

Math SPIN News

Newsletter of the NADE Math SPIN Group

<http://www.nademathspin.org>

November 2004



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From the Co-chair by Diane Martling

Welcome to the Math SPIN, one of the most active groups in NADE. As we prepare this Fall 2004 Newsletter, I trust you all had good summers and have had good semesters or quarters thus far. In addition to the changing of the leaves and the seasons, many new things are in the air. We proposed and had accepted 3 different sessions for NADE 2005 Albuquerque conference. We have answered the call for reviewing AMATYC's *Crossroads Revisited*. I am anxious to hear how all of you are doing this year as we become more active than ever before.

For our SPIN to be even more successful, we will need more input and collaboration from many people, some of whom will no doubt become future leaders of this organization. Please consider helping out and collaborating with your colleagues. We need articles for newsletters. We need continued interaction with the listserv. In this issue, you will find several opportunities for involvement in this organization.

Math SPIN Sponsored Sessions for NADE 2005, ALBUQUERQUE, NM

It is not all that long until we will all meet again at NADE 2005 in beautiful sunny Albuquerque, New Mexico. Thank you all for participating in the SPIN meeting of our St. Louis Meeting in 2004. From the long list of ideas discussed at the Math SPIN lunchtime meetings, it was difficult to whittle down what ideas to propose as sessions for our 2005 conference. We proposed

and had accepted 3 sessions for the NADE 2005 conference. Below are the 3 proposals and what has been set to date. I will be working on putting together panels or presentations for any interested parties for these colloquiums. My idea was to have them as panels ala Tom Armington's 2002 panels or are mini-presentations ala Daryl Stephens' 2004 session. We do need volunteers in addition to the two who had sent me feedback prior to the proposals needing to be sent. Thank you Jacqueline Bakal and Cynthia Geoffrey. I welcome anyone who would like to help out—I think that 4-5 people per panel is manageable, but am open to suggestions. We could have then have follow-up in a discussion format, much as what happened in Daryl's talk last year. I did state that we would be willing to do the sessions more than once should speakers cancel. Your input is essential and your presence at the talks would also be welcome. I know Linda Clark had e-mailed me in the past month to help out as well. Anyone else? It is not all that long until we will all meet again at NADE 2005 in beautiful sunny Albuquerque. Contact me at dmartlin@harpercollege.edu.

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Here are the proposals as accepted:

Session 1:

Title of Presentation: How Are We Going To Assess Them?

Colloquium Leaders:

Daryl Stephens, East Tennessee State University, Johnson City, TN

Asst. Professor of Mathematics

Diane Martling, William Rainey Harper College, Palatine, IL

Coordinator of Math Lab; Mathematics;

Abstract:

The NADE MATH SPIN will host an Open Discussion of Assessment in the Developmental Mathematics Classroom. Developmental Math Educators will share and discuss methods of Assessment, including methods that worked and some that did not to keep others from making the same errors.

Session 2:

Title of Presentation: Creative Borrowing and Sharing: Classroom Best Practices

Colloquium Leaders:

Jacqueline Bakal, Felician College, Lodi, NJ

Cynthia Geoffrey, Raritan Valley Community College, Morriston, N.J.

Diane Martling, William Rainey Harper College, Palatine, IL, Coordinator of

Math Lab; Mathematics

Abstract: This session is a opportunity to explore ideas and activities things that worked in the classroom. Come to borrow and learn ways to excite students in your mathematics classroom. NADE MATH SPIN sponsored session.

Session 3:

Title of Presentation: Stone Age or Technology: Why Just One?

Colloquium Leaders:

Daryl Stephens, East Tennessee State University, Johnson City, TN

Diane Martling, William Rainey Harper College, Palatine, IL

Abstract: This session is a opportunity to exchange ideas related to using various technologies in the classroom, technology-inclusive curriculum, and the pros and cons of such usage. NADE MATH SPIN sponsored session

Professional Meetings coming up:

- ICTCM: October 28-31 New Orleans, LA
- AMATYC: Nov 17-21, 2004 Orlando, FL
- MAA/AMS Joint Meetings: January 5-8, 2005, Atlanta, GA
- NADE: March 9-12, 2005, Albuquerque, NM
- T³ International Conference: March 18-20, 2005, Washington, DC
- NCTM April 6-9, 2005, Anaheim, CA
- ICTM17: International Technology Conference July 26-29, 2005, Bristol, England, United Kingdom

AMATYC: Crossroads Revisited

by Diane Martling

Pat Newell and Paul Hrabovsky recently requested the formation of an Association Review Group (ARG) to assist in the review of the AMATYC Standards 2006 (Beyond Crossroads) in collaboration with Carol Atnip at the national level. As Daryl posted the call for volunteers, many of you answered the call, including:

Katherine Safford-Ramus, Ed.D.
Saint Peter's College

Nancy McCormick
Middle Tennessee State University

Marva Lucas
Middle Tennessee State University

Donna Saye
Georgia Southern University

Annette D. Hawkins, Ed. D.
Wayne Community College

Shawna Mahan
Pikes Peak Community College

Victoria McClendon
Northwest Arkansas Community College

Isolda Levina
Cuyahoga Community College

Sandra Walker
Alabama State University

Amy Getz
Fort Lewis College

Both Daryl and I wish to thank you and wish you well in the review. Being from a 2-year college myself, we are also actively reviewing this document at the state level. Daryl and I have discussed making any part of the newsletter or even an entire newsletter devoted to this issue or we can discuss it on the list-serve. Which idea do you think would be best for our cause? Please let either Daryl or me know: stephen@mail.etsu.edu or dmartin@harpercollege.edu.

Along the same venue, I will also have information at the 2005 meeting about the **Standards for Developmental Math** that are currently being formed by the Illinois versions of both the MAA and AMATYC. That might be an interesting topic for discussion at the SPIN meeting or a dinnertime conversation.

Please make sure that the NADE office (office@nade.net) has your correct e-mail address. E-mail is the only way we can afford to send newsletters. When we sent out an e-mail to all members asking for contributions to the newsletter, at least 25 bounced back.

Opportunities for Professional Service: A Repeat Call for Help

by Daryl Stephens

During the SPIN meeting we not only brainstormed ideas for presentations, but also came up with other activities to consider. Your co-chairs can't do all these things by ourselves. That, however, is not a problem—it's an opportunity for collaborative effort that will benefit the profession (and look really good on your annual faculty activities report!).

Proceedings, Anyone?

In the past, a committee from NADE published an annual booklet called "selected conference proceedings" in which presentations were turned into articles of one to five pages. This was dropped after 2002 due to the high cost of paper publications. At the leadership workshop the day before the conference opened, some people expressed the desire to resume this publication at some point in the future. There was also a call for this during our SPIN meeting. I would propose that the Math SPIN publish its own proceedings of the math sessions of the 2003 and 2004 conferences. We can't afford to print one, but we could easily post one online on our Math SPIN website. To make this a reality, we need a committee of approximately two to six persons who would be willing to be referees and editors of such a publication. If we call this a refereed publication, we add prestige to the authors, editors, and the organization.

Some possible duties would include contacting people who made presentations at the 2003 and 2004 conferences to solicit manuscripts, editing manuscripts, reviewing submissions, writing an introduction, and assembling the manuscripts into a finished product. If the full NADE conference proceedings don't resume, this could turn into an annual project (but no one would be obligated to do it more than once unless they wanted to!).

Technology Review Column

Another suggestion that popped up at the conference was adding a column to the newsletter or the web site (or both) that would review new software or technologies related to teaching developmental mathematics. Would anyone like to take this on either on an ongoing basis or send in a single review? There was also a desire for someone to compile a list of available technological resources, perhaps similar to the list of links on our web site.

Summer Program Review by Diane Martling

Summer 2004: Developmental Mathematics Workshop at Duck, North Carolina:

This past June, I had the opportunity to attend the AMATYC/T3 workshop run by one of our esteemed Math SPIN members, Dr. Ed Laughbaum. What a great way to introduce mathematics to non-motivated students. We explored many ways to include technology and a functional approach to mathematics into the curriculum. I have used several of the activities – yes, you receive a huge binder full of materials and activities for classroom use – and found that students become more involved with these real applications. To quote one of my LD Algebra 1 students: “This sure beats that pretend stuff you find in some books.”

We had the opportunity to use the great facilities at the Field Research Center at Duck, complete with a ½ mile long pier from which to do experiments and observations. Several of us came early to see if a school of stingrays or a pod of dolphins were there to greet us. Texas Instruments also had representatives there to answer our many questions. The range of students: high school through university teachers made for some interesting discussions. Marlene and ***** were also great leaders. We also had the season without hurricanes, rare for this past summer.

What is on your Math SPIN web site? (<http://www.etsu.edu/devstudy/spin/>)

Now you can reach the first page of the web site by going to <http://www.nademathspin.org> instead!

- Online version of most newsletters dating back to 1990
- Links to resources for developmental math
- Activity and annual reports and budgets sent to the NADE leadership
- Information about the Yahoo e-mail group
- Upcoming events (conferences, etc.)
- Both volumes of *Best Practices in Developmental Mathematics* in downloadable, printable PDF form
- Publications submitted by members

Check it out today!

Daryl recently received the Math SPIN archives, which included most of the newsletters dating back to 1990. He has now scanned all the old newsletters he has and turned them into searchable PDF files. (Two newsletters had weird formatting problems and will be redone in January.) The old newsletters are now posted on the same page as the other newsletters. However, there are no newsletters at all from 1995 or 1996. If you have a copy of a newsletter that is not posted on the website, please consider making a copy and mailing it to Daryl Stephens (Box 70663, Johnson City, TN 37614) so it can be scanned and added to the web site. Even better, if you made a newsletter that is not up and still have the computer files, e-mail them to him (stephen@etsu.edu) and we can post them.



NADE 2005

Make plans to join the Southwest Association for Developmental Education (SWADE) in Albuquerque, NM next March 9 – 13 for the 29th Annual NADE conference. Visit the website at <http://planet.tvi.edu/nade2005/> for information about the conference and opportunities to volunteer.

As program co-chair and a Math SPIN member, I would be more than happy to hear from you with any suggestions you might have to make this a great conference. I learned a lot from the comments made at the SPIN meeting in St. Louis, but there's still time to have some input.

I hope to see you all in Albuquerque next year!

Susan McClory
NADE 2005
Program Co-Chair

Both the Call to Conference and information on hotels are now posted on the website.

FLASH! There is still time to submit a **poster session**. Deadline for submission has been extended to December 10, 2004. For details, see the submission form at <http://planet.tvi.edu/nade2005/ConferencePages/Calls/PosterPropSubmForm2005-ApprRevised.pdf>.