R. B. Deal. No motion was made.

The following resolutions were presented, which were approved.

*Be it resolved* that the Oklahoma-Arkansas Section of the MAA expresses thanks to the faculty, staff, and administration of Oklahoma State University for their courteous hospitality in hosting the section's 75<sup>th</sup> annual meeting. Special thanks are extended to "Bus" Jaco and Lisa Mantini for their careful planning and management.

*Be it resolved* that the section gratefully recognizes Jill Guerra, the Governor, Fred Worth, the Chair, Lee Turner, the Secretary and Kristin Karber, the Treasurer, for carrying out their duties during the academic year 2012-2013.

*Be it resolved* that the section expresses appreciation to Ameya Pitale for his excellent presentation in the Student Workshop on "All You Wanted to Know About Prime Numbers", and to Chris Rasmussen for his presentation in the Faculty Workshop, "An Inquiry-Based Approach to Differential Equations". The section also is grateful to the student and faculty workshop committees for organizing these events, especially to the committee chairs.

*Be it resolved* that the section conveys sincere gratitude to our invited speaker, Gerard Venema for his presentation on "Wild Things are Fractals" and to our N. A. Court Lecturer, Chris Arney for his presentation on "Mathematical Modeling: Learning Mathematics by Doing Mathematics."

*Be it resolved* that the section expresses appreciation to the N. A. Court Lecture committee for their work in selecting our speaker.

*Be it resolved* that the section conveys sincere appreciation to Jeffrey C. Lagarias for his presentation of the Polya Lecture, "Packing Space with Regular Tetrahedra."

*Be it resolved* that the section thankfully acknowledges, Michael Lloyd, Henderson State University, for his services as newsletter editor.

*Be it resolved* that the section commends Andrew Wells, Oklahoma Chair, and Steve Butcher, Arkansas Chair, and the teacher awards committees for the selection of outstanding mathematics teachers for the section to honor.

*Be it resolved* that the section congratulates the following award winners

Oklahoma teachers of the year:

Emily Carpenter – Bethel Elementary  
Kimbrey Hardy – Highland West Junior High  
Mattie O'Donnell – Choctaw High School

Arkansas teacher of the year:

Dana Owens – Centerpoint Middle School

Oklahoma-Arkansas Award for Distinguished Teaching of Mathematics:

Bennie Evans – Oklahoma State University

High scorer in the Section on the Putnam Exam: Stephen Macke – University of Tulsa.

Winner of the Team Competition:

1<sup>st</sup> Place – Oklahoma State University

2<sup>nd</sup> Place – Harding University

3<sup>rd</sup> Place – University of Tulsa

Winner of the Integration Bee:

1<sup>st</sup> Place – Nitesh Verma, Cameron University

2<sup>nd</sup> Place – Alex Dorio, University of Central Oklahoma

3<sup>rd</sup> Place – Jubal Kurudamannil, Oklahoma State University

*Be it resolved* that the section congratulates the student winners in the student paper presentations.

1<sup>st</sup> – Jeremy Acre – Southern Nazarene University

2<sup>nd</sup> – Stephen Gregg and Juan Orozco – University of Central Oklahoma

3<sup>rd</sup> – Samantha Driskill – Southwestern Oklahoma State University

*Be it resolved* that the section conveys appreciation to Jill Guerra and Michael Scott McClendon for organizing the student presentation and to all judges, institutions, and students who participated. The section also is grateful to the Student Activities Committee for planning and running the team competition and the integration bee and to all who participated in these events.

*Be it resolved* that the section commends Jill Guerra for her continued efforts in managing the Section NexT activities.

*Be it resolved* that the section expresses gratitude to John Diamantopoulos for maintaining the electronic proceedings of the section meeting and the section website.

*Be it resolved* that the section sincerely acknowledges the contributions of all who served the section on a committee, participated in planning the meeting, or presented a contributed paper.