Math Club News

The UI Math Club had an active spring semester. Highlights included our first "Integration Bee" - an event like a spelling bee, but with calculus - held as part of our "Pi Day Eve" celebration (Pi Day is March 14 - that is, 3/14.) Peter Marcy, Tim Paulitz, and Matt Peterson were the champions of the integration bee. Also, as part of National Mathematics Awareness Month in April, our club conducted a service project of visiting two local 5th grade classes to lead an activity based on fractal curves. Members of the club planned the activity, prepared the materials, and led the classroom sessions.

Peter Marcy, holding his Integration Bee 2003 Champion certificate

Idaho Mathematics Academy

The Idaho Mathematics Academy (IMA) hosted 130 Idaho middle school teachers August 4-8 at the University of Idaho. Coordinated by the Idaho Department of Education, the IMA focused on geometry and measurement; and related manipulative models, software tools, and classroom strategies. UI mathematics education professor Dr. David Thomas served as IMA on-site coordinator. During the 2003-2004 academic year, Thomas will coordinate a variety of on-line follow-up and project evaluation activities for the teachers. As part of this year's program, Gail Adele and Cynthia Piez presented three workshops on Geometry and the Imagination. In another session, Gail Adele presented the activity "Pyramid Power Puzzles," which gets students involved in three dimensional problem solving. Governor Kempthorne and the Idaho Department of Education created the Idaho Mathematics Academy in 2002. Its purpose is to address the national challenge of leaving no child behind by guaranteeing that every Idaho middle school student has a highly competent teacher. The 2004 IMA is being planned and interested parties may contact Thomas via email at dthomas1@uidaho.edu.

New Faculty Member

Faculty Profile—Tony Shaska

BIRTHPLACE - Vlora, Albania

FAMILY - Married, two daughters

DEGREES - B.S. University of Michigan, 1994
M.S. University of Florida, 1998
Ph.D. University of Florida, 2001

FAVORITE MATHEMATICIAN - Gauss

FAVORITE THEOREM - What goes up, will come down

FAVORITE AREAS IN MATHEMATICS - Arithmetic and Algebraic Geometry, Number Theory, Computational Algebra, and Cryptography.

FAVORITE FOOD - Steak

FAVORITE BOOK - The one I intend to write

IN MY SPARE TIME - Spending time with my family, playing soccer, walking, hiking

PEAK EXPERIENCE - Births of my children

I CAN'T STAND - waking up without coffee

I WISH I KNEW - how to find more time in a day

You can learn more about the UI Math Department by visiting our website: **www.uidaho.edu/math**

New Lecturers

ERIK ARNSON joined us in August as a lecturer. He earned his M.S. in Geological Engineering from UI, and his B.S. in Recreation Management from the University of Oregon.

ROMAN MAKORDEY joined us in August as a lecturer. He earned his M.S. in Math from UI in May. He earned his B.S. in Math from Odessa State University in the Ukraine.

KEN ZIMMERMAN joined us in August as a lecturer. He earned his B.A. degree in English from Stanford, and his M.A. and Ph.D. in Mathematics, both from the University of New Mexico.

Mary Voxman Retires

Mary Voxman, one of the best mathematics instructors at the University of Idaho, retired in May. She began her career as an instructor at the University of Idaho in 1982, concentrating her efforts on intermediate algebra and pre-calculus. She became a senior instructor in 1985. Students who struggled in mathematics in high school or came to the university with poor mathematics preparation had a friend in Mary. She set tough standards, but would work tirelessly with any student willing to make an effort. Mary was the first director of the Mathematics Statistics Assistance Center, she pioneered the use of graphing calculators in pre-calculus and led the efforts to introduce reform calculus. Mary received the UI Alumni Award for Excellence in 1990.

She earned her bachelor's degree and master's degree in Mathematics from the University of Iowa in 1963 and 1968, respectively.

Her spirit of adventure led her to trek along the Machu Picchu trail in Peru and her spirit of charity produced a life of selfless giving to the community and beyond. In the 80s, she served on the Moscow School Board. As a tireless advocate for human rights and social justice, she was the 2001 recipient of the Martin Luther King Human Rights Award for "Outstanding Commitment to the University of Idaho and greater Moscow Communities." Born in Chochabamba, Bolivia, she has never forgotten her roots. As one of the founders of the Moscow Sister City Association, she is largely responsible for raising awareness of Central and South American culture. From selling salteñas (Bolivian meat pies) at the Renaissance Fair to a spaghetti feed in the winter, she is always promoting fund-raisers to help the less fortunate. The University of Idaho's loss will be the Moscow community's gain, as she will now have more time for the many causes she supports.

Gail Adele Retires

Dr. Gail Adele, Professor of Mathematics Education, is completing a distinguished 28-year career at the University of Idaho. Gail earned her bachelor's and master's degree in Mathematics from Indiana University in 1962 and 1963, respectively. She received her Ph.D. in Mathematics from Michigan State University in 1968, taught at Western Washington University and then joined the Department of Mathematics at UI in 1974. She has held visiting positions in the Department of Mathematics, Science, and Technology Education at Queensland University of Technology in Brisbane, Australia and at Western Washington University in Bellingham, Washington.

Gail taught a wide variety of courses ranging from early childhood mathematics to graduate topology. She has written books that are used in teaching mathematics to pre-kindergarten to eighth grade pre-service and in-service teachers, and has provided many development opportunities for teachers, including week-long workshops that she has developed. Gail has collaborated with Dr. Gwen Kelly of the College of Education in supporting and staffing a centerpiece mathematics education laboratory. She has obtained grants to equip and service this important facility.

After retirement, Gail will continue to offer professional development opportunities for teachers through workshops, and to author mathematics education materials. She also plans on traveling and will pursue outdoor activities including white-water rafting.

Recent Graduates

JOSEPH ALLISON graduated in May 2003 with a Bachelor of Science degree in Mathematics and Physics.

ERIC ANDERSON graduated in May 2003 with a Bachelor of Science degree in Mathematics and Physics.

BENJAMIN BAKER graduated in May 2003 with a Bachelor of Science degree in Applied Mathematics.

MATTHEW BENKE graduated in May 2003 with a Bachelor of Science degree in Mathematics. He also earned a B.S. in Computer Science. He will be a graduate student in Intelligent Transportation Systems at UI.

JAYNE BIRD graduated Magna Cum Laude in May 2003 with a Bachelor of Science degree in Applied Mathematics. She also earned a B.S. in Business with a major in finance. She will work for John Hancock Financial Services in Portland, Oregon.

DANIEL BRODOCK graduated in December 2002 with a Bachelor of Science degree in Applied Mathematics.

Recent Graduates, continued

ELIZABETH CUNNINGHAM graduated Summa Cum Laude in December 2002 with a Bachelor of Science degree in Mathematics. She also earned a B.A. in Spanish. She will be a graduate student in Mathematics at UI.

DANIEL FRAZIER graduated in August 2002 with a Bachelor of Science degree in Applied Mathematics. He is a graduate student in Statistics at UI.

RITA GREEN graduated in May 2003 with a Bachelor of Science degree in Mathematics. At commencement she was commissioned an Ensign in the U.S. Navy. Her first duty is aboard a ship stationed at Mayport, Florida.

BRADLEE HERAUF graduated Magna Cum Laude in May 2003 with a Bachelor of Science degree in Applied Mathematics.

AANA HESTER graduated in August 2002 with a Bachelor of Science degree in Applied Mathematics.

CHRISTOPHER JOHNSON graduated in December 2002 with a Bachelor of Science degree in Mathematics. He also earned a B.S. in Electrical Engineering. He will be a graduate student in Electrical Engineering at UI.

JAR SHANG JONG graduated in December 2002 with a Bachelor of Science degree in Applied Mathematics. He is a graduate student in Statistics at UI.

MATTHEW LABRUM graduated in May 2003 with a Bachelor of Science degree in Mathematics.

NATHANIEL MERCALDO graduated in May 2003 with a Bachelor of Science degree in Applied Mathematics. He also earned a B.S. in Microbiology. He will be a graduate student at the University of Washington in Biostatistics.

JOHN MORRISON graduated in December 2002 with a Bachelor of Science degree in Mathematics and Physics. He is a graduate student in Physics at UI.

TIMOTHY PAULITZ graduated in May 2003 with a Bachelor of Science degree in Mathematics. He also earned a B.S. in Mechanical Engineering. He will be a graduate student in Mechanical Engineering at UI.

BRANDON RODEBAUGH graduated in May 2003 with a Bachelor of Science degree in Mathematics. He will be a graduate student in Boston studying theology.

MICHELE VALIQUETTE graduated Magna Cum Laude in May 2003 with a Bachelor of Science degree in Applied Mathematics. She also earned a B.S. in Computer Science. In the Fall she will attend the University of Zaragoza to finish her Spanish major. Next Fall she will enroll at Boalt Law School at the University of California at Berkeley. Her main interest will be the law of technology.

MANUEL WELHAN graduated in May 2003 with a Bachelor of Science degree in Mathematics and Physics. He will be a graduate student in Mathematics at UI.

ADAM WINN graduated in August 2002 with a Bachelor of Science degree in Applied Mathematics.

DEBORAH FRANK-ALLEY graduated in May 2003 with a Master of Arts in Teaching degree in Mathematics.

KIMBERLY BUSBY graduated in August 2002 with a Master of Arts in Teaching degree in Mathematics.

NIKKI DeMERRITT graduated in August 2002 with a Master of Arts in Teaching degree in Mathematics.

FREDERICK HOCHSCHILD graduated in August 2002 with a Master of Arts in Teaching degree in Mathematics. He is a teacher of Mathematics at Princeton High School in Princeton, New Jersey. Next year he will be teaching Advanced Placement Calculus and Advanced Placement Computer Science.

ANNETTE LeGENDRE graduated in May 2003 with a Master of Arts in Teaching degree in Mathematics.

JOAN LIEN graduated in May 2003 with a Master of Arts in Teaching degree in Mathematics. She teaches 7th and 8th grade mathematics at Forks Middle School in Forks, Washington.

CINDY LONGHURST graduated in May 2003 with a Master of Arts in Teaching degree in Mathematics.

SONITA LUCHT graduated in August 2002 with a Master of Arts in Teaching degree in Mathematics.

DANIEL MAXWELL graduated in May 2003 with a Master of Arts in Teaching degree in Mathematics.

STEVE NIEMEYER graduated in May 2003 with a Master of Arts in Teaching degree in Mathematics.

JOHN SALZER graduated in December 2002 with a Master of Arts in Teaching degree in Mathematics.

ROMAN MAKORDEY graduated in May 2003 with a Master of Science degree in Mathematics. He will be a lecturer in mathematics at UI.

INNA POLITAYKO graduated in May 2003 with a Master of Science degree in Mathematics. She will be a lecturer in mathematics at UI.

ZACHARY SAUL graduated in August 2002 with a Master of Science degree in Mathematics.

SHOU-MING WANG graduated in May 2003 with a Master of Science degree in Mathematics.

Student Honors

Earl Bennett, Dean of the College of Science, Peggy Wilde, Elizabeth Cunningham, Adrienne Theopilus, Monte Boisen.
Peggy and Adrienne are the daughters of John B. George, after whom the George Award is named.

At Commencement ELIZABETH CUNNINGHAM received the John B. George Award as the outstanding graduating senior in the College of Science. The award is based on academic achievement and service to the university community. The actual award is a 50 ounce silver bar, a cash gift, and the recipient's name engraved on a permanent plaque in the Dean's Office.

The University Honors Program presented Honors Certificates to MATT BENKE and ELIZABETH CUNNINGHAM. JAYNE BIRD received the Core Award.

The Associated Students at UI presented MICHELE VALIQUETTE with its Outstanding Senior Award. The selection was based on scholarship and activities.

Dean's List

Each semester the Dean of the College of Science lists those students who have received a grade point average of 3.3 or better and have taken at least 14 credits for a letter grade. The Mathematics majors on the Spring 2003 Dean's List are:

AARON BLUE	RYAN BLUE
JUSTIN BOGGS	COLIN CARVER
BRIAN DORGAN	MICHAEL FERNALD
JILLIAN GULMAN	SEAN HALER
JAMES HARDING	ABBY HEIEREN
NATHANIEL HINDS	JESSE HUSO
TONEY JACOBSON	MATTHEW JOHNSON
TYREL JOHNSON	CURTIS KING
NICOLLE MARSELLE	ERIK MENTZE
TYLER MESERVY	JOLENE MONSON
ANTHONY PRATT	FAUNA SAMUEL
DANIELLE SEBRING	JAMES STEINER
MICHELE VALIQUETTE	MANUEL WELHAN
REBECCA WERNHAM	STACEY WILKINS
ANGELA WINDLEY	ZHENHAO WU

Student Activities

MICHELE VALIQUETTE participated in a Research Experience for Undergraduates at California Polytechnic Institute in San Luis Obispo, California this summer.

SARAH WALLER had an actuarial internship with Regence Blue Shield in Lewiston this summer.

Putnam Competition

Have you ever participated in a Math contest? Now is your chance. Each year early in December the Mathematical Association of America conducts the Putnam Competition for math students throughout the United States and Canada. If you have had a variety of math courses and enjoy challenging problems see Ralph Neuhaus in Brink 302 for details. You can join our seminar (Math 400) which helps you prepare for the exam.

In the 2002 competition, several UI students did very well. CHRIS JOHNSON placed in the top 15%, MUEEN NAWAZ placed in the top 25%, and MATT PETERSEN placed in the top one-third.

Congratulations on a Job Well Done!

Departures

ALAN HAIN, a lecturer in the department, will teach at Lewis-Clark State College.

ANN ABBOTT, a lecturer in the department and the assessment officer, will work for the U.S. Forest Service in Moscow as a statistician.

HEATHER STEWART, the administrative assistant in the Polya Mathematics Center, will go to graduate school in Accounting at UI.

HEATHER HOWELL, a lecturer in the department, will teach in New York City.

RODOLFO LONG, an instructional technologist in the department, is moving to New York City.

Math Puzzler Solutions

#1 There is no solution. The first 1000 miles took 25 hours. If r is the speed on the return trip then

$$80 = \frac{2000}{25 + 1000/r}$$

This has no solution.

#2 The quotient N/S is 22 regardless of what you choose for N. Why? If you repeat this with N, a 4 digit integer, and S, the sum of all 3 digit integers formed from the digits of N, what will N/S be?

Outstanding Seniors

Elizabeth Cunningham, Monte Boisen, Matt Benke

At the Spring commencement reception MATTHEW BENKE and ELIZABETH CUNNINGHAM were given the 2003 Outstanding Senior Award in Mathematics. This award is presented annually to the seniors who have shown exceptional mathematical talent. Each student honored is given a cash award and is recognized on an engraved plaque in the Mathematics Department Office.

MATT's performance in his math classes was exceptional, earning a high grade point average in Mathematics. He also took the graduate level topology course. In addition to his degree in Mathematics Matt also earned a bachelor's degree in Computer Science. He participated in the national Business Professionals of America competitions, winning the Java programming competition this year. He also was an officer in the UI Mathematics Club and the student chapter of the Association for Computer Machinery.

ELIZABETH's performance in her math classes was exemplary, earning a high grade point average in Mathematics. She also majored in Spanish, minored in Economics, and earned an honors certificate. She also helped to take the "Mars Rover Challenge" to Idaho 5th and 6th graders, was a guide for South American students at the International Math Olympiad in Washington, DC, a math tutor in the Polya Math Center, and an officer in the UI Mathematics Club.

Actuarial News

TESTS, TESTS, TESTS
Among all the other things, students seeking to become actuaries need to be concerned about the Actuarial Exams. These exams are incredibly important. To become an Associate of the Society of Actuaries you need to pass six of their exams. This is not easy. Fewer than 50% pass an exam the first time they take it. Fulfilling the requirement for the actuarial science option at UI covers most of the content of Exams 1 and 2, and provides background knowledge for the content of the remaining exams. The questions on the exams are not the usual textbook questions. They frequently apply mathematics to risk problems and also ask you to draw conclusions. Students need intense preparation.

We offer two seminars to help you prepare for Exam 1. In the fall we offer Math 255 to review Calculus and in the Spring we offer Math 455 to review Mathematical Probability. Both semesters we review questions taken from old exams. We also emphasize that the student search for the answer. This is important because when you are preparing for the future exams while on the job you will be studying on your own. It is very worthwhile to develop those skills now.

We also will arrange assistance in studying for Exam 2, which covers Economics, Finance, and the Theory of Interest. Review material from previous exams is also available. See Ralph Neuhaus in Brink 302 to arrange for assistance.

Exams 1 and 2 can be taken in Moscow on November 5 and 6 or on May 26 and 27. Applications for the November exam must be received before September 24, 2003 and before April 1, 2004 for the May exam. See Ralph Neuhaus in Brink 302 for an application.

Internet Math Challenge

Looking for a mathematical challenge to stimulate the interest of a pre-college student? Try out the *Internet Math Challenge.* The IMC is a web-based problem-solving contest featuring prizes for solving weekly math puzzles. Students can email their solutions and receive feedback from the IMC staff. The puzzles are designed to be fun, and to require few prerequisites beyond cleverness, so students of all ages can participate. Prizes include two specially designed IMC T-shirts given each week, plus monthly prizes of a graphing calculator.

The UI Math Dept. has sponsored the Internet Math Challenge each school year since 1996, with supervision by Professor Mark Nielsen. You can find IMC at
http://www.uidaho.edu/imc

Faculty and Staff News

MARK NIELSEN was promoted to Professor of Mathematics in June. He is well known in the department for his mathematics course for honors students, and for his geometry course. He has received numerous awards for excellence in teaching. While serving on the Faculty Council he was instrumental in revising the Student Evaluation of Teaching to an on-line system. He has written numerous research articles on geometry and tilings. Mark's Ph.D. student was Dusty Sabo.

STEVE KRONE attended the Society for Molecular Biology and Evolution's annual meeting in Newport Beach, California in June. He also attended the Gordon Research Conference on Microbial Population Biology in Andover, New Hampshire in July.

FRANK GAO attended the Seminar in Stochastic Processes in Seattle in March.

TONY SHASKA attended the Joint International Meeting between the American Mathematics Society and the Real Sociedad Matematica Espanola at Seville, Spain in June.

PAUL JOYCE gave an invited talk at the Research Network on Interacting Stochastic Systems meeting at Berlin, Germany in April.

ZAID ABDO attended the 2003 Evolution Meeting in Chico, California in June.

KIRK TRIGSTED and ANN ABBOTT gave presentations at the Washington State Community College Mathematics Conference at Wenatchee in May.

DAVID THOMAS chaired a panel at the National Conference of the Teachers of Mathematics annual conference at San Antonio, Texas in April.

CLANCY POTRATZ conducted a Data Driven Math workshop follow-up session at Cottonwood in April.

JOSE PONCIANO and ZAID ABDO attended the Snake River chapter meeting of the American Statistical Association meeting at Boise in May.

ARIE BIALOSTOCKI conducted a Research Experience for Undergraduates for the fourth summer in a row.

Bill Voxman Retires

William Voxman, professor of Mathematics, is retiring after 32 years of service at the University of Idaho. His colleagues and students will remember him as a Renaissance man. In addition to his contribution to mathematics, as a teacher, researcher and curriculum developer, Bill is an artist, a sharp-eyed photographer whose camera caught the reality of our surroundings from amazing angles. Furthermore, his strong attraction to music led him to become an accomplished clarinetist who succeeded in passing his love of music to a young violin player, his daughter Tanya.

Bill was a great collaborator who published five textbooks and more than 40 papers. He earned his bachelor's degree in Chemistry from the University of Iowa in 1960, while playing the clarinet for the University Symphony and tennis for Iowa's tennis team. He received his masters in Mathematics from Iowa in 1964. He received his Ph.D. from Iowa in 1968, studying topology with Tom Price and Steve Armentrout. His main research interest lay initially in manifolds in topological spaces and later focused on fuzzy sets, greedy algorithms and matroids. In recent years his interest encompassed Erdös type problems in Combinatorics as well. The subjects of his books range from topology and analysis to discrete mathematics and linear programming. Bill taught a variety of courses including Mathematics for honor students. He will be remembered for his unique style, a demanding professor who never compromised on the high level of his instruction. Craig Zemke was his Ph.D. student.

Among his extension and service activities his role in establishing undergraduate and graduate programs in mathematics in the Universidad Técnica del Estado in Santiago, Chile and in the Escuéla Politecnica Nacional in Quito, Ecuador are commendable. Bill also helped found and was a Chapter Coordinator of Amnesty International.

And finally, he performed many great services to the University and to local government. He chaired many UI committees including the Faculty Council and served for over 10 years on the Moscow Planning and Zoning Commission and the Moscow City Council.

MATT JEPSEN joined us in August as the new Administrative Assistant for the Polya Center. He is currently working on a B.S. in Music Theory at UI.

Past Graduates

JAMES CARLSON has been appointed as the second President of the Clay Mathematics Institute. As President he will lead the research activities of the Institute and liaison with leading mathematicians world wide. Carlson graduated from UI in 1967 with a B.S. in Mathematics. He received his Ph.D. from Princeton University in 1971. He has been Professor and Chair of the Mathematics Department at the University of Utah. The Clay Mathematics Institute has been known for its Millennium Prize Problems. These are seven old and important mathematics questions that have resisted all attempts to solve them. The prize for solving one of these problems is $1 million.

JIM CLARK received his M.S. in Mathematics from UI in 1966 and later received his Ph.D. from UCLA. He has worked for Los Alamos Scientific Laboratory and for Bell Laboratories. Recently he formed a company, with some former colleagues, to build software to address authorization and authentication for the computer industry. The company has since been bought by IBM and the software is the cornerstone of IBM's web server product suite. He is now living in Austin, Texas.

KAREN VAN HOUTEN has retired from the University. She earned her B.S. in Mathematics in 1967, Her M.S. in Mathematics in 1970, and her Ph.D. in Electrical Engineering in 1980, all from UI. She joined the faculty of the Computer Science Department at UI in 1980 and has served as chair of the Faculty Council.

SCOTT SATAKE has joined the faculty at Spokane Community College. He and his wife Katie have a son, Jacob. He graduated from UI in 1996 with an M.S. in Mathematics, and has taught at North Idaho College.

MARC MCCALL is working for Howard Johnson, an actuarial consulting firm in Seattle. He received his B.S. in Mathematics from UI in 1999.

DUSTY SABO has become the Secretary-Treasurer of the Pacific Northwest Section of the Mathematics Association of America. He is on the mathematics faculty at Southern Oregon University. He received his Ph.D. in Mathematics from UI in 1996.

WILLIAM CRAINE has joined the faculty at the University of Portland. He has been in the U.S. Air Force teaching at the Air Force Academy. He received his M.S. in Mathematics in 1989 and his Ph.D. in Mathematics in 1994, both from UI.

TIM ALLEN is attending the Naval Post Graduate School in Monterrey, California pursuing an M.S. in Operations Research. His previous duty was on the submarine USS Alaska. He graduated from UI with a B.S. in Mathematics in 1997.

LARRY WEILL has retired from California State University at Fullerton. He continues to teach part time and to consult. He graduated from UI in 1972 with a Ph.D. in Mathematics and then joined the faculty at California State Fullerton.

BRYAN SMITH has become chair of the Math Department at the University of Puget Sound in Tacoma, Washington. He received his M.S. and Ph.D. in Mathematics from UI in 1977 and 1983.

LEO SCHOWALTER is taking a year's leave of absence from Rensselaer Polytechnic Institute where he is a Professor of Physics to work full time for Crystal IS Inc. This is a company he started a few years ago with a colleague to develop and market single crystal aluminum substrate semi-conductors. He earned his B.S. in Mathematics and Physics from UI in 1975. He received an M.S. and Ph.D. in Physics from the University of Illinois in 1976 and 1981, respectively.

RYAN MULLEN married Erin Terwilleger on June 21 in Plattsburg, Missouri. He earned his bachelor's degree and master's degree in Mathematics from UI in 1998 and 2001. He will be a Ph.D. candidate in Mathematics at the University of Connecticut.

New Graduate Students

RUINAN LU received her bachelor's degree in computer science in 1997 from the University of Petroleum, People's Republic of China. She earned an M.S. in Mathematics and an M.S. in Computer Science from the University of Minnesota, Duluth. She will be a Ph.D. candidate and a Research Associate, both in Bioinformatics.

ELIZABETH CUNNINGHAM received her bachelor's degree from UI in 2003. She will be an M.S. candidate in Mathematics and a Teaching Assistant in Mathematics.

RYAN BAUER earned a bachelor's degree in Mathematics from Southern Oregon University in 2000. He will be an M.S. candidate in Mathematics and a Teaching Assistant in Mathematics.

MANUEL WELHAN earned a bachelor's degree in Mathematics at UI in 2003. He will be an M.S. candidate in Mathematics and a Teaching Assistant in Mathematics.

CHIE SAKABE graduated in 2001 from Whitworth College with a B.S. in Mathematics and Computer Science. She will be an M.S. candidate in Mathematics.

MELISSA HODGE received her bachelor's degree in Mathematics from UI in 1997. She will be an MAT candidate in Mathematics and a Teaching Assistant in Mathematics.

University of Idaho
College of Science

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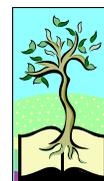
Fall 2003

Request for Alumni News

We would like to hear from you!

If you have some news/information about yourself that you would like printed in the next Math News, please send your information to Jaclyn Gotch at jclark@uidaho.edu or to: Department of Mathematics, University of Idaho, PO Box 441103, Moscow, ID 83844-1103.

Please include as much of the following as possible:
- Name
- Year you graduated from UI
- Degree and Major at UI
- Current Occupation
- News about yourself
- Comments, corrections, additions for newsletter

Math Puzzlers

#1

A car travels at a speed of 40 miles per hour on a 1000 mile trip. How fast must the car go on its return trip in order that the average speed for the total trip is 80 miles per hour?

(Remember average speed is total distance divided by total time.)

#2

Choose a 3 digit integer, N, with distinct digits. Let S be the sum of all 2 digit numbers formed from the digits of N. Find N/S.

Math Puzzler solutions can be found on Page 5!