

Georgia Southern University

Department of Mathematics and Computer Science Newsletter



An In-House Publication for Faculty and Staff in Georgia Southern University's Department of Mathematics and Computer Science

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Editor: Lisa Yocco

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<http://www.cs.gasou.edu/newsletter/>

Announcements

Preparations are underway for the Thirteenth Annual **Georgia Southern University Mathematics Tournament** to be held Saturday, February 17, 2001. As the "old-timers" in the department are aware, the tournament is sponsored by the Mathematics and Computer Science Department and typically brings 800+ students in grades 6 - 12 to campus for the event. Every member of the department is expected to work on tournament day, so mark your calendars now!

Professional Activities

Ellen Fischer presented the talk "Math, WebCT and GSAMS" at the 1st Annual Georgia Distance Learning Association conference at Jekyll Island, Georgia on September 28, 2000.

Ellen Fischer presented the paper "Connecting Mathematics Students Using Video-compression and WebCT" at the Defense Acquisition University's "Beyond 2000 Excelling@ the Speed of Change" in Baltimore, MD on November 15, 2000. The DAU is the premier acquisition training institution for all branches of the military and their

three presenters invited from outside the military establishment.

Ellen Fischer presented the paper "Connecting Statistics Students Using WebCT" at the International Conference on Technology in Collegiate Mathematics in Atlanta, GA on November 17, 2000.

Yingkang Hu had the following two papers published this year. "Coprime polynomial approximation revisited", Y. K. Hu and X. M. Yu, Applied Mathematics Reviews, Vol. 1, pp.157-174, ed. by G. A. Anastassiou, World Scientific Publishers, 2000.

"On multivariate adaptive approximation", Y. K. Hu, K. A. Kopotun and X. M. Yu, Constructive Approximation, Vol. 16, pp.449-474, 2000.

Yingkang Hu had another two (joint) papers accepted by IEEE Transactions on Fuzzy Systems, and SIAM Journal on Numerical Analysis, respectively.

Yingkang Hu will take educational leave next semester for a sabbatical at the University of South Carolina at Columbia. He can still be reached at the address here (yhu@gasou.edu), of course.

civilian employees. She received a travel grant to attend and is one of only **Yingkang Hu** was invited to deliver a one-hour long talk in August at the Ninth International Colloquium on Numerical Analysis and Computer Sciences with Applications, Plovdiv, Bulgaria, and, through a separate invitation, gave an invited lecture at the Institute of Mathematics of the National Academy of Sciences of Ukraine, and the Taras Shevchenko National University, Kiev, Ukraine. Both of the talks were based on his recent work on modified adaptive algorithms.

Charles W. Champ attended the World Congress of Nonlinear Analysts, July 19-26, 2000, Catania, Italy, and presented a paper entitled "A Method for Deriving Integral Equations Useful in Control Chart Performance Analysis," coauthored with Dr. Steven E. Rigdon (Southern Illinois University at Edwardsville) and Mr. Kenneth A. Scharnagl (The Heritage Bank of Hinesville, Georgia). The paper has been accepted for publication in a special issue of *Nonlinear Analysis*.

Charles W. Champ attended the Joint Statistical Meetings of the American Statistical Association, the International Biometric Society (ENAR and WNAR), the Institute of Mathematical Statistics, and the Statistical Society of Canada, August 13-17, 2000, Indianapolis, Indiana. He presented a paper entitled "Derivation of Integral Equations Useful in the Performance Evaluation of Various Control Charts" coauthored with Dr. Steven E. Rigdon (Southern Illinois University at Edwardsville) and Mr. Kenneth A. Scharnagl (The Heritage Bank of Hinesville, Georgia). The paper will be published in the American Statistical Association 2000 Proceedings of the Section on Quality and Productivity.

Charles W. Champ attended the Science in Savannah Symposium: Bioinformatics: Unraveling the Secrets of Life, November 14-15, 2000, Armstrong Atlantic State University,

Resort, Hilton Head Island, South Carolina.

Dr. L. Allison Jones (University of Miami), **Dr. Charles W. Champ**, and Dr. Steven E. Rigdon (Southern Illinois University at Edwardsville) have a paper entitled "The Performance of Exponentially Weighted Moving Average Charts with Estimated Parameters" in press for *Technometrics*.

Susie Lanier attended the Georgia Mathematics Conference at Rock Eagle, GA, October 19 - 21, 2000. While at the conference, Susie assisted with registration, taught a line dancing class (with **Janet O'Brien**, **Donna Saye**, and **Don Brown**), and assisted with the annual 5K Fun Run.

Susie Lanier and **Sharon Barrs** gave a presentation on "Let's Play Plinko" at the Georgia Council of Teachers of Mathematics (GCTM) Georgia Mathematics Conference, October 19, 2000.

Snezhana Hristova presented a talk entitled "Approximate Methods for Impulsive Differential Equations" at Richard F. Barry Mathematics and Statistics Colloquium at Old Dominion University, Norfolk, Virginia, November 3, 2000.

Xiezhang Li attended the Seventh SIAM Conference on Applied Linear Algebra, sponsored by SIAM and the International Linear Algebra Society and gave the presentation, "A condition for the superiority of the (2,2)-step methods over the related Chebyshev method" (co-authored by Edward Arroyo). The Conference was held at the North Carolina State University, Raleigh, NC, October 23-26, 2000.

Dr. Sze-Man Ngai presented a talk for the University of Louisville Department of Mathematics

was seeking advice from outside experts on questions regarding the pharmacokinetics and efficacy, pharmacokinetics and safety, and potential drug interactions related to antiretroviral drugs, both in adult and pediatric populations.

Karl Peace chaired (and organized) the seventh annual Biopharmaceutical Applied Statistics Symposium (BASS) held 03-08 December, 2000 in Hilton Head. Twelve 1 1/2 hour tutorials, and 2 two-day short courses were provided by experts from academia, industry and government. All profits derived from BASS go toward providing funding for graduate fellowships in Biostatistics. In this regard, during the life of BASS, approximately \$250,000.00 has been raised for this purpose.

Dr. Anne Pierce had an article published entitled "Judgements about Computer Ethics: Do Individuals, Co-workers and Company Judgements Differ? Do Company Codes Make a Difference?" with John Henry in the *Journal of Business Ethics* (28): 307-322, 2000.

Dr. Anne Pierce attended the National Decision Sciences Institute in Orlando, Florida, in November. She was a discussant for one of the papers.

David Stone received the GSU Award for Excellence in Service: He gave a talk entitled talk "The x, y, z of Professional Service." The award carries a cash stipend and a free year's membership in the RAC. Dr. Stone's picture will be featured on the front of the Faculty Handbook.

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Savannah, Georgia.

Charles W. Champ attended the Seventh Annual Biopharmaceutical Applied Statistics Symposium, December 3-8, 2000, Hilton Oceanfront

David Stone received the COST Service Award last Spring.

Xiezhang Li had the paper titled "Comparison between the convergence rate of the Chebyshev method and the related (2,2)-step methods" published in the journal *Numerical Linear Algebra with Applications*, 7 (2000) pp.169-180.

Goran Lesaja was invited to the 8th International Conference on Operations Research KOI 2000, held in Rovinj, Croatia, September 27-29, 2000. The title of his invited lecture was "Development of Interior-Point Methods".

Gale Watson presented a session, "Arithmetic Sequences: Finding Patterns and Making Connections to Linear Functions" on October 19, at the Georgia Council of Teachers of Mathematics Conference held at Rock Eagle.

Colloquium Series entitled "Self-similar Measures and Dilation Equations" on November 10, 2000.

Karl Peace attended the Food and Drug Administration's Antiviral Drugs Advisory Committee Meeting Held 25 July, 2000 in Rockville, MD. **Gale Watson, Donna Saye, and Beth Burke** presented a session titled "Using Linked-Labs and Technology to Support Students in College Algebra" at the International Conference of Technology in Collegiate Mathematics in Atlanta on November 17. The session reported the results of their pilot study to Link two sessions of the 0091 lab with a section of the Math 1111 College Algebra course. The pilot was conducted in Spring 2000.

A paper, entitled "PCB-A Distributed Computing System in CORBA", written by **Chong-wei Xu** and **Bo He** (our graduate student in CS) has been published in the *Journal of Parallel and Distributed Computing* (60), pages 1293-1310, 2000.

Lisa Yocco and **Jane Cason** have received funding to host a Teachers Teaching with Technology Summer

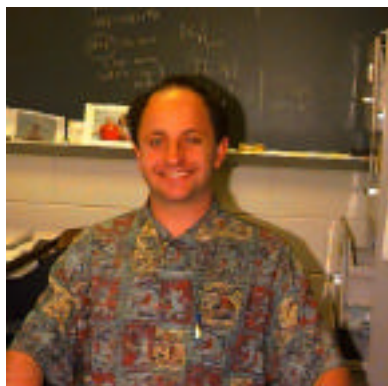
At its Summer Meeting at UCLA, the MAA Board of Governors elected **David Stone** to the MAA Nominating Committee, which is currently preparing a slate of nominees for MAA President, First Vice President and Second Vice President.

Institute "Advanced Algebra, Data, and Technology." More details will be forthcoming.

Lisa Yocco presented "A Reform Approach to College Algebra" at the International Conference on Technology in Collegiate Mathematics in Atlanta November 18, 2000.

Lisa Yocco, along with co-authors Ron Harshbarger and Iris Fetta, have five textbooks in a precalculus series under contract with Addison-Wesley Publishing Company: College Algebra Concepts, College Algebra, Trigonometry, College Algebra and Trigonometry, and Precalculus, with publication dates beginning in 2002; and Finite Mathematics: An Applied Modeling Approach, under contract with Houghton Mifflin Publishing Company to be published in 2002.

New Faculty

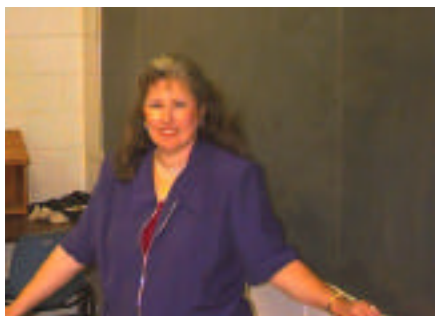


Dr. Steven Damelin is Assistant Professor of Mathematics and Computer Science. Originally from Johannesburg South Africa, Dr. Damelin comes to GSU from Penn State University. Dr. Damelin received a Bachelor of Science (1991), Master of Science (1993), and Ph.D. (1996) from the University of Witwatersrand. all with distinction. Before joining our department, Dr. Damelin was a Lecturer at the University of Witwatersrand, Johannesburg; and Visiting Assistant Professor at the University of South Florida, Katholieke Universiteit, Leuven, Belgium, and Penn State University. His professional interests include Approximation Theory, Orthogonal Polynomials, Numerical and Complex Analysis, also Random Matrix Theory, Fuzzy Logic and Applied Linear Algebra. This semester Dr. Damelin has been finishing two papers on quadrature on the sphere with Garry Mullen (PSU) and Peter Grabner (Graz). He attended a SIAM conference on Applied Linear Algebra, gave an invited colloquium talk at

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the University of South Carolina and at Purdue in Indianapolis, and gave a colloquium talk in our department. He established and has been running the Analysis seminar in our department. He also attended three workshops on teaching organized by the Provost and the Center for Excellence in teaching. In addition, Dr. Damelin has had several papers refereed, submitted, and accepted. He and his wife Sara live in Savannah. They have two children: Ora, 23 months, and Gabriel 5 months. His personal interests include his family (of course), music, and Walt Disney movies. He states that his two year old daughter told him that she was going to vote for Al Gore.

Bridgett Holland is Instructor of Mathematics and joins our department from Metter High School, where she taught mathematics for five years. She also taught at Toombs County High School for one year. She received a Bachelor of Science in Education and a Master of Science in Education from Georgia Southern University in 1994 and 2000. Her special interests include collecting antiques, traveling, and shopping. She is partial to cats, both real and “un”real, and she has a beautiful Russian Blue cat named Princess.

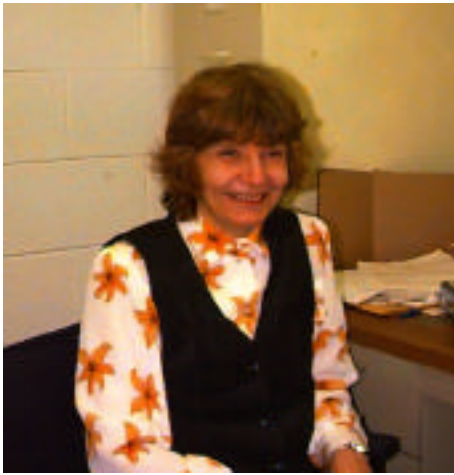


Lynne Groover is Instructor of Mathematics and Learning Support. She is originally from South Georgia (Tifton and Douglas), and most recently she was a part-time instructor at Kennesaw State University. She received an Associate of Arts degree from Abraham Baldwin Agricultural College in 1978, and a Bachelor of Science in Education and a Master of Science in Education from Georgia Southern University in 1980 and 1982. She and her husband Al, a minister, have two children: Jonathan, age 10, and Megan, age 8. She enjoys working with the youth at her church, and she directs youth choirs and teaches youth fellowship class.



Dr. Jim Harris is Associate Professor of Computer Science. He is originally from Buffalo, New York, and received a Ph.D. in Mathematics from University of Alabama in 1983, and a Master of Science in Computer Science from University of South Carolina in 1989. Dr. Harris previously worked at Frances Marion University, Heritage Digital, UNC Pembroke, Coker College, and Susquehanna University. He has attended the ACM Southeastern Conference where he presented a paper, “Gereatins Coefficient of Representation Polynomials.” Also he attended the Consortium for Computing in Small College Conference and presented a paper entitled “CSI: Where is Visual basic?” He and his wife Lisa, a nurse, have three children: Jimmy, age 6, Kelly, age 10, and Matthew, age 12. In his spare time, Dr. Harris enjoys basketball.

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Dr. Snezhana Hristova is Visiting Associate Professor of Mathematics and Computer Science. Originally from Bulgaria, she received a B.S. in Mathematical Sciences from Sofia University, Bulgaria, in 1974; M.S. in Mathematics from Sofia University, Bulgaria, in 1976; and Ph.D. in Mathematics from Sofia University, Bulgaria, in 1987. Prior to joining our department, Dr. Hristova was Associate Professor in the Dept. of Applied Mathematics and Modeling at Plovdiv University, Bulgaria. From 1993 to 1999 she was Assistant Professor in the Department of Computational Mathematics, Associate Professor in the Department of Probability and Statistics, and Head of the Department of Probability and Statistics at Plovdiv University, Bulgaria. Her professional interests include Ordinary Differential Equations, Functional-differential Equations, Integro-differential Equations, Impulsive Differential Equations, Hybrid Differential Equations: Qualitative Theory, Stability Theory, Approximation Theory, Differential and Integral Inequalities, Applications: piecewise continuous mathematical models in population dynamics, medical epidemiology, laser dynamics. She and her husband Dimitar Kraev have two children: George Kraev, 19 years, and Tony Kraeva, 14 years. Her personal interests include sewing, music, and walking.

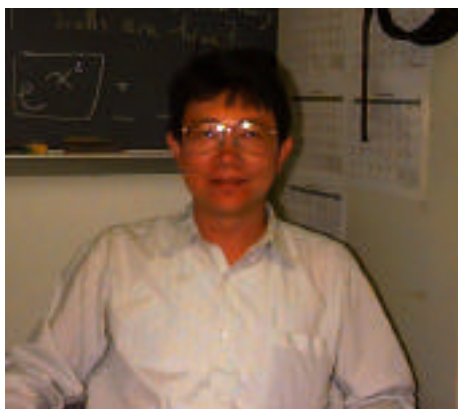


Robert Marsh is Instructor of Mathematics and joins our department from Commonwealth Edison, Power Plants in Illinois. He received a Bachelor of Nuclear Engineering and a Master of Nuclear Engineering from Georgia Tech in 1989 and 1990. His previous jobs include Engineer, Rig Engineer (Maintenance Supervisor on an oil rig), Industrial Electrician, Field Service Technician, and Electronics Technician. He is currently doing research in internet purchasing behavior and attitudes. He and his wife Marie, a student, have one child, Forrest, age 30.



Dr. Billür Kaymakçalan is Visiting Associate Professor of Mathematics and Computer Science. Originally from Turkey, she joins our department from the Department of Mathematics of the Middle East Technical University in Ankara-Turkey where she was Associate Professor. She received a B.S. and M.Sc. from Middle East Technical University in 1982 and 1988, and a Ph.D. from Florida Institute of Technology in 1993. Dr. Kaymakçalan was a teaching assistant at Middle East Technical University from 1985 to 1990 and a graduate assistant at Florida Institute of Technology from 1990 to 1993. Her scholarship interests include dynamic systems on time scales (measure chains), difference equations, stability theory, oscillation, and differential-difference inequalities. Her personal interests include interior and jewelry design; handicrafts; listening to classical, folk and native music of various countries; watching soccer games; and doing all of the above with her 13-year old daughter Gizem.

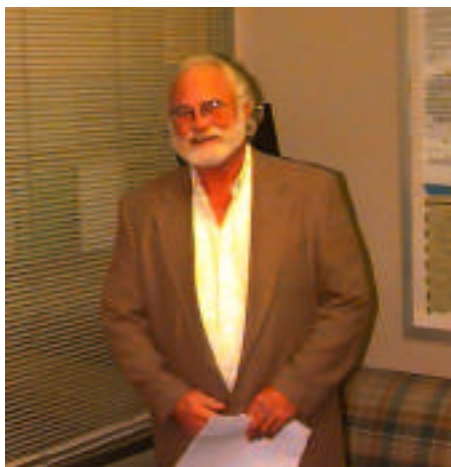
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Dr. Sze-man Ngai is Assistant Professor of Mathematics and Computer Science. Originally from Hong Kong, China, Dr. Ngai received a Bachelor of Science degree from University of Hong Kong in 1987, a Master of Arts from University of Pittsburgh in 1989, and Ph.D. from University of Pittsburgh in 1995. Dr. Ngai began his teaching career as an instructor at the Chinese University of Hong Kong in 1995. From 1996 to 1997 he was a Postdoctoral Fellow at the Chinese University of Hong Kong, and during the past two years he was a Visiting Assistant Professor at both Cornell University and Georgia Tech. His interests include the geometry of fractal sets and the analysis of fractal measures, the interactions among fractals, dilation equations, and tilings. He and his wife Mercy have two children, Stanley, age 5, and Beverly, age 3. His personal interests include running, walking, and exercise. He would like the department to know that he is interested in finding people within the department with whom he can share his research interests.



Dr. Broderick Oluyede is Temporary Assistant Professor of Mathematics and Computer Science. Prior to coming to Georgia Southern University, Dr. Oluyede was a faculty member at Georgia State University, The University of Georgia and more recently Oklahoma State University where he was Visiting Assistant Professor in the Department of Statistics. He received a B.S. in Statistics and Mathematics from the University of Ilorin in 1981, M.A. in Mathematics from Bowling Green State University in 1987, and a Ph.D. in Mathematics from Bowling Green State University in 1991. His scholarship interests include Categorical Data Analysis, Multivariate Analysis, Order Restricted Inference, Survival Analysis, Biostatistics, Reliability, Statistical Computing and Stochastic Inequalities. His personal interests include tennis and jogging.



Dr. Karl E. Peace is Senior Research Scientist and Director of the Center for Biostatistics at Georgia Southern University. Originally from Baker County, Georgia, Dr. Peace received a Bachelor of Science in Chemistry from Georgia Southern College in 1963, a Master of Science in Mathematics from Clemson University in 1964, a Health Science Certificate from Vanderbilt University in 1974, and a Ph. D. from Medical College of Virginia in 1976. He is the CSO and CEO of Biopharmaceutical Research Consultants, Incorporated, in Ann Arbor, Michigan. Previously, Dr. Peace served in the following positions: Vice-President of Technical Operation for Parke-Davis/Warnner Lambert; Senior Director of GI Clinical Studies, Data Management, and Analysis for G.D. Searle; Director of Statistical Services for SmithKline and French Labs. His hobbies include collecting antique and classical cars, collecting stamps, gardening, all sports, music, carpentry, cooking, writing, poetry. He also enjoys professional meetings, presentations, teaching, and philanthropy. He was the founding editor of the Journal of Biopharmaceutical Statistics and the founder and Chair of Biopharmaceutical Applied Statistics Symposium.

He has given over 100 presentations and 40 workshops at professional and scientific meetings regarding statistical aspects of pharmaceutical research and design. Dr. Peace has organized and moderated approximately 100 sessions at professional meetings. He and his wife, Jiann-Ping Hsu, have a 24 year old son named Christopher. Dr. Peace likes to bring beauty,

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structure, organization, harmony, and connectedness to most things in which these attributes are absent. "Apart from that," he says, "I am just a poor, dumb ol' sharecropping plowboy from Southwest Georgia, barely eking out a living."



Dr. Matthew Schuette is Assistant Professor of Mathematics and Computer Science. He is originally from Decatur, Illinois, and joins our department from the Graduate School of the University of Iowa, Iowa City, Iowa. He received a Bachelor of Science and a Master of Arts in Mathematics from Northeast Missouri State University in 1992 and 1994. He received a Ph.D. in Applied Mathematics and Computational Sciences from the University of Iowa in 2000. Dr. Schuette attended the IMA Workshop on Mathematical Approaches for Emerging and Reemerging Infectious Diseases at the University of Minnesota in 1999; the DIMS Workshop on Mathematical Epidemiology at the University of British Columbia in 1999; Reform Calculus with Mathematica, a three-week training course for graduate assistants at the University of Iowa in 1999; and the Bioinformation Symposium at Armstrong Atlantic State University in 2000. His special interests include reading sci-fi, fantasy,

mystery action, science and technology books; video games; bicycling; softball; and Frisbee golf. Dr. Schuette states that it is great to be here in such a friendly, constructive environment. He and his wife Kathleen are happy to be in Georgia, away from the upper Midwest bitterly cold winters (but oh, those gnats!).

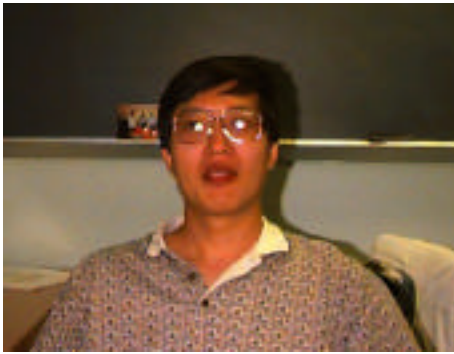


Dr. Mekki Terbeche is Assistant Professor of Mathematics and Computer Science. Originally from Algeria, Dr. Terbeche has most recently been pursuing a Ph. D. in Statistics at the Florida Institute of Technology, where he will be defending his dissertation on December 7. Dr. Terbeche received a Bachelor of Science and a Master of Science in Mathematics from the Institute of Mathematics, Oran University, Algeria, in 1975 and 1976. He received a Ph. D. in Mathematics from the University of Sciences and Techniques of Lille, France, in 1980. Previously, Dr. Terbeche was Head of Mathematical Sciences Institute at Oran Institute, Oran University, Algeria, as well as Associate Professor of Mathematical Sciences at Oran Institute. He has been active with the Faculty Senate and was responsible for graduate studies in mathematics. Dr. Terbeche states that he loves to teach mathematics and do research in mathematics and statistics. His personal interests include walking, playing European hand-ball, watching basketball games, traveling, and collecting stamps. He has attended many conferences in USA, Poland,

Algeria, France, Belgium, and Morocco. He is a member of international examination committees to evaluate M.S. theses and Ph.D. dissertations in partial differential equations. He has established a curriculum for the Master's program in functional analysis and partial differential equations as well as a Bachelor's degree program in mathematics in Algeria. Dr. Terbeche states that he likes this department, and he would like to share with the faculty his interests of teaching and research in statistics and differential equations.

Dr. Liencheng Wang is Assistant Professor of Mathematics and Computer Science and is originally from People's Republic of China. He received a Bachelor of Science and a Master of Science from Jilin University of Technology, China, in 1984 and 1989, and a Ph.D. from Mississippi State University in 2000. From 1996 to 2000, Dr. Wang was a Teaching Assistant at Mississippi State University, and from 1984 to 1995, he was an Assistant Professor/Lecturer at Jilin University of Technology in China. His professional interests include Differential Equations and Mathematical

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Biology. Dr. Wang gave an invited presentation at the 24th Annual Meeting of the SIAM Southeastern Atlantic Section, University of Georgia, March 2000. He also gave an invited talk at the Third International Conference on Dynamical Systems and Application, Morehouse College, May 1999. He and his wife Shumei Li have one daughter, Jennifer Wang, age 12. His personal interests include playing table tennis and watching NBA basketball.



Dr. Yan Wu is Assistant Professor of Mathematics and Computer Science. He received a B.S. in Mathematics and Computer Science from Beijing Polytechnique University in 1992, an M.S. in Applied Mathematics from the University of Akron in 1996, and a Ph.D. in Electrical Engineering and Applied Mathematics from the University of Akron in 2000. His scholarship interests include control system theory, signal processing, wavelets, time-varying systems, and differential-algebraic equations. His personal interests include watching the Cleveland Indians baseball, ping-pong, golf, and watching CNN world news.

Colloquia and Seminars

Thanks to all of our guest speakers and faculty members who presented during the Fall Semester!

Speakers of the Lecture Series

Dr. Karl E. Peace

Lecture Series in Biostatistics:

An overview of the Regulation of Pharmaceuticals; The processes of Pharmaceutical Research and Development and attendant biostatistical methods; Biostatistical Aspects of Clinical Drug Development; Assessing bioavailability and bioequivalence of pharmaceutical Compounds; Biostatistical aspects of the development of drugs to treat Alzheimer's Disease, drugs to treat panic disorder, and drugs for the prevention of NSAID induced gastric ulceration

Department Colloquia Speakers

Dr. Steve Damelin

Uniform Boundedness Of The Weighted Hilbert Transform
On The Real Line And Its Applications

Dr. Xiezhong Li

Comparison Between The Convergence Rate Of The
Chebyshev Method And The Related (2,2)-Step Methods

Dr. Broderick Oluyede

Length Biased Inequalities And Stochastic Comparisons Of
Ageing And Reliability Measures

Dr. Billur Kaymakçalan

Opial Inequalities on Time Scales and Some Applications.

Dr. Matt Schuette

A Model for the Transmission of the Varicella-Zoster Virus

Dr. James Harris

Compressing Streaming Video Images Using Weighted
Finite Automata

Dr. Sze-Man Ngai

A Dichotomy for Self-similar Measures

Dr. Liancheng Wang

On The Zeros Of A Third Degree Exponential Polynomial
With Applications To An Epidemiological Model With
Delay

Dr. Snezhana Hristova

Method Of Quasilinearization For The Periodic Boundary
Value Problem For Impulsive Differential-Difference
Equations

Guest Speakers

**Dr. Robert Taylor, Department of Statistics,
University of Georgia**

A Survey Talk On Limit Theorems For Negatively
Dependent Random Variables

**Drs. V. Lakshmikantham and S. Koksal,
Department of Mathematical Science,
Florida Institute of Technology**

Monotone Iterations and Rapid Convergence

Speakers of Analysis Seminars

Dr. Martha Abell

Dr. Jacalyn Huband

Dr. Bruce McLean

Ms. Angel Abney

Dr. Billur Kaymakcalan (twice)

Dr. Liencheng Wang

Dr. Stephen Damelin

Dr. Goran Lesaja (twice)

Dr. Yan Wu

Dr. John Davenport

Thanks to all who sponsored our speakers and those who attended the presentations!

Ribbon Cutting Ceremony for MPP Addition

A Ribbon Cutting Ceremony for the Addition to the Mathematics, Psychology, and Physics Building was held November 27, 2000. Special remarks were made by State Representative Terry Coleman. A reception and Open House followed the ribbon cutting.

MAA Student Chapter News

The MAA Student Chapter has met several times during the semester. This year's officers are: Elizabeth Carver, President; Billy Jackson, Vice President; Joy Carr, Secretary; Richard Kilburn, Treasurer; and Jacob Warren, Webmaster/ Historian. So far this year, Pat Humphey, David Stone, Jackie Huband, and Martha Abell have made presentations to the group on topics ranging from

probability and statistics to differential equations. Next semester, we look forward to hearing from Susie Lanier and Sharon Barrs about the mathematical analysis of the "Plinko" game from "The Price is Right" TV show. We welcome any of our faculty members to give presentations. Just contact Martha Abell or Jackie Huband (who has graciously agreed to assist with organizing the group activities for this year).

HAPPY BIRTHDAY

August		Charles Champ	22	December	
Donna Saye	14	Martha Abell	28	Jim Braselton	1
Carol Nessmith	23	October		Mike Dowell	4
Lisa Yocco	28	Jim Harris	3	Ellen Fischer	9
David Stone	30	Edward Arroyo	7	Rick Hathaway	11
		Alfred Schneider	20	Janet O'Brien	18
September		Xiezhang Li	20	Lori Braselton	16
Don Brown	2	Patricia Humphrey	28	Lila Roberts	21
Bruce McLean	7			Sharon Barrs	21
Jane Cason	9	November		Debbie Evans	24
Sharon Taylor	17	John Davenport	1	Mary Sikes	25
Bill Meisel	19	Steven Damelin	1	Fangjun Arroyo	29
Sandra Ellwood	20	Gary Huband	3	Eric Funasaki	31
Don Fausett	20	Liencheng Wang	9		
David Moody	20	Debbie Stapleton	27		