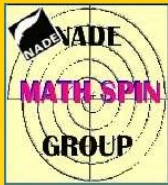


MathSPIN News

Newsletter of the NADE Math SPIN Group

February 2004



In This Issue

From the chair	1
From the co-chair	1
Annual SPIN Meeting	2
Meeting Agenda	2
Yahoo Group Rules Proposal	3
Concurrent Sessions at NADE	4
Professional Development Opportunities	5
MathSPIN Web Site	6

MathSPIN logo created by Shawna Mahan, original MathSPIN webmaster.

From the Chair

It's getting to be that time of year again! The annual NADE conference is just a few short weeks away. I look forward to seeing St. Louis, staying in the shadow of the Arch, and, best of all, spending several days exchanging ideas with colleagues from all over the country and making and renewing professional acquaintances. I hope you have sent in your registration forms and made travel arrangements. I'd certainly love to see each of you in St. Louis!

If you're at the conference, please plan to attend the SPIN meeting Friday, March 12 from 11:45-12:45. (Box lunches are available.) We'll elect officers and set some policies as well as getting updates on various projects.

I'd like to make a request of conference presenters. It would be really nice to people who couldn't come to the conference, or could only be in one session room at a time, if presenters could share a summary of their presentation. Since there's no longer a conference proceedings of the entire NADE conference, why don't we put together a summary for the next newsletter of all the math sessions? E-mail me a summary that we can put in the next newsletter, or give it to me in person at the conference. If you'd be willing to share your handouts with the group, we could post those on the SPIN web site to reach a much wider audience than the people who were in the room with you. None of this would keep you from also submitting your work to a journal for publication, of course.

Daryl Stephens

From the Co-Chair

I am really excited about the upcoming NADE meeting where we can share ideas and thoughts. Please do plan on attending the SPIN meeting as we do share some important information and have several important issues to discuss. We need all of your input on these matters. We will include the summary of this meeting (sort of like minutes) in the Spring newsletter for those of you who are not able to attend this SPIN meeting. If you have something appropriate that you want us to announce, you may e-mail either Daryl or me to have it included in the announcements.

For those of you who are attending, did you know that there are special activities going on in St Louis on Sunday after the meeting? There is a special series of programs on the Lewis and Clark Expedition Anniversary celebration going on: it should prove to be an exciting time and we will be right there to participate in it.

See you in St. Louis - don't forget the Wednesday evening get together where we can meet and greet each other once again.

Diane Martling

Annual SPIN Meeting Friday, March 12, 11:45-12:45 SPIN Officer Elections to be Held

During the NADE conference in St. Louis, on Friday, March 12, we will have our annual SPIN meeting. It will take place between 11:45 and 12:45 in St. Louis Room A. We will have several items on the agenda, but we will also have time for people to give mini-presentations (say, 5 minutes). Time will be allotted by the order in which people request a time slot. E-mail Daryl by March 5 if you want to make a presentation.

During the Math SPIN meeting, we will have our annual election of officers. If you are interested in running for an office (chair, vice-chair, or some other office you might suggest), please attend the meeting or e-mail Daryl Stephens (stephen@etsu.edu) by March 5. Daryl and Diane are willing to continue in their current leadership roles but are also willing to let someone else take a turn. There is certainly room to add more officers.

MathSPIN Annual Meeting Agenda

- Welcome and comments from current officers
- Elections
- Update on *Best Practices*
- Discussion on web site, newsletters
- Discussion and vote on rules of Yahoo! E-mail group (*see below*)
- Set goals for next year
- Announcements
- Mini-presentations



Meeting Agenda Includes Considering Yahoo Group Rules

The leadership of the MathSPIN, including Roberta Lacefield, moderator of our Yahoo group, have been discussing the fact that we may want to establish some rules for belonging to and posting to the group. (In the past we've referred to this as a "listserv," but it turns out that's a trademarked name owned by some other company, so we'll try to avoid using that term.) One question that has been raised is whether membership in the Yahoo group should be limited to current members of NADE who are also members of the MathSPIN or to open it to anyone interested in teaching developmental mathematics. If we open it up, at a minimum we would certainly invite members of AMATYC who teach developmental math.

We will also ask the membership to vote on whether to post a set of rules for use of the e-mail group. Earlier this month someone posted a political campaign message that was unrelated to developmental math, and that person was removed from the list. On the next page are some proposed rules we'd like to consider posting. (Feel free to suggest some alternatives--this set of rules was made up in a few minutes while Daryl was sitting at the computer.)

If you can't attend the meeting and have an opinion you'd like to make known, please e-mail Daryl (stephen@etsu.edu) or Diane (dmartlin@harpercollege.edu) and we'll make sure your viewpoint is known.

Proposed MathSPIN Yahoo E-mail Group Rules (Starting Point for Discussion)

1. Membership is limited to *[we will choose one of these or come up with an alternative at the meeting]*:
 - a. persons who are members of the Mathematics Special Professional Interest Network of the National Association for Developmental Education.
 - b. persons who are members of the NADE MathSPIN or the AMATYC foundations/developmental math interest section.
 - c. persons who are members of NADE, AMATYC, or one of their state, regional, or local affiliates of those organizations and who teach, tutor, or administrate developmental mathematics.
 - d. persons who are members of NADE, AMATYC, CRLA, NCLCA, NCTM, NCSM, or MAA, or a group affiliated with one of these organizations, who who teach, tutor, or administrate developmental mathematics.
 - e. persons who teach, tutor, or administrate developmental mathematics.
2. All postings to the group should be on the topic of teaching or administering developmental mathematics. Such postings include business items of organizations such as the NADE MathSPIN. Announcements of conferences, workshops, symposia, or grants which deal in part with developmental mathematics are also acceptable.
3. Persons posting to the list should do so in a courteous and respectful manner. Different viewpoints are encouraged, but criticism of individuals is not acceptable.
4. The group may not be used for advertising commercial products. This rule does not prohibit announcements of publications or newsletters which are sponsored by NADE, AMATYC, etc.
5. The moderator of the list has the right to remove postings by persons who violate the rules. A second violation may result in removal of the poster from membership in the list.
6. To avoid embarrassment and unnecessarily filling members' e-mail boxes, an individual who wishes to reply to a post on the list should remember that using the Reply or Reply All feature sends an e-mail to every member of the list. A message to an individual should be made by copying the sender's e-mail address and paste it into the "To" field of the e-mail composition.
7. Policies concerning this list are to conform to the terms and conditions set forth by Yahoo. Policy making authority for the rules of this list resides in the Mathematics Special Professional Interest Network of the National Association for Developmental Education.

Make sure you get your SPIN newsletters!

Because of budget constraints, we can't print and mail every newsletter. We get a list of e-mail addresses of SPIN members from the NADE office, and every time we send out a newsletter there are a dozen or two that come back because the e-mail address isn't valid. If you move to another institution, or your e-mail address changes for some reason (such as the college changing domain names), please make sure you change that information with the NADE office. You can send an e-mail to office@nade.net or call toll free 1-877-881-9876.

Your contributions to this newsletter are always welcome. How about a short summary of something interesting your program is doing? Maybe you have an amusing insight from a student worth sharing. E-mail any submissions to Diane Martling, dmartlin@harpercollege.edu, as plain text or a Microsoft Word attachment.

NADE 2004 Conference Offers 29 Math Sessions

The NADE conference to be held in St. Louis March 11-13 will include at least 29 sessions devoted to math. There are, of course, other general interest sessions that you might enjoy which are listed in the program booklet. Check out the conference website at <http://www.nade2004.com> for more information. Here is a list of math-themed sessions. (If one was left out, we apologize.) Descriptions of these sessions are on the conference website and in the packet you will get at registration. Please support your colleagues by attending as many sessions as you can!

Thursday, March 11, 2004

Concurrent Session 1, 10:30 AM – 11:45 AM

- Using Modeling Activities and Technology in Algebra Classes (Don Brown and Donna Saye)
- Applications Success: "If I Could Just Set It Up!" (Christine Heinecke Lehmann)
- Teaching Online Mathematics and Hybrid Mathematics Courses (Mary Susan Hall)
- Relationship Between Mentor Group Participation and Final Course Grade – A Follow Up (Joyce Blinn, Sally Dreier, Dean Purdy)

Concurrent Session 2, 1:15 PM – 2:30 PM

- Multimedia Instruction: Preparing Students for Success in College-Level Math (Debbie Puett)
- Visually Learning Math – See it, Do it, Understand It (Shyla McGill)
- Don't Try This: What Doesn't Work in Developmental Math (Daryl Stephens and Irene Duranczyk)

Concurrent Session 3, 2:45 PM – 4:00 PM

- Assistance with Learning Math: College Students' Perceptions (Bonnie Henrie) (*NADE 2003 Outstanding Thesis/Dissertation Award*)
- How Readable Is That Math Textbook? (Terrence Sundeen)
- Policies and Practices in Developmental Mathematics – How Uniform Are They? (Mary Lou Brown and Victoria "Y" Wacek)

Concurrent Session 4, 4:15 PM – 5:30 PM

- Developing System-Wide Exit Competencies for Developmental Mathematics (Cheryl Cox, Lucille (Cookie) Roth, Donna Foster)
- Algebra Tutorials Using Camtasia (Linda M. Clark, Nancy J. McCormick, Scott McDaniel)
- Using Manipulatives to Enhance Algebra Learning (Paige Hamersma, Julie Francavilla, Joni Pirnot)
- Multimedia Developmental Math in the Classroom/Lab (Andra Dorlac, Bob Khouri)

Friday, March 12, 2004

Concurrent Session 5, 10:30 AM – 11:45 AM

- Flexible Delivery: A Plan for Student Success (Jennifer L. Dooley, Nancy J. McCormick)
- What Works in Developmental Mathematics (Kathy Wanstreet, Josette Ahlering, Jacqueline Bakal, Irene Duranczyk, Meredith Anne S. Higgs, Bonnie Hodge) (*SPONSORED BY THE MATH SPIN*)
- Teaching Mathematics: Research and Experience (Annette Williams and Linda Clark)
- Working With Graphics in Mathematics (Mary Susan Hall)

Concurrent Session 6, 2:15 PM – 3:30 PM

- Helping Students Systemize Learning Math and Managing Test Anxiety (Paul Nolting and Kim Nolting)
- An SI Training Program Partnering Academic Support and Department Faculties (Vivian Snyder)

Concurrent Session 7, 3:45 PM – 5:00 PM

- Nonstandard Problems in Algebra and Basic Mathematics (Geoffrey Akst)
- Affective Barriers to Success in Developmental Math (Barbara Bonham) (*Sponsored by NCDE*)

Saturday, March 13, 2004**Concurrent Session 8, 10:15 AM – 11:30 AM**

- Complete Developmental Courses in One Semester (Kay Thompson)
- A DMP Formula: $2 + 6 + 318 = \text{Success}$ (Victoria "Y" Wacek, R. E. Moore) (*Sponsored by John Champaign Award for Outstanding Dev. Ed. Program*)
- Learning Assistance Portal: Reinforcing Developmental Studies through Interactive Tutorials (Anthony Brown)

Concurrent Session 9, 11:45 AM – 1:00 PM

- Alligators and the Swamp: Transitioning from Traditional to Reform (Cindy Johnson and Alan B. Cring)
- Formative Assessment in Developmental Mathematics: Improving Teaching and Learning (Jane Lane and Jackie Coomes)
- Definitions in Mathematics: Stumbling Block or Stepping Stone? (Frank Pecchioni)

Professional Development Opportunities

Call for Speakers for the ICTCM Conference in New Orleans

Consider presenting at the Seventeenth Annual International Conference on Technology in Collegiate Mathematics (ICTCM), October 28 – 31, 2004, New Orleans, Louisiana, and enjoy the nearby French Quarter!

ICTCM was founded 16 years ago by Bert Waits and Frank Demana from The Ohio State University to provide a forum for college teachers to share experiences and ideas on teaching collegiate mathematics (this includes developmental math) using technology. High school mathematics teachers are also invited to submit speaking proposals for sessions or workshops.

The speaker form is available at www.ictcm.org. In addition to sessions, panels, computer minicourses, calculator workshops and professional development workshops, there is a new option this year for those interested in organizing a mini-symposia with a common theme that includes four speakers presenting on the theme. As an organizer of the mini-symposia, you are responsible for finding the four speakers. Each speaker will have 20 minutes, and the organizer will provide an opening and closing.

Mini-symposium organizer must submit proposal by February 20, 2004. Accepted topics/organizers will be posted on the ICTCM website no later than February 28, 2004. Organizers have until March 22, 2004 to identify the individual speakers, all of whom must submit separate nominations. Presenters in all other sessions have until March 22, 2004 to submit proposals. See www.ictcm.org for all details.

AMATYC Outer Banks Summer Institute & DEV Short Course

The five-day short course "Developmental Algebra Using a Function Approach" will be offered in Duck, North Carolina, June 13 – June 18, 2004. We will investigate a beginning/intermediate algebra curriculum that uses a function approach and develops mathematical ideas in the context of real-world situations. For a table of contents and information about the course, please go to www.math.ohio-state.edu/~elaughba/. College level developmental algebra faculty and teachers of remedial algebra in high school are welcome.

The course is a cooperative effort between the T³-Teachers Teaching with Technology College Short Course Program <www.math.ohio-state.edu/shortcourse/> and the AMATYC <www.amatyc.org> Summer Institute Program. We will use the Texas Instruments CBL 2™, TI-84 Plus SE™, and the TI-Navigator™ as tools of choice for teaching developmental algebra. The instructors will be Ed Laughbaum from The Ohio State University, Debbie Crocker from Appalachian State University, and Marlena Herman from Rowan University. For more information, please contact Ed Laughbaum, elaughba@math.ohio-state.edu.

Professional Development Opportunity for Developmental Algebra Professors

The Teachers Teaching with Technology College Short Course Program (T³ CSC) based at The Ohio State University is now offering a fresh look at the developmental algebra curriculum and pedagogy. The DEV short course is available free for 1 to 3 days on your campus (15 participant minimum). The DEV short course will investigate a beginning/intermediate algebra curriculum that uses a function approach and develops mathematical ideas in the context of real-world situations. We will use the Texas Instruments CBR, CBL 2, several apps, and the TI-83/84 Plus SE. Course instructors include Debbie Crocker, Wade Ellis, Joe Fiedler, Peg Greene, Ed Laughbaum, and Roseanne Hofmann. See www.math.ohio-state.edu/shortcourse/ for more details.

For more information and a course application, please contact Ed Laughbaum, <elaughba@math.ohio-state.edu> or visit www.math.ohio-state.edu/shortcourse/. The presenters' expenses and honorarium are paid by a grant from Texas Instruments Inc. to The Ohio State University. The T³ CSC Program is endorsed by the American Mathematical Association of Two-Tear Colleges <<http://www.amatyc.org/meetings.html>>.

MathSPIN Web Site

Remember that we have a web site set up for our membership at <http://www.etsu.edu/devstudy/spin/> which has a number of resources designed to help you and your teaching. Archives of newsletters dating back to 1997 are on there, as well as links to dozens of web sites for professional or classroom use. The original volume of *Best Practices in Developmental Mathematics* is now posted there as a PDF file. Information and directions on joining our Yahoo e-mail group is there as well. Several of your colleagues have contributed handouts from conference presentations. Information on various upcoming professional development opportunities are listed. We are always looking for more additions. Send any contributions to Daryl, our webmaster, by e-mail at stephen@etsu.edu - non-HTML documents will be converted to PDF.