

Department of Mathematics Southwest Missouri State University

AD INFINITUM



Department Head Notes

Almost another year has gone by since our last issue of Ad Infinitum. While the faculty continue to do their utmost to provide quality mathematics instruction and to help or mentor students along the way, to engage in scholarly activities, and to participate in and contribute to the mission of the university, there were a few noteworthy events or activities that could perhaps give you a glimpse of how our new initiatives continue to evolve:

- The Springfield Regional Math Club for high school students, sponsored by the Mathematics Department, went through its inaugural year during 1999-2000 (about 45 students attended at least one meeting.) <http://math.smsu.edu/mathclub.html>
- An Actuarial Information Day for area college and high school students was hosted on October 8 in Cheek Hall. About 150 students attended this event.
- A reception for mathematics alumni was hosted on October 16 as part of the Homecoming celebration. Our reception this year will be on October 21.
- A cooperative agreement with the University of Missouri - Rolla Mathematics and Statistics Department was officially approved to allow SMSU's post-masters mathematics students to transfer up to 18 hours of course work to UMR toward its Ph.D. program in mathematics or statistics. Although informal, a similar arrangement with the University of Missouri - Columbia in the area of mathematics education is also possible.
- An accelerated option in our master's degree is now available. In addition to the maximal 12 hours allowed under the senior permission provision, this option will allow students to count up to six additional undergraduate hours toward the master's degree.
- The Ozark 8 Conference (Diamond, Exter, McAuley, Purdy, Southwest, Thomas Jefferson, Verona, and Wheaton) became the latest addition to the list of high school conferences whose annual math contests we sponsor. The others are: Summit Conference, Mid-lakes Conference, and Southwest Corner League.
- Ash Grove and Nixa are the two latest high schools to join SMSU's dual credit program in mathematics. Other schools currently in this program are: Branson, Dadeville, El Dorado Springs, Glendale, Hollister, Kickapoo, and Strafford.
- Sponsored and supervised by Dr. Kishor Shah, two graduate students and two math classes made presentations at the Missouri Mathematical Association of America April meeting.
- Over \$21,000 in scholarships was awarded to 31 recipients for the 2000-2001 year. Also, 11 students received the 2000 Freshman Mathematics Award.
- Through an Eisenhower grant received by Drs. Kurt Killion and Clyde Paul, a 10-day workshop on incorporating instructional technology for elementary and middle school teachers was conducted in spring and summer. There are two follow-up sessions scheduled during the Fall of 2000. Participants included 33 teachers, two undergraduate students, and nine consultants.
- Through two external grants received by Drs. David Ashley and Larry Cambell, the first statewide conference for preservice mathematics teachers was held in spring at Lake of the Ozarks. About 155 student teachers attended.
- Through a Missouri DESE grant received by Dr. Larry Campbell, a week-long Math Attack workshop on developing mathematics curriculum by middle school teachers was conducted in summer. About 50 teachers attended.



At this writing, we are experiencing a very significant increase in the number of new mathematics admits for next fall, and it's our dear hope that this increase will hold up when the new semester starts.

Following the University's recent reorganization of the College of Education and its major effort to identify and implement new initiatives in the teacher education program in the coming year, it will be a big challenge for the Mathematics Department to actively join this effort and to find ways to strengthen our mathematics education program.

It goes without saying that we'll continue to need comments, suggestions, and support from the alumni and friends of the Mathematics Department to help us move in the right direction.

More importantly, please stay in touch, and I look forward to hearing from you from time to time.

Yungchen Cheng, Mathematics Head

Yesterday . . .

Two Springfield alumni remember . . .



E. Rebecca Matthews, Emeritus Professor

Alumnus Rebecca Matthews says that N.Y.A. (National Youth Administration) made it possible for her to go to college. She tells us that SMSU had 3 terms at that time: Fall, Winter, and Spring. She did not have the \$20.00 tuition in the Fall of 1936, but thanks to N.Y.A. she started in the Winter term. She says the Highway Department paid her fifteen cents per hour to put raw data together on tire surveys. "When I got new data I erased the paper and started over."

Rebecca's student memories of Dr. Pummill included "you had to be quick because he wrote with one hand and erased with the other and stomped his foot to make a point." But he also entertained KME students in his home, and she loved him.

"He was a father figure. I cried when he died, like when my own father died." Rebecca says Dr. Pummill and Dr. Temple, head of the Science Department, were friends. Dr. Pummill used to quip to his class as they were leaving, "You may go now, but don't wake up Mr. Temple's class." During the war Rebecca taught an "aeronautics" class for pilots in Oklahoma that concentrated on airplane identification and weather studies. Rebecca taught mathematics at Willard High School and at SMSU. She says she taught at SMS because "the phone line to Marshfield High School was busy."

<http://math.smsu.edu/>

In retirement, Becky has found more time for Audubon Society activities, like writing a "Feathered Friends" column for the Springfield NewsLeader and leading bird-watching tours to teach the people in the community how to recognize our feathered friends and how they fit into our lives and a healthy ecology.



"I'm not a mathematician. I just like to play with the kids."

Rebecca Matthews

It was natural for Vonna Vahldick to come to the SMSU Mathematics Department from Kansas City Junior College with 20 hours of mathematics in 1934. Her mother was a graduate from the old Normal School.

Dr. L. E. Pummill (mathematics department head, 1940-1957) taught College Geometry classes and Mathematics of Investment. Vonna says that having lived through the "crash of 1929" she was sure there was no mathematical model to predict the stock market and once believing banks were "safe," she wasn't interested in Mathematics of Investment, so she took Dr. Pummill's Geometry classes. Vonna tells us that Dr. Pummill was a "real gentleman," and wonders if being from Peabody University had anything to do with that since another true gentleman, our Dr. E. Howard Matthews, was from Peabody.

The highlight of her last year as a student was when President Franklin Roosevelt instituted the N.Y.A. (National Youth Administration) which enabled her to earn \$20.00 per semester grading Physics papers for Dr. Temple.

Yesterday . . . the mathematics department of the 1930's

Later, when Vonna was just 24 years old she taught large algebra and "math for teachers" classes one term on the third floor of Siceluff Hall while the department head, Sue Perkins, was on her first sabbatical. Dr. Pummill apologized for the rest of his days to her for that class load of 90 in each of two algebras and two math for teachers. The math major was 25 hours and the degree was 120 hours. Sue S. Perkins became department head in 1917. She remained in that position throughout the 1930's until she was succeeded by Dr. L. E. Pummill. Ms. Perkins told her, "I believe in the honor system . . . one student in each corner of the room."

Vonna tells us that she never had a course in Solid Geometry, but she taught it later from an analytic perspective, not "proofs." She says she used to practice figures on the board before class.

When she and another young faculty attending a faculty meeting on the top floor of Carrington Hall used the rest room reserved for faculty and were mistaken for students, they delighted in saying, "We ARE faculty."

***"Sets are only interesting if they are infinite."
Vonna Vahldick.***



Vonna and Roy Vahldick celebrated their 60th wedding anniversary in June.

The decade of the Thirties began with Black Tuesday's crash on Wall Street in 1929. By 1931, eight million people were out of work in the United States. The dust storm on Black Sunday in 1935 was the climax of a season of weather extremes, "*blizzards, tornadoes, floods, droughts, and dirt storms,*" according to Paul Bonnifield in "The Dust Bowl, Men, Dirt and depression." It was during this time that President Roosevelt began his New Deal programs, including N.Y.A. Going to college and earning a degree was not an easy path. **68% of our mathematics graduates in the 1930's were women.** One of them graduated with high distinction (above 2.4/ 3.0) Approximately one-half of them earned BSE degrees. Women were "bobbing" their hair, wearing hemlines up to the knees, and the heel-toeless shoes that our state legislature considered prohibiting. Women had just gained the right to vote. They were not about to lose the right to chose what kind of shoes they would wear.

The brand new McDonald Arena fieldhouse was completed with the giant Olympic regulation pool directly behind it. It was possibly the finest pool in the nation for competitive swimming and was scheduled to be covered someday.

1930's

Ms. S. Louis Beasley High Distinction, Ballwin, MO	BSE 1931
Mrs. Jewel H. (Brown) Bernard St. Louis, MO	BSE 1936
Mrs. Edith M. Biggers Sacramento, CA	BSE 1935
Dr. John D. Bledsoe Ozarko photographer, Annandale, VA	AB 1939
Mrs. Margaret (Matthews) Boyer St. Louis, MO	AB 1935
Dr. A. Byron Callaway Athens, GA	AB 1934
Kenneth Dick St. Louis, MO	BSE 1937

1930's cont.

Mr. Eugene W. Hoover Fairfax, VA	BSE 1937
Mr. James N. Hosey Springfield, MO	BSE 1938
Alfred J. Keast San Dimas, CA	BSE 1933
Mrs. Imogene (Smith) Kell San Antonio, TX	BSE 1937
Mr. John N. Kirkham Jackson, MS	AB 1933
Mrs. Kathryn (Williams) Koetting Joplin, MO	BSE 1931
Mrs. Eula M. (Graves) May Yuma, AZ	BSE 1936
Ms. Ruth V. Meyer, KME Secretary Springfield, MO	BS 1939
Mrs. Nina B. (Breaseale) Pool Lees Summit, MO	BSE 1934
Ms. Helen H. (Hudgings) Small Ash Grove, MO	BSE 1931
Ms. Mildred L. (Lindsey) Smith Lyndhurst, OH	BSE 1932
Alberta Steward Carlsbad, NM	BSE 1935
Mr. Thomas J. Stottle Branson, MO	BSE 1936
Margery (English) Toalson Springfield, MO	AB 1933

Today's Alumni News

1983

W. Kent Ramsey writes from Lincoln, NE that he went to work for General Dynamics as an electronics engineer after graduation from SMSU. In 1987 he was promoted to Senior Electronics Engineer "largely as a result of (his) contributions to the Navy's request that we make a missile 'think it is flying when it is really sitting inside a building.'" He especially remembers two of his outstanding teachers, Dr. John Hatcher and Eddy Robinson, for stimulating independent thought in students.

1989

Dr. Mary Richardson is adjusting to life "up north" in St. Cloud, Minnesota. In addition to the Applied Probability and Simulation courses she teaches, she is looking forward to teaching a Statistical Consulting course in the Fall semester at St. Cloud State University where she is an Assistant Professor. She and her five students will be doing data analysis for companies in the St. Cloud area.

1991

Mark Gerke is the Director of Software Development for Shop at Home Network and Collectibles.com. He enjoys playing on 2 different softball teams and an outdoor volleyball league and looks forward to possibly visiting SMSU when he comes home this summer to visit his parents in Sedalia, Missouri.

Memorial

Edward Andalafte, UMSL Mathematics Professor
Former SMSU Professor, SMSU and Greenwood Alumnus

Edward Z. Andalafte, 64, of Normandy, Missouri died May 30, 2000 of an apparent heart attack. Professor Andalafte was born and raised in Springfield, Missouri where he graduated from Greenwood High School in 1953, earned a bachelor's degree from Southwest Missouri State College, did graduate study on a Fullbright scholarship at the University of Groningen, the Netherlands, and got a doctorate from the University of Missouri at Columbia. He taught mathematics at SMSU for a few years, and in 1964 began his life long teaching career at UMSL. Memorial gifts may be made in his name to: Memorial Fund to First Presbyterian Church of Ferguson or Edward Andalafte Memorial Fund in Mathematics and Computer Science at University of Missouri-St. Louis.



Ben Marlin received his PhD in Mathematics from UMR Summer 2000. His dissertation title is "Considerations of the Dynamics of the Poincare Map Acting on the Attractor of the Newton-Leipnik System." He is an assistant professor at Northwestern State University. Ben; his son, Curtis, Rob Jackson, and Shirley Huffman had dinner together to celebrate when Ben was in Springfield recently.

Today's Alumni News

1993

Michael Shephard is working as an Internal Software Programmer for Jack Henry and Associates in Springfield, Missouri. He was hired by Rob Jackson '89 who is Manager of IS projects at Jack Henry's.

Christine A. (Hixon) Smiley has changed employment to J.C. Penney Company, Inc. where she is Senior Project Manager in Customer Relationship Analysis.

Douglas L. Miller graduated from UMKS in 1996 with a law degree in taxation. He practices law with the firm of Hensley & Hensley in Raymore, Missouri, specializing in bankruptcy, business and taxation law.

1994

Chris (Lesinger) and Brett Emsley are happy to announce the arrival of their son, Connor William, born on December 11, 1999 at 9:32 p.m. at

Paula Graham is employed in the financial services branch of ALLTEL in Little Rock, Arkansas doing end user support, training, web design, computer support, database design and analysis. After working
Dustin Curtit and his wife, Natalie, have a new daughter named Claire, born November 13, 1999 in
1995

Tami and Dewayne Graham are the proud parents of Hayden Dewayne Graham, Born on June 6, 2000. David McWilliams is currently a mathematics lecturer at Missouri Western State College in St. Joseph.

1997

Welcome back to Michael Crosswhite and Casey Swadley who will be graduate assistants this fall. Casey will be commuting from her home in Waynesville, Missouri.

1999

Matthew Gravelin will be a graduate assistant in the Math Department at SMSU in the Fall.

Jagannatha Senesi is working for the Mathematics Department this summer as a mentor /tutor for a wide range of courses. He will continue his graduate assistantship at SMSU this Fall.

Marty Witt will be teaching high school mathematics at Bradleyville, Missouri.

Catherine (Cady) Bockwinkel will be teaching Spanish at Incarnate Word Academy in St. Louis in August.

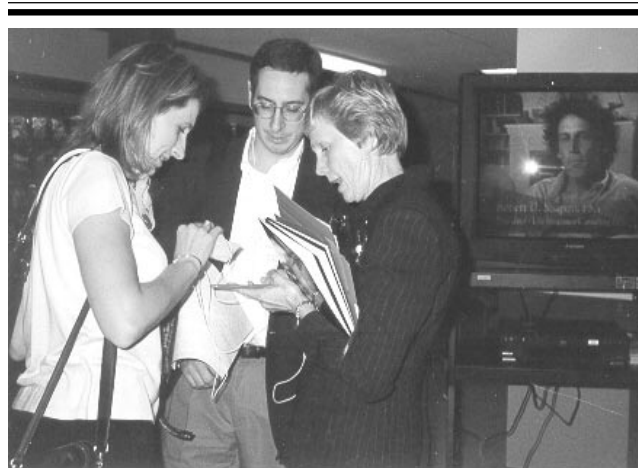
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Actuarial Information Day



James Juillerat, Dustin Gary, Jason Jennings, Shirley Huffman, Natalie Rekitke, Russell Creed, Melissa Quinn, Stephanie Kock, Jason Jennings, John Patton, Yungchen Cheng

On October 8, 1999, the Mathematics Department hosted an Actuarial Information Day for area college and high school students. Presenters included Greg Ostergren, President and CEO of American National Property & Casualty Company, and former SMSU mathematics students and graduates Russell Creed, Dustin Gary, Jason Jennings, James Juillerat, Melissa Quinn, and Natalie (Thurman) Rekitke, who are all employed by midwestern insurance companies.



Natalie Rekitke, Russell Creed, Shirley Huffman

Math Awareness Week Contest 2000



Yungchen Cheng, Robb Woodruff

Robb Woodruff of Springfield MO was the first person to answer all five questions correctly and hence is the winner of the TI-83 calculator. Edward Lee of Hong Kong and Susan Hoover of Houston TX also answered all five questions correctly.

For the answers and more information about Math Awareness Month go this address on our webpage: <http://math.smsu.edu/mamcontest.html>.

year 2000, we ask: what is the smallest perfect square that begins with the digits 2000.....?

5. This year's Math Awareness Month theme is "Math Spans All Dimensions". In that vein, our final question is about the fourth dimension. A three-dimensional cube has 8 vertices, 12 edges, and 6 two-dimensional faces. How many vertices, edges, two-dimensional, and three-dimensional faces does a four-dimensional cube have?

1. Who were the two co-discoverers of calculus?

2. Lewis Carroll, the author of Alice's Adventures in Wonderland and Through the Looking Glass, was also a professor of mathematics at Oxford University. What was Lewis Carroll's real name? Please give his first, middle, and last name.

3. A prime number is a whole number bigger than one that cannot be written as the product of two smaller whole numbers. For example, 15 is not prime since 15 is equal to 5 times 3. On the other hand, 11 is prime since it can only be factored as 1 times 11. Today's problem is to find the largest six-digit prime number.

4. A perfect square is a number that is the product of a whole number with itself. For example, 9 which is equal to 3 times 3 is a perfect square. As we celebrate Math Awareness Year in the

New Mathematics Student Organization Formed

A new student organization, Southwest Missouri Student Mathematics Teachers Organization, (SM)²TO, has been actively meeting to enhance interaction among elementary, middle school, and secondary preservice teachers: <http://math.smsu.edu/smsmtospeaker.html>.



Dr. Cheng's Spring 2000 MTH 497 class. LR Back: Matthew Gravelin, Jesse Hiatt, Dennis Gonzales, Brandon Foster, Sam Blisard, Dan Busenbarrick. LR Front: Kerry Madden, Rachel Netzer, Jenneifer Haskings, Renee Hudson, Rebecca Alexander.

Awards and Honors



*College of Natural and Applied Sciences
Outstanding Graduating Senior
Dan Busenbarrick*

**Mathematical Association
of America Student Chapter
1999-2000 Officers**

President: Sam Blisard
Vice-Pres: Nigel Cooney
Sponsor: Les Reid

1999-2000 GRADUATES

Bachelor of Science

Sam N. Blisard (Spring 2000) Cum Laude, Double Major, CSC.
Daniel Busenbarrick (Spring 2000) Double Major, Physics,
Summa Cum Laude Honors College/ Distinction in Physics.
Brandon Foster (Spring 2000) Magna Cum Laude
Angela Horton (Fall 1999) Summa Cum Laude Honors College.
Jagannatha Senesi (Summer 1999) Cum Laude.
Nikki D. Whitehead (Summer 1999)

Bachelor of Science in Education

Catherine Bockwinkel (Spring 2000) Double Major, Spanish
Summa Cum Laude Honors College
Matthew A. Gravelin (Spring 2000)
Laura M. Hunken (Spring 2000)
Toby Kite (Fall 1999) Cum Laude
Kara Shelly (Fall 1999) Cum Laude
Marty D. Witt (Summer 1999)
Jaime Wolfe (Fall 1999)

Master Of Science

Sylvia Carr (Spring 1999) (MSEd)
Bryan D. Chapman (Summer 2000)
Lisa Crosby (Summer 2000)
Jennifer Haskins (Summer 2000)
Lucille Marshall (Summer 2000)
Chris Mueller (Summer 2000)
Xuanvu Ong (Spring 2000)
Vincent Staggs (Summer 2000)



*Professor John Kubicek presents
KME Merit Award Winner
Sam Blizard*

**Kappa Mu Epsilon
1999-2000 Officers**

President: Sam Blisard
Vice-Pres: Rachel Netzer
Secretary: Erin Stewart
Treasurer: Sheri Puestow
Sponsor: John Kubicek

Freshman Mathematics Awards

Jessica Brockmeyer	Jacob A. Nelson
Matthew D. Clark	Brett A. Okken
Kyle M. Curtis	Bryan M. Penney
James G. Hayes	Dustin L. Prest
Daniel R. Kopsas	Anne M. Weber
Alexander T. McHale	



Nichole Gray, recipient Math Emeritus Professors Scholarship; Professors Emeritus E. Howard Matthews and David B. Lehmann



Andrea Stockman, recipient Ed Huffman Mathematics Scholarship; Professor Shirley Huffman

1999-2000 Scholarship Recipients

Alexander Cramer Memorial Scholarship -- Rachel Netzer.

Jim Downing Mathematics Scholarship -- Andrew Westmeyer.

Ed Huffman Mathematics Scholarship -- Andrea Stockman.

Carl Fronabarger Memorial Scholarship -- Blake Boldon.

Mathematics Department Scholarship -- Matthew Aton, Zachary Collard, Jeremiah Stoneman.

Math Emeritus Professors Scholarship-- Nichole Gray, Jackie McCush.*

Mathematics is Fun Scholarships -- Misty Granneman, Erin Lindstrom, Gary Oyler, Dustin Reuther.

Lawrence E. and Crystal Pummill Scholarships -- Rebecca Alexander, Abby Cossiboom, James Flinn, Tai Sun Jang

Louis O. and Minnie M. Smith Scholarships -- Lee Ann Duke, Brandon Heimsoth, Jesse Hiatt, Andrea Hurmence, Allison Ideker, Ethan Lund, Josie Madl, Steven Martz, Sarah Mason, Brian Michael, Sheri Puestow, Jeffrey Rice, Jessica Robinson, Erin Stewart, Aaron Wyssmann.

Thomas Shiflett Scholarship -- Rebekah Blauvelt

**Math Emeritus Professors -- Earl E. Bilyeu, David B. Lehmann, Samuel A. Lynch, E. Howard Matthews, E. Rebecca Matthews, Thomas L. Shiflett, William N. Sutherlin, Joe L. Wise.*

Other Awards

Brandon Foster and Gayla Hobbs each received actuarial/insurance scholarships from American National Property & Casualty Companies.

Jovanna Kellogge, Vice-President of Human Resources at American National Property & Casualty presents their new scholarship for Mathematics major/Actuary/Insurance minor.

Andrea Stockman received a Farmer's Insurance Group of Companies Scholarship.

Jeremiah Stoneman received a Missouri Insurance Education Scholarship, a W.H. Jr. and Earlene Coleman Scholarship, a Dr. Donald & Beula Neuhart Annual Insurance Scholarship (fall semester), and a \$1,000 scholarship from the National Association of Women in Insurance .



Shirley Huffman, Jovanna Kellogge, Dean Ronald R. Bottin

Faculty Fractals

1999 UNIVERSITY AWARDS

Dr. Wenxiong Chen
University Foundation Research Award

Dr. Woodrow Sun
University Teaching Award

Dr. Liang-Cheng Zhang
University Research Award

Dr. Lynda Plymate
University Service Award

1999 COLLEGE OF NATURAL AND APPLIED SCIENCES AWARDS

Excellence in Teaching

Dr. Paula Kemp
Dr. Kurt Killion
Dr. Kishor Shah

Excellence in Service

Dr. Larry Campbell
Dr. George Mathew

Welcome to Cheek Hall

This will be Dr. Paul's 25th year at SMSU. He has taught the mathematics methods course for the Mathematics Department for eight years. Dr. Paul earned his B.S. in Mathematics at Central Missouri State University, M.A.T. - Mathematics at Duke University, and his E.D.D. - Mathematics from the University of Kansas. He comes to the Mathematics Department from the Secondary Education Foundations and Educational Research Department in Hill Hall, where he became department head in 1984. He used an Apple IIE computer then. Sitting before his new self-contained iMac monitor, he says that technology has changed the definition of what mathematics is for the common person.

Some mathematics skills are not as needed as they were 30 years ago, but technology allows investigation into areas that were previously unavailable, such as statistical analysis, and even allows the element of invention found in fractal geometry.

Dr. Paul and his wife, Judy, have four children and two grandchildren. He enjoys spending time with his family walking, picnicking, and camping. A reader of political and historical non-fiction, he is a great admirer of historian Shelby Foote and feels that if he had not been a mathematician he might have been a U.S. Civil War historian.



Mathematics Educator, Dr. Clyde Paul

Travels

We enjoyed visiting with Sam Lynch, (Sam of Arabia), while he was home in Springfield on a short holiday break this spring.

Bill and Martha Sutherlin write from Seward, Alaska that they are enjoying God's "great land" and treasuring their days. In Mid-September they will head south to winter in Arizona or New Mexico.

Congratulations

Wenxiong Chen has been awarded a National Science Foundation grant for his project, "Nonlinear PDEs in Geometric Analysis."

New Mathematicians

Tristan Cawood Chapman was born to proud parents, Bryan and Scarlett Chapma, January 30, 2000.

Mahalie Lorine Stafford was born to proud parents, Gary and Pamela Stafford, February 7, 2000.

Puzzle Corner

New Puzzle

In the country of Arithmetopia, they use the arithmetic symbols $+$, \times , and $=$ in the usual way, but represent the numerical digits differently. They use the same symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 but in an entirely different order: for each digit, their symbol differs from the usual one.

Here are some correct equations written in the notation of Arithmetopia (surprisingly enough, they are also correct in the usual notation):

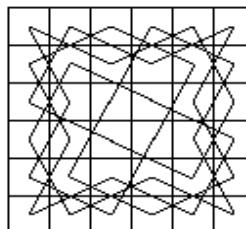
$$\begin{aligned} 4 \times 7 &= 28 \\ 5 \times 8 &= 40 \\ 4 \times 6 &= 24 \\ 1 + 4 + 6 + 7 + 7 &= 25 \end{aligned}$$

In Arithmetopia, what would they write as the answer to 2×302 ?

Source: Susan Denham

Last Issue's Puzzle

The knight's tour problem was solved by J.D. Beltz of St. Charles MO, Michael Byrd of Tulsa OK, Mark Gerke of Nashville TN, and Earl Patrick of Arlington TX. Here is one sequence of moves and the corresponding picture.



1 - 9 - 5 - 18 - 29 - 21
 - 13 - 2 - 10 - 6 - 17 -
 30 - 34 - 26 - 15 - 4 -
 12 - 23 - 19 - 28 - 32 -
 19 - 8 - 16 - 24 - 35 -
 27 - 31 - 20 - 7 - 3 - 11
 - 22 - 33 - 25 - 14 - 1

Mark Gerke gave a complete list of all 264 solutions. Michael Byrd asks what happens if we generalize to arbitrary $a \times b$ boards or to three dimensions ($a \times b \times c$ "boards") or to higher dimensions. Any thoughts on these questions?

Check out our problem corner on the web:
<http://math.smsu.edu/~les/POTW.html>

Send your solutions to: Les Reid, Department of Mathematics, SMSU, Springfield, MO 65804
 E-mail: Les@math.smsu.edu or
LesReid@mail.smsu.edu

2000 Master's Graduates

Bryan Chapman will be teaching mathematics full time at Ozark Technical College this Fall.

Jennifer Haskins will be a student in the Ph.D. program in Biostatistics at the University of North Carolina, Chapel Hill, NC this Fall.

Lucille Marshall accepted a graduate appointment in mathematics at the University of Missouri-Rolla and has been named a Chancellor's Fellow. She will be teaching College Algebra there in the Fall.

Chris Mueller is taking time off from academics to pursue his talents in the theater doing light production for professional and amateur venues.

Xuanvu Ong has been accepted into the Ph.D. program at University of Missouri-Columbia for Spring 2001.

Vincent Staggs will be studying in the Ph.D in Psychology program at University of Illinois, Champaign-Urbana.

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Ad Infinitum

The Newsletter of the Department of Mathematics
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Southwest Missouri State University is a community of people with respect for diversity and an Affirmative Action/Equal Opportunity employer. Inquiries should be addressed to Melissa Manning, Affirmative Action Officer, Office of Human Resources, 128 Carrington Hall, 901 South National Ave., Springfield, MO 65804; (417) 836-4252; mam419@mail.smsu.edu; URL: <http://www.smsu.edu/affirm.html>.

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