

Department of Statistics Newsletter



PURDUE UNIVERSITY

Fall 2003

A Message from our Department Head	2
New School of Science Dean	3
2002-2003 Traveling Speakers	3
Department News	6
New Faculty Fall 2003	7
Visitors Fall 2003	7
Memorial Lectures	14
Student News	14
Recent Graduates	20
News from the GSO	22
Alumni News	24
2003 Distinguished Alumni Award	24
Gifts to the Department	26
New Student Pizza Party and Mixer	27
Statistics Department Annual Picnic	28
Annual Holiday Party	28
Department E-Mail Addresses	29
Scenes from Campus	30

*The Statistics Department Newsletter is now on our web page at:
<http://www.stat.purdue.edu>*

PURDUE
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A Message from the Department Head



Dear Alums and Friends:

This summer the Department held the Seventh Purdue International Symposium on Statistics carrying on a tradition of bringing outstanding researchers in the statistical sciences to the Purdue campus. The conference of exciting lectures and workshops lasted nearly a week (June 19-24, 2003). It was dedicated to the memory of Shanti Gupta who led the original six symposia starting with the first one in 1970. It included a tutorial on microarrays, a workshop on bioinformatics and microarrays, a workshop on multiple comparisons and mixture models for large data sets, a workshop on statistical consultancy and a conference on statistical decision theory and related topics.

The summer capped the end of the first academic year of leadership of the new Dean for the School of Science, Jeff Vitter. He presided over a faculty recruiting season that would ultimately bring five new faculty to the department for the coming academic year. The four new assistant professors are Jiashun Jin from Stanford University, Mihails Levins from

University of Pennsylvania, Jongwoo Song from The University of Chicago and Jing Wu from University of Southern California, Los Angeles, to the department for Fall 2003 as well as the full professor William Cleveland from Bell Labs for Spring 2004.

The number of graduate students grew to about 100 for Fall 2003 and fortunately we found room for all the new faculty and students. The offices in the Mathematical Sciences Building (MATH) were vacated by the former Purdue University Computing Center (PUCC), now called Information Technology at Purdue (ITaP). After a great deal of reshuffling in the MATH building, there is room to house the new faculty and graduate students. It is good exercise to walk around the Department since you have to go to the Ground Floor, the Second Floor, the Fourth Floor, the Fifth Floor and the Tenth Floor of MATH!

Professor Stephen Samuels assumed the title Emeritus Professor this past year and we still have the pleasure of his company (although less regularly) in MATH and by email.

A part of the newsletter that is most enjoyable for all of us is the section Alumni News and we are most grateful to those who send updates about other alums as well as themselves.

Thank you for your support and best wishes to you,

Regards,

A handwritten signature in cursive script that reads "Mary Ellen Bock".

Mary Ellen Bock



New School of Science Dean

Jeffrey S. Vitter is the Frederick L. Hovde Dean of the School of Science and Professor of Computer Science at Purdue University in West Lafayette, Indiana.

From 1993 to 2002, Dr. Vitter was the Gilbert, Louis, and Edward Lehrman Professor of Computer Science at Duke University in Durham, North Carolina. He served as Chair of the Department of Computer Science at Duke from 1993-2001 and as Co-Director and a Founding Member of Duke's Center for Geometric and Biological Computing from 1997-2002. Previously, he was on the faculty at Brown University in Providence, Rhode Island, with a B.S. with highest honors in Mathematics from the University of Notre Dame, a Ph.D. in Computer Science from Stanford University in Stanford and an M.B.A. from the Fuqua School of Business at Duke University.



Dr. Vitter sits on the Board of Directors of the Computing Research Association, where he co-chairs the Government Affairs Committee.

Dr. Vitter has been named a Guggenheim Foundation Fellow, a Fellow of the Association for Computing Machinery, a Fellow of the Institute of Electrical and Electronics Engineers, a National Science Foundation Presidential Young Investigator, a Fulbright Scholar, and an IBM Faculty Development Awardee. He coauthored the books *Design and Analysis of Coalesced Hashing* (Oxford University Press) and *Efficient Algorithms for MPEG Video Compression* (Wiley

& Sons), coedited the collections *External Memory Algorithms* and *Algorithm Engineering*, and hold patents in the areas of external sorting, prediction, and approximate data structures.

2002-03 Traveling Speakers

Michael Black, Purdue University, "Statistical Issues in the Design and Analysis of Spotted Microarray Experiments", August 22, 2002.

Peter Thompson, Wabash College, "Almost-Binomial Approximation of the Poisson-Binomial Distribution", August 29, 2002.

Lillian Rosa, Affymetrix, "New Statistical Algorithms for Monitoring Gene Expression on GeneChip Probe Arrays", September 10, 2002.

Sallie Keller-McNulty, Los Alamos National Laboratory, "Los Alamos National Laboratory and Reliability for the 21st Century", September 12, 2002.

Dina St. Clair, University of California, Davis, "Dissection of Quantitative Traits in Plants: from QTL Mapping to Functional Genomics Approaches", September 24, 2002.

James O'Malley, Harvard University, "Historical Controlled Medical Device Clinical Trials: Design, Analysis, and Communicating with the FDA and Industry", September 26, 2002.

Hernando Ombao, University of Illinois at Urbana-Champaign, "The SLEX Analysis of Non-Stationary Time Series", October 3, 2002.

2002-03 Traveling Speakers

William Browning, Applied Mathematics, Inc., “Some Applications of Mathematics in Industry”, October 16, 2002.

Pat McDonald, New College, Florida, “Brownian Motion, Dirichlet Spectrum and Heat Content”, October 16, 2002.

Jacqueline M. Hughes-Oliver, North Carolina State University, “Pooling Experiments for High Throughput Screening in Drug Discovery”, October 18, 2002.

Sarat Dass, Michigan State University, “Edge Detection, Spatial Smoothing and Image Reconstruction with Partially Observed Multivariate Data”, October 24, 2002.

Henry U. Bryant and Jude E. Onyia, Eli Lilly and Company, “Osteoporosis: Therapies and Use of Array Technology to Understand Mechanisms”, October 29, 2002.

J. V. Deshpande, Ohio State University, “Unconditional Tests for Models of Repairable Systems”, October 31, 2002.

Russell Lyons, Indiana University and Georgia Tech, “Stationary Determinantal Processes (Fermionic Lattice Gases)”, November 4, 2002.

John Jurrell, Indiana Proteomics Consortium, “The Indiana Proteomics Consortium:

A Focused, Collaborative Approach to the Development of New Proteomics Tools”, November, 15, 2002.

Joel Bader, CuraGen, “Systems-Level Computational Analysis of the Genome, the Transcriptome, and the Proteome”, November 12, 2002.

Murray Clayton, University of Wisconsin, Madison, “Challenges in Detecting Spatial Clustering of Disease”, November 15, 2002.

Ann Hess, Colorado State University, “Microarray Experiments: Before and After the Fold Change Calculation”, November 19, 2002.

Jang-Mei Wu, University of Illinois, Urbana-Champaign, “p-Harmonic Measure and Fatou Theorem on Trees”, November 18, 2002.

Petruta Caragea, University of North Carolina at Chapel Hill, “Approximate Likelihoods for Spatial Processes,” January 21, 2003.

Michael Levins, University of Pennsylvania, “A New Local Variance Estimator for Nonparametric Regression”, January 23, 2003.

Steve Smith, Bioinformatics, NimbleGen Systems, “MicroArrays from Micromirrors - The Key to Iterative Experi-

mental Redesign”, January 28, 2003.

Takaki Hayashi, Columbia University, “Evaluating Hedging Errors: An Asymptotic Approach”, January 31, 2002.

Wesley O. Johnson, University of California, Davis, “Semiparametric AFT Models for Survival Data”, February 7, 2003.

Jessica Utts, University of California, Davis, “Learning Introductory Statistics: An Experiment Comparing Online and In Class Instruction”, February 6, 2003.

Chuanhai Liu, Bell Laboratories, Lucent Technologies, “Alternating Subspace-Spanning Resampling to Accelerate Markov Chain Monte Carlo Simulation”, February 7, 2003.

Jing Wu, University of California, Santa Cruz, “Computational Genefinding: Probabilistic Models and Statistical Methods”, February 10, 2003.

Yaozhong Hu, University of Kansas, “Long Memory Stochastic Volatility”, February 21, 2003.

Amy Anderson, University of Washington, “Gene Mapping on a Pedigree of Inbred Lines”, February 25, 2003.

2002-03 Traveling Speakers (cont.)

Srdjan Stojanovic, University of Cincinnati, “Optimal Momentum Hedging via Hypoelliptic Reduced Monge-Ampere PDEs and a New Paradigm for Pricing Options”, February 28, 2003.

Pedro Mendez, University of Utah, “An Isoperimetric Inequality for Riesz Capacities and Hitting Times of Symmetric Stable Processes”, February 24, 2003.

Jeffrey Russell, University of Chicago, “Analysis of High-Frequency Data”, February 25, 2003.

Uri Keich, University of California, San Diego, “On Designing Seeds for Similarity Search in Genomic DNA”, March 3, 2003.

Jonathan Arnold, University of Georgia, “Computing Life”, March 4, 2003.

Kiseop Lee, University of Louisville, “Hedging Claims with Feedback Jumps in the Price Process”, March 6, 2003.

Marta Wayne, University of Florida, “Combining Mapping and Arraying: A Novel Approach to Candidate Gene Identification”, March 11, 2003.

John Gardenier, CDC/National Center for Health Statistics, “In Search of Best Statistical Practices in Research”, March 12, 2003.

Per Mykland, University of Chicago, “Statistical Trading of Options”, March 14, 2003.

Jiyeon Suh, University of Illinois at Champaign Urbana, “A Sharp Weak Type of Inequality for Martingale Transforms”, March 24, 2003.

Jun Liu, Harvard University, “From Polymer Simulation to Counting Zero-One Tables”, March 27, 2003.

Jan Wehr, The University of Arizona, “Central Limit Theorems: From Pascal’s Gambling Escapades to Conductivity of Disordered Systems”, March 1, 2003.

Nathan Springer, University of Wisconsin, “Applications of Oligonucleotide Microarrays for Functional Genomics in Maize”, April 2, 2003.

Aarti Sriram, Booz Allen Hamilton, “Thinking About a Career in Statistics: What Does the Industry Expect You to Know?”, April 4, 2003.

Jaksa Cvitanic, University of Southern California, “Revisiting Treynor and Black (1973): An Intertemporal Model of Active Portfolio Management”, April 3, 2003.

Rene Carmona, Princeton University, “Multiple Stopping and Options with Multiple American Exercises”, April 3, 2003.

Jianfeng Zhang, University of Minnesota, “On the Sharp Rate of Numerical Methods for Degenerate ODEs”, April 3, 2003.

Philip Protter, Cornell University, “Modeling Credit Risk with Partial Information”, April 3, 2003.

Alexander Gnedin, University of Utrecht, “Stick-Breaking Composition Structures”, April 7, 2003.

Shankar Subramanian, University of California, San Diego and the Salk Institute of Biological Studies, Purdue University, “Systems Biology: Windows into Tracellular Networks”, April 15, 2003.

William S. Cleveland, Bell Labs, “Statistical Multiplexing: Math and Stat Take Over the Internet”, April 23, 2003.

Roger Berger, North Carolina State University and National Science Foundation, “The Exact Size of the Chi Squared Test for Comparing Two Binomial Proportions”, April 25, 2003.

Department News (cont.)

Of Special Note



Bruce Craig was elected to the Eastern North American Region (ENAR) Regional Committee. The ENAR RECOM consists of the Regional Presidents (past, current, president-elect), Secretary, Treasurer, and six ordinary members who are elected by the Society to serve three-year terms. The regional committee is responsible for oversight of the affairs of the region and convenes at the Annual Regional meeting and any other meeting that is sponsored or co-sponsored by ENAR. His term will begin in January 2004 and extend through December 2006. He is also on the 2004 ENAR Program Committee for the upcoming annual meeting in Pittsburgh on March 28-31, 2004.



Rebecca Doerge has been promoted to Professor of Statistics.



Jayanta Ghosh - Springer-Verlag has published a book with R. V. Ramamoorthi, "Bayesian Nonparametrics". The book grew out of a course on Bayesian Asymptotics given at Purdue in 1994.

Professor Ghosh also gave the Mahalanobis Lecture at the annual meeting of the West Bengal Council of Science and Technology, a forum supported by the state government. This is the first time he has spoken on science in Bengali, his mother tongue and a language spoken by the seventh largest group of people in the world. The subject was scientific developments in the first two decades of this century as seen by a statistician.



Congratulations to **David Moore** for being included in the Top Ten Outstanding Teachers for 2002-03 in the School of Science. This is an honor bestowed by the juniors and seniors in the School of Science.

Professor Moore was also awarded with an International Statistical Institute (ISI) Service Certificate. The prize is a token of the ISI's appreciation of the many years of service 'above and beyond the call of duty' that he has made to the association. The criteria for potential recipients include service over an extended period of time and in a variety of leadership roles (or exceptionally for distinguished service in one capacity for a truly abnormal length of time) include, but not limited to, official posi-

Department News (cont.)

tions in the ISI, its Committees and Sections, editorial roles, organization of the biennial conference or Section conferences and representing the ISI on external bodies.



Frederi Viens has been promoted to Associate Professor of Statistics.

Joining the Department in August 2003

New Faculty

Assistant Professor of Statistics

Jiashun Jin - Dr. Jin received his Ph.D. in 2003 from Stanford University. His research interests include Theory: Multiple Comparisons, Asymptotic Decision Theory, Wavelets; Applications: Genomics, Functional MRI, Astronomy.

Assistant Professor of Statistics

Mihails Levins - Dr. Levins received his Ph.D. in 2003 from The Wharton School, University of Pennsylvania. His research interests include Non-parametric Regression, Density Estimation, Applications of Nonparametric Statistics in Financial Economics, Marketing and Operations Research.

Assistant Professor of Statistics

Jongwoo Song - Dr. Song received his Ph.D. in 2003 from The University of Chicago. His research interests include Statistical Genetics, Microarray Data Analysis, Image Recognition, Numerical techniques for large data sets.

Assistant Professor of Statistics

Jing Wu - Dr. Wu is a post-doc fellow, Howard Hughes Medical Institute, working with Dr. David Haussler on multi-species genome comparisons at

University of California, Santa Cruz. She received her Ph.D. in Applied Mathematics from the University of Southern California, Los Angeles in December, 2001. Her research interests include Inference for Molecular Sequence Data: Coalescent Methods, Ancestral Inference, Population Genetics.

Visiting Faculty

Visiting Professor

Tapas Samanta - Dr. Samanta received his Ph.D. from the Indian Statistical Institute, Calcutta, in 1990. His research interests include Asymptotic Theory, Bayesian Analysis, Data Analysis.

Visiting Assistant Professor

Jiyeon Suh - Dr. Suh received her Ph.D. in May, 2003. Her research interests include Probability and Analysis.

Visiting Lecturer

Joan Brenneman - Ms. Brenneman received her M.S. from Montana State University. Her research interest is in sampling.

Department News (cont.)

Bioinformatics Seminar Series

*by Rebecca Doerge
Professor of Statistics and Agronomy*

Bioinformatics was well represented in the Seventh Symposium on Statistics, Workshop A (June 19-20). The main focus of the workshop was bioinformatics and microarrays and aimed to bring both statisticians and biologists together for the purpose of learning the latest in sequencing analysis methodology, databasing, and statistical analysis. As an evolving science, bioinformatics is defined as the generation, organization, and analysis of biological data (initially genomic), bioinformatics encompasses all biological phenomena. Not only is bioinformatics a vital support network for existing scientific investigations, it is also a rapidly changing, increasingly rich discipline marked by some of the most creative advances in biology. One of the most interesting and exciting advances includes microarray technologies that allow the simultaneous investigation of potentially every gene in an organism. The contributions of statisticians to the analysis of microarray data have had a significant impact on the biological community. The purpose of this workshop was to build upon a deeply rooted foundation of statistical and quantitative genetics in order to identify new and upcoming ideas in bioinformatics (including microarrays).

Preceding the workshop was a half day tutorial on microarray analysis, taught by **Professors Bruce Craig and Rebecca Doerge**. This tutorial introduced the main concepts surrounding the two most common microarray technologies, the cDNA spotted microarray and the oligonucleotide array, and the data that are produced. It was directed

towards both biologists and statisticians wanting to become more involved in this exciting field.

The focus on Bioinformatics at Purdue continues with the Department of Statistics' continual support and organization of the Bioinformatics Seminar Series. What was once a fledging effort has now taken on a life of its own with an audience of 50-100 people (undergraduate, graduate, staff and faculty) each week. Past and current seminar speakers and topics can be found at www.stat.purdue.edu/~doerge.



R. Doerge and M. Black (Ph.D., 2002)

Department News (cont.)

Computational Finance

by Professor Frederi Viens

Associate Professor of Statistics and Mathematics



Frederi Viens continued as coordinator of Purdue University's Computational Finance Program, in which the Statistics Department is a leading component. The enrollment in the Master's Program in Statistics with a Computational Finance

Specialization attracted a dozen new students in Fall 2002, and nearly as many new Math students. The restructuring of the program, which began in 2000, continues to show positive effects on the quality of the students' education. **Frederi Viens** and **Seongjoo Song** organized the weekly Computational Finance Seminar in the Spring of 2003, which gathered a wide variety of invited speakers from mathematics, statistics, engineering, business, finance, and economics. Some of the guest

speakers included: **Maria Cristina Mariani**, Universidad de Buenos Aires; **Takaki Hayashi**, Columbia University; **Yaozhong Hu**, University of Kansas; **Jeffrey Russell**, University of Chicago; **Srdjan Stojanovic**, University of Cincinnati; **Kiseop Lee**, University of Louisville; **Per Mykland**, University of Chicago; and **Ziyu Zheng**, University of Wisconsin, Milwaukee. This year's "Big Computational Finance Event" was organized by **Frederi Viens**. The first Purdue Mini-symposium on Financial Mathematics, held on April 3, 2003, gathered two of the country's most prominent specialists in the field, **Jaksa Cvitanic**, Department of Mathematics and Department of Economics, University of Southern California, and **Rene Carmona**, Operations Research and Financial Engineering, Princeton University. It also featured two young specialists, **Jianfeng Zhang**, University of Minnesota, and **Oana Mocioalca**, Purdue University.

Computing Facilities

by Doug Crabill

Computer Systems Administrator



Upgrades abound. We've purchased 19 new 2.8 Ghz PC's with 19" flat panel LCD monitors to upgrade and expand the equipment in our student computer labs. New computer labs will be opening in Math 507 and Math G175, a newly acquired space for student offices. A new dual Athlon server has also been purchased, to act as a dedicated webserver. It

should allow us to improve web performance and provide new features like a web-based mail reading interface. A new computer rack has been purchased to allow us to install rackable computer equipment in our 5th floor machine room where space is at a premium. Our primary Windows 2000 fileserver has been upgraded with a new raid controller and three 180 GB hard drives. We've purchased five more laptops for instructional use by course instructors. Last but not least, We will also be adding a new Windows 2003 Terminal Services server to help provide the functionality previously offered by WTSCI, the School of Science Windows terminal server.

Department News (cont.)

Statistical Consulting Service (SCS)

<http://www.stat.purdue.edu/consulting>

by *Craig Johnson*

Director of STATCOM

Statistics in the Community (STATCOM)



Statistics in the Community (STATCOM) is a community outreach organization within the Department of Statistics. Graduate students participating in STATCOM volunteer their time to provide free statistical consulting to governmental

and nonprofit groups in Indiana. This could include schools, government agencies, health centers, homeless shelters and advocacy groups, libraries, adult learning centers, and other agencies and organizations. As part of the Department's Statistical Consulting Service, STATCOM is directed and staffed primarily by graduate students.

Nels Grevstad (M.S., 2001; Ph.D., 2003) founded STATCOM during the 2001-2002 school year. **Craig Johnson**, a Ph.D. student, succeeded **Nels** as director. Another Ph.D. student, **John Stevens**, currently serves as Associate Director. **Regina Becker** and **Teena Seele**, both full-time staff members in the Department, assist with the operation of STATCOM. **Regina** serves as an advisor, ensuring continuity over time. **Teena** works as a secretarial assistant for STATCOM. Graduate student volunteers staff all other leadership positions.

STATCOM provides a valuable service to the community. Organizations served by STATCOM have a need for statistical advice and expertise, but budgetary restrictions prevent many of them from hiring consultants. These clients are provided with

services from skilled Purdue University students free of charge.

Graduate students who participate in STATCOM receive many benefits. The ability to effectively express statistical concepts to others is a crucial skill that benefits students throughout their careers. STATCOM consultants enhance their communication skills through discussing statistical concepts and results with individuals of varied backgrounds and interests. Recent Purdue graduates entering the work force have been asked about their group projects and consulting experiences. Student contributors to STATCOM work as part of a team to address real problems faced by local organizations. This activity supplements the solid academic training acquired in the classroom. STATCOM's team-based paradigm supplements the cooperative learning environment common to students in the Department of Statistics. STATCOM consultants also receive intangible but real satisfaction as they reach out to others and share their knowledge and skills. In addition, STATCOM provides yet another link between Purdue University and the surrounding community. This provides long-term benefits that impact both present and future students at Purdue.

Students in the Department of Statistics participate in three distinct and complementary forms of consulting. The Statistical Consulting Service (SCS) provides service to members of Purdue's academic community. The Technical Assistance Program (TAP) facilitates free consulting for companies in Indiana. STATCOM fills a niche not covered by these two services, since it exclusively serves

Department News (cont.)

nonprofit groups not affiliated with Purdue University. SCS, TAP, and STATCOM all provide consulting service at no cost to their clients.

STATCOM consultants work with clients in teams of three or four. Veteran students are matched with others of less experience. This structure allows new graduate students to successfully contribute to STATCOM without taking all the courses required to consult for SCS. The system naturally fosters mentoring within project groups. Groups are reassigned for each project, so consultants learn from many peers.

After a client requests services from STATCOM, a team of consultants meets with the client to discuss their needs. The consultants evaluate the scope of the study and provide appropriate service. When the project is completed, the client is presented with a report summarizing STATCOM's findings.

Feedback from clients has been very positive in the past.

Over the past year, STATCOM has been involved in many projects for both government and civic organizations. STATCOM helped study the impacts of the state tax funding formula on a school district. Another district used STATCOM to evaluate and improve one of their intervention programs. Several nonprofit organizations used STATCOM to design or analyze surveys. Design objectives included reducing nonresponse, simplifying analysis of the results, and gaining a better understanding of the needs of the people they serve.

Interested students from any department at Purdue should apply to serve as a consultant. Nonprofit community organizations in need of consulting services are encouraged to apply. For more information, contact Craig Johnson via e-mail at statcom@stat.purdue.edu.

STATEMENT ON STOCHASTICS

by Professor Frederi Viens

Associate Professor of Statistics and Mathematics



Frederi Viens led several efforts to increase the visibility of Purdue University, the Statistics Department in particular, in the area of Stochastic Analysis.

AMS Special Session on Stochastics

With co-organizer **Jin Ma** (Professor, Purdue Department of Mathematics), **Frederi Viens** brought together two dozen specialists in the field at the American Mathematical Society's Central Sectional Meeting in Bloomington, IN, April 4-6,

2003, in that conference's special session on "Stochastic Analysis with Applications". The talks at the conference ranged from infinite-dimensional stochastics, including stochastic PDEs, theory of diffusion processes, interacting particle systems, theory of stochastic integration, including fractional Brownian motion, to financial mathematics. The special session drew speakers from around the globe, with five keynote speakers: (**Philip Protter** (Cornell), **Jaksa Cvitanic** (USC), **P.-L. Chow** (Wayne State U.), **Tom Kurtz** (U. Wisconsin, Madison), and **Ty Duncan** (U. Kansas)). Purdue was represented by six speakers, with other Purdue probabilists attending, including many Ph.D. students. The organizers were able to allow several

Department News (cont.)

young probabilists to present their work in an environment conducive to helping them make useful contacts.

Recruiting Stochastic Graduate Students in Paris

Professor Viens traveled to Paris, France, under Purdue's New Recruiting Initiative grant from the Office of the Dean of the Graduate School, in an effort to inform France's best mathematics students about the possibilities of pursuing graduate degrees related to Probability and Stochastic Analysis at Purdue. France arguably has the students with the best preparation and potential for Ph.D. work in stochastics. Professor Viens gave talks at the following universities, which are among the top French schools for probability: University of Paris 6 (Jussieu), University of Paris 13 (Villetaneuse), Ecole Nationale Supérieure des Telecommunications, Ecole Centrale de Paris, and Ecole Polytechnique. The students' feedback promises to result in several excellent recruitments for the Statistics and Mathematics PhD programs.

Professor Viens stressed that the job prospects are often better with a Statistics degree than with other degrees where stochastics is a research option.

Professor Viens was accompanied in this trip by a graduating Computational Finance MS student, **Rahul Desai**, who lauded the merits of Purdue's Computational Finance program; the Quantitative Finance theme, in particular, is one which should attract many French students.

Students travel to French Probability Summer School

A half-dozen Purdue Statistics and Mathematics Ph.D. students and visiting assistant professors traveled to the 33rd Probability Summer School in Saint-Flour, France from July 7-23, 2003, where they profited from three 15-hour courses in

probability and statistics by the world's very best researchers in each of three themes. They were among a group of 75 participants from Europe and around the world, including world-renowned probabilists, brilliant young researchers, and eager and promising graduate students. This environment is reputed to be the best place for graduate students and postdocs to make career-lasting and job-creating contacts. Many probabilists believe that the best contemporary and influential research in probability is presented within any five-year period at this summer school. **Professor Viens**, who shares this belief, secured a Purdue Integrated Study Abroad Program grant to support several Mathematics and Statistics graduate students to travel to the Summer School. At the time this article was written, the School was in session and **Professor Viens** reported the Purdue students and young researchers were "loving it!" Purdue had seven participants in Saint-Flour, including several who will be giving short talks at the school, making it the largest non-Parisian group of probabilists in Saint-Flour, strengthening Purdue's world visibility in probability and stochastics. Several of the Purdue participants planned to travel to another two-week summer conference in Probability, immediately after the end of the Saint-Flour Summer School: the Summer Program Probability and Partial Differential Equations in Modern Applied Mathematics, at the Institute for Mathematics and Applications at the University of Minnesota.

Weddings

Aarti Sriram (M.S., 2002) and Rastislav Ivanic were married on May 17, 2003.

David Annis (M.S., 2001; Ph.D., 2003) and **Izabela Soltys (M.S., 2001)** were married October 18, 2003.

Department News (cont.)

New Arrivals

Meng-Rong Lee (M.S., 1998) and Markus Bachmann (Ph.D., 1998) had their second daughter, Sabine, who arrived on January 9, 2003.

Eric Chicken (M.S., 1993; Ph.D., 2001) and his wife, Rebecca, are the proud parents of a baby girl, Annabel, born July 2002.

Ping Ma (M.A., 2001; Ph.S., 2003) and his wife, **Wenxuan Zhong (M.S., 2002; Working on Ph.D.)** have a new son, Terry Tiansi Ma, born June 18, 2003.

Tadd Colver and his wife, Carol, are the proud parents of their new daughter, Gabriella.

Yunqing Li (M.S., 2002) and her husband, Bin Yao, had a baby boy, Leo, August 11, 2003.

Naomi (M.S., 1994) and Rich Benz (M.S., 1994), are very proud of their new daughter, Maria Grace, born September 14, 2003.

Nathan Spencer Johnson is the new son of **Craig Johnson** and his wife Laura. He was born September 19, 2003.

Betsy Hughes and her husband, Brett, are the proud parents of their new son, Xander, born October 7, 2003.

Rebekah Reysen and her husband, Matthew, had their second daughter, Ember Noelle, on November 26, 2003.

Deaths

Professor Joe Austin (M.S., 1968) passed away May 10, 2001.

Professor Jean Rubin passed away on October 25, 2002. She was the wife of Professor Herman Rubin.

Professor Carl Frederick Kossack, former Head of the Department of Mathematics and Statistics, Purdue University, passed away on October 1, 2002.

New Face in the Department



Rebekah Reysen is a Secretary III. She joined the department in September 2002 and works part-time.

Job Search Network

If you have job information that you would like to include in our web site, please e-mail the job announcement to stat-jobs@stat.purdue.edu.

Memorial Lectures

Myra Samuels Lecture



The 2003 *Myra Samuels Lecture* was presented on Friday, June 20, 2003, by Professor Rob Tibshirani, Department of Health Research & Policy and Department of Statistics, Stanford University. The title of the address was “Least Angle Regression, Forward Stagewise and the Lasso”. The lectures were founded in memory of Dr. Myra Samuels who worked for many years in the Statistics Department and was an Associate Professor in Veterinary Pathobiology at the time of her death. The Myra Samuels Biostatistics Fund provides support for these lectures.

Student News

I. W. Burr Award

This award was established in 1974 upon the retirement of the late Professor Irving W. Burr, an eminent statistician who taught at Purdue for nearly 35 years.



For a student to receive this award, (s)he should have completed or nearly completed the Ph.D. in statistics. The criteria for selection are: 1) Promise of contribution to the profession as evidenced by academic excellence in courses and exams and by the quality of the thesis research and 2) Excellence in teaching or consulting while at Purdue.

The recipient of the 2003 I. W. Burr award was **Nels Grevstad**, and the award was presented by Dean Jeffrey Vitter. Nels was born in Seattle, Washington. He received his B.S. from the University of Washington in 1996, and an M.S. in Mathematical Statistics from Purdue in 2000. His area of research is Statistical Analysis of Medical Images. He enjoys playing the banjo, bicycling and playing soccer. He is a member of both the American Statistical Association and the Institute of Mathematical Statistics. He was

awarded his Ph.D. in August of 2003 under the guidance of his major professor, **Professor Chong Gu**.

Student News (cont.)

V. L. Anderson Scholarship and School of Science Outstanding Achievement Award

The V. L. Anderson Scholarship is awarded to an undergraduate student who shows promise of contributing to statistics and its applications. The scholarship is in honor of Virgil Anderson who retired from the Department of Statistics in December 1986 after nearly 36 years.

Jennifer Kowall was the recipient of the 2003 V. L. Anderson Scholarship. Born in Chicago, Illinois, she entered Purdue in Fall, 2000. Her hobbies are sports and travelling. She belongs to Alpha Phi Omega (a co-ed service fraternity) and Phi Kappa Beta. Her expected date of graduation for the B. S. Degree is May 2004, as a Mathematics and Statistics Major with Management and Environmental Science minors. She also interned as an actuary at Towers Perrin this past summer.

L. J. Cote M. S. Excellence in Statistics



This award is in honor of Louis J. Cote who retired from the Department of Statistics in June of 1991. The student receiving this award will obtain an M.S. in applied statistics. The criteria for selection are the qualities required of an applied statistician: 1) Technical skill as evidenced by course performance, faculty evaluation, and performance on the final M.S. Examination and 2) Skill in consulting and communication, normally evidenced by excellence in supervised consulting or, secondarily, in teaching.

Professor Emeritus Cote and Dean Jeffrey Vitter presented the 2003 L. J. Cote M. S. Excellence in Statistics award to **Tom Aliff**. Tom was born in Merrillville, Indiana. He received his B.S. in Mathematics/Statistics in 2001 from Purdue. He entered Purdue in August 1997. He received his M.S. in Applied Statistics in May 2003, and was advised under

Professor Rebecca Doerge. He is a member of the American Statistical Association. Tom enjoys making music and playing sports.

Student News (cont.)

Outstanding Classroom Teaching by a Teaching Assistant



Teaching Assistants contribute substantially to the teaching mission of the Department of Statistics. The faculty of the department has established an annual award to recognize service to the department and to students through outstanding classroom teaching of Statistics by a Teaching Assistant.

The Spring 2003 award was presented by Dean Jeffrey Vitter to **Brad Johnson**. Brad was born in Moline, Illinois and lived in Winnipeg, Canada from 1972 to 1999. He received both the B.Sc. (Statistics, 1997) and M.Sc. (Statistics, 1999) from the University of Manitoba. He entered Purdue in 1999.

Probability is his area of research. He enjoys playing the guitar and fiddle, specifically playing mostly bluegrass and traditional Irish music. He is a member of both the American Statistical Association and the Institute of Mathematical Statistics. He expects to receive his Ph.D. in 2004. His major professor is Professor Tom Sellke.

Glen E. Baxter Award

The Glen E. Baxter Memorial Fund was established in 1983 by family and friends of Professor Baxter shortly after the death of this gifted teacher-scholar. The annual proceeds from the fund are used to award scholarships to honor undergraduate students who have demonstrated excellence in mathematics. The recipients of the award are selected by a committee of professors from the Departments of Mathematics and Statistics.

The 2003 recipients of the Glen E. Baxter Award are **Christopher Mathes Connor** and **Jared Ray Huckstep**.

Christopher and Jared are following programs of study, leading to baccalaureate degrees in the

Mathematical Sciences. It is good to be able to report that this memorial award is simply the latest in a succession of honors that have been accorded these splendid young scholars.

Moreover, both have made excellent use of the opportunities that the University has made available to them. Christopher's plan of study features the Honors courses in Mathematics, a minor in Philosophy (to which field Christopher may ultimately migrate), and a strong language component (French, Arabic, German). Displaying the musical aptitude seemingly inherent in many students to the mathematical arts, he has, from time to time, played the banjo, however, this affliction currently appears to be in remission.

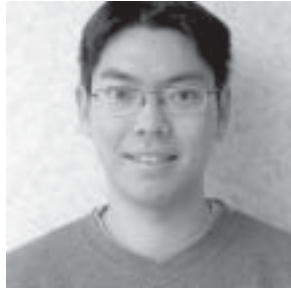
Student News (cont.)

Jared has responded to the call to be a teacher of Mathematics, and, thus, he is following the Mathematics Education curriculum. He has served both the Mathematics Department and the School of Education as an Undergraduate Teaching Assistant; he has served his fraternity in several important assignments; and he's an active member of the local faith community. In February of this year, as a

junior, he was elected to membership in Phi Beta Kappa, a signal honor, indeed.

In their post-collegiate years, both Jared and Christopher have the potential to accomplish many good works, and it seems safe to predict that this potential will be fulfilled. It is a pleasure to render to Mr. Connor and Mr. Huckstep this honor in the name of a distinguished educator, Glen E. Baxter.

School of Science Outstanding Senior Award



The 2003 winner of the School of Science Outstanding Achievement Award for Statistics is **Haizhi Lin**. Haizhi is from Beijing, P. R. China. He is a member of the Mathematics club. His honors and awards include the Lincoln National Life Scholarship, Semester Honors and the Dean's List. He continues his education in graduate school.

Actuarial Science Awards

The Actuarial Science Awards are funded by the Lincoln Financial Group, the Trustmark Corporation, Towers Perrin Insurance, CIGNA Insurance, and alumni donations. They are awarded to outstanding Juniors, Sophomores and Freshmen on the basis of academic performance, actuarial exams passed, and extracurricular activities.

Actuarial Science is an undergraduate program jointly administered by the Department of Statistics and the Department of Mathematics. The Director is **Richard Penney**, Professor of Mathematics. The following students were awarded scholarships this year: **Sebastian Kleber** and **Jeanette Roell**, Lincoln Scholarship; Trustmark Scholarship; **Vikas Shah**, Trustmark and Towers-Perrin Scholarships; **Juan Arroyo Yap**, Towers-Perrin Scholarships; **Devin Gardner** and **David Weissenborn**,

CIGNA Scholarships; **Juan Ricardo, Arroyo Yap, Lauren Coleman, Kristoffer Erickson, Devin Gardner, Andrew Howard, Sebastian Kleber, Michael Knowles, Jennifer Kowall, Haizhi Lin, Kelly O'Brien, Jeanette Roell, Vikas Shah, Mary Weise, David Weissenborn, Justin Welliver, Zachary White and Casey Wright**, CIGNA Exam Awards.



Vikas Shah, Jeannette Roell, Juan Arroyo Yap and Director, Richard Penney.

Student News (cont.)



Ph.D. student **Nels Grevstad** was awarded the STATCOM Community Service Award. STATCOM was founded by Nels in 2002. STATCOM received a \$1500 grant from the Student Grant Program for Community Service, administered through Purdue's Office of Engagement. Currently there are 6 graduate student consultants involved in the program.

STATCOM is a community outreach program provided to the greater Lafayette area by graduate students in the Department of Statistics. The program offers, free of charge, to non-profit community organizations the expertise of statistics graduate students in the areas of data collection, organization and interpretation.

STATCOM was born out of a desire to enhance the existing partnership between Purdue University and the community at large, thereby positively impacting the quality of life in the area. Potential recipients who benefit from STATCOM service include, but are not limited to, organizations such as: schools, government agencies, health centers, homeless shelters and homeless advocacy groups, libraries, adult learning centers as well as other agencies and organizations.



Ph.D. student **Joe Nolan** was one of several graduate students on campus who has completed his Graduate Teacher Certificate through the Preparing Future Faculty Program. This program, which is administered by the Center for Instructional Excellence, is designed to assist graduate students in developing their teaching skills and to document their teaching experiences. He was honored at the "Celebration of Graduate Student Teaching" banquet held April 17, 2003.



M.S. student, **Elizabeth Miceli Hughes**, was one of the "2003 Graduate Student Honorees" for the University Celebration of Graduate Student Teaching. She received an engraved plaque recognizing her contributions at a banquet held on April 17, 2003.

Student News (cont.)



Ph.D. student **Dachuang Cao** was awarded a travel grant from the Women in Science Programs. Acquiring this grant involved winning out over a lot of competition. This grant will assist Dachuang in advancing her professional development.



Ph.D. student **Olga Vitek** received the Charlie Sampson Poster Award given at the 26th annual Midwest Biopharmaceutical Statistics Workshop, Ball State University, Muncie, Indiana. This award is given to the student whose poster was judged best on content, originality and contribution to biopharmaceutical issues.

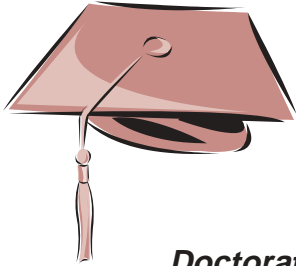
Teaching Assistantships and Fellowships for 2003-2004

The following new students for 2003-2004 have been awarded teaching assistantships and fellowships in the Department of Statistics:

David Anderson (University of Wisconsin College), **Johnna Anderson** (Montana Tech/University of Montana), **Shane Cline** (University of Toledo-Ohio), **Elsie Grace** (Purdue University), **Jason Hatfield** (California State University, Chico), **Andreana Robertson** (University of Kentucky), **Lei Shu** (South China University of Technology), **Vladimire Alexis Tobar Solano** (Universidad De Cuenca), **Nikita Valeryevich Fouzov** (Moscow Aviation Institute).

Recent Graduates

August 2002 Graduates



Doctorates

Messan Amewou-Atisso (Jayanta Ghosh) *Bayesian Analysis of Semiparametric Regression Problems*

Michael Black (Rebecca W. Doerge) *Statistics Issues in the Design and Analysis of Spotted Microarray Experiments*

Leming Qu (Mary Ellen Bock) *On Semiparametric Regression via Wavelets*

Masters

Specialization in Applied Statistics

Yunqing Li
Aneta Valova
Suk Young Yoo

Masters

Specialization in Mathematical Statistics

Yali Liu

December 2002 Graduates

Masters

Specialization in Applied Statistics

Kyle Randolph Hinsz
Yi-Ru Huang

Student News (cont.)

May 2003 Graduates

Masters **Specialization in Mathematical Statistics**

Lingling An
Riyan Cheng
Pang Du
Nilupa Gunaratna
Zhenqiang Lu
Junyong Park
Peng Zeng

Masters **Specialization in Applied Statistics**

Tom Aliff
Bo Hu
Craig Johnson
Wen-Ching Tsai
Jin Eun Yoo

Masters **Specialization in Computational Finance**

Yu Qin

Doctorates

Lin Chen (Thomas M. Sellke) *On Some Empirical Bayes and Statistical Selection and Ranking Procedures*

Jingyuan Wang (Chong Gu) *Penalized Likelihood Density Estimation: Cross Validation and Some Small Theories*

Young Ju Kim (Chong Gu) *Smoothing Spline Regression: Scalable Computation and Cross Validation*

August 2003 Graduate

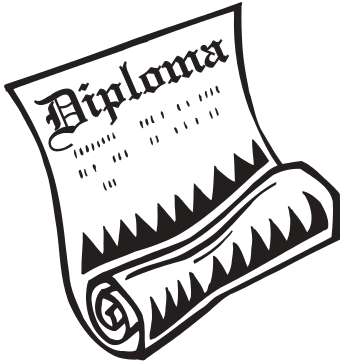
Doctorate

Ping Ma (Chong Gu) *Nonparametric Mixed-Effect Models*

Nels Grevstad (Chong Gu) *Statistical Analysis of Medical Images*



Student News (cont.)



Bachelors

Cody Cook

John Galvin

Elsie Grace

Aaron Kock

Christopher Manhart

Kelly O'Brien

Kyla O'Rourke

Jeffrey Radabaugh

Cortney Romeril

Jennifer Rosemary

Karl Streiff

Kevin Thompson

Justin Welliver

News from the Graduate Student Organization (GSO)

By Tadd Colver



It is hard to believe that another year has gone by already and it's time to say goodbye to those students leaving the department for bigger and better positions. We will definitely miss them and their contributions to the great environment that we have here in the department.

We started the 2002-2003 year off with the addition of 29 new students, one of the largest groups ever. With this group, we implemented a new student mentoring program which is designed to help the incoming students adjust to the department during their first few weeks. In the program, each of the

new students is assigned one senior Statistics graduate student as a mentor. The mentor is then available to answer questions, or to provide help with anything the new student may need, and also takes them to lunch during the first week of classes. We greatly appreciate the many volunteers that are willing to help as mentors this first year.

With the mentoring program in full swing, we started off the Fall semester with a pool side picnic at the home of **Steve and Joan Samuels**. A barbecue and homemade dishes provided a nice warm welcome to the incoming students as well as gave them a chance to meet the current students, faculty and staff. After lunch, many of the students took advantage of the wonderful weather and hiked to Prophet's Rock. Others mingled and chatted, while those who brought swimming gear enjoyed the pool. It was a great way to end the summer before the busy school year began.

Student News (cont.)

This year's Fall GSO meetings featured professors from our department while the Spring meetings featured several graduate students. The speakers for the fall were **Professors Jun Xie** ("Protein Motif Alignment: An Approach to Explore the Roles of Transcription Factors"), **Rebecca Doerge** ("Introduction to Quantitative Trait Loci (QTL) Location"), **Stephen M. Samuels** ("The Golden Age of Secretary Problems"), and **Frederi Viens** ("Internship and Job Opportunities in Computational Finance"). For the Spring we had **Nels Grevstad** ("Image Alignment with Thin-Plate Splines"), **Brad Johnson** ("On the distribution of increasing k-sequences in random permutations"), and 2002 graduate **Aarti Sriram** ("Thinking About a Career in Statistics: What Does the Industry Expect You to Know?") from Booz Allen Hamilton.



J. Samuels, S. Sellke and C. Han

Additionally, each year the GSO invites a speaker from another university to come to Purdue to give a lecture in the spring. This year we were pleased to have as our invited guest **Professor Jun Liu** from Harvard University. With a brief break for a pizza luncheon, **Professor Liu** spent most of the day with numerous students who were anxious to discuss their research with him. The day culminated with a lecture by **Professor Liu** on "From Polymer Simulation to Counting Zero-One Tables" at the Statistics Research Colloquia Seminar. After the lecture, **Professor Liu's** visit ended with dinner at the Great Wall chinese restaurant accompanied by many of the graduate students.

The GSO also made time for some fun social activities. In the Fall, a bowling night was held at the bowling alley in the Purdue Memorial Union. A

movie night featuring the French film "Amelie" was held for all to enjoy! In the Spring, the students got to choose which movies would be shown, and there was a great turnout for the second movie night which featured the films "Run Lola Run" and "Sweet Home Alabama".

The school year ended with our Spring GSO picnic at Happy Hollow Park. Amidst the showers and thunderstorms throughout April, we managed to

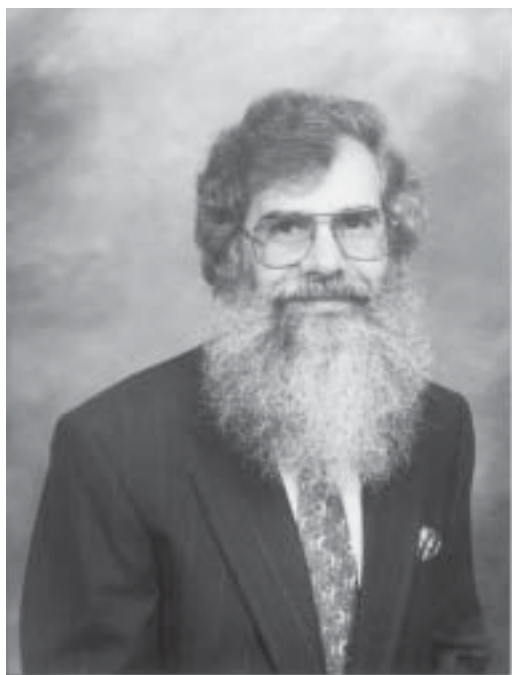
catch a day with nearly perfect weather, and again a barbecue and homemade dishes. After lunch we had an egg hunt for the children, followed by the older tradition of a Student vs. Faculty/Staff softball game. The Faculty/Staff were first at bat and took an early lead in the first two innings. However, the students managed to rally and nearly tied up by the end of the 3rd

inning. Unfortunately, the students couldn't keep their rally going and fell victim to the constant barrage of hits that the Faculty/Staff team provided. With three up and three out in the bottom of the 5th inning, the Faculty/Staff team held on for the win. Thank you to all who participated, and congratulations to the winners.

In the end, it was an enjoyable year and we give a wholehearted "thank you" to all who participated in making our events a success. We look forward to bigger and better things as we pass the torch to a new set of students representing the GSO next year. The elected representatives are **Shannon Knapp**, **Zhenqiang (James) Lu**, and **Rochelle Remke**. We wish you the best and offer our support in any way we can. Good luck!

Alumni News

2003 Distinguished Alumni Award



Roger L. Berger

M.S. 1975, Ph.D 1977, Statistics.

Roger Berger is a Professor of Statistics at North Carolina State University in Raleigh, North Carolina. He joined North Carolina State in 1983, following six years in the Department of Statistics at Florida State University. He has published a long list of refereed journal articles and presented more than 50 invited scientific talks. In 2002, he co-authored the book *Statistical Inference, Second Edition*, with George Casella, another Distinguished Alumnus Award recipient from the Department of Statistics. He and Dr. Casella, along with Damaris Santana, also produced the *Solutions Manual on CD-ROM for Casella and Berger's Statistical Inference, Second Edition*. Dr. Berger is the editor of *Statistical Science* and has served as associate editor of both the *Journal of the American Statistical Association* and *Biometrics*. He is a member of the American Statistical Association, the Institute of Mathematical Statistics, and the

Eastern North American Region of the International Biometric Society. In 1991 he was elected a Fellow of the Institute of Mathematical Statistics, and in 1999, he was elected a Fellow of the American Statistical Association, and



Raymond J. Carroll (Ph.D., 1974) named 2002 Fisher Lecturer. He lectured on August 14, 2002, at the JSM on, "Variability Is Not Always A Nuisance Parameter", in honor of Professor Shanti S. Gupta

The Fisher Lecture award was established in 1963 by the Committee of Presidents of Statistical Societies (COPSS) to honor the contributions of Sir Ronald Aylmer Fisher and the work of present-day statisticians. The Fisher Lectureship recognizes lifetime achievements reflecting the importance of statistical methods for scientific investigations adequately. The list of past Fisher lecturers reflects the prestige that COPSS and its member societies place on this award. The lecture is to be broadly-based and is to emphasize aspects of statistics and probability that are closely related to scientific collection and interpretation of data, which are areas in which Fisher made outstanding contributions. It is

Alumni News (cont.)

anticipated that this lecture will be published in one of the COPSS society journals.

Professor Carroll is a Distinguished Professor of Statistics, Nutrition and Toxicology at Texas A&M University. He has been editor of two of the major statistics research journals: the Journal of the American Statistical Association (Theory and Methods) and Biometrics. He has been awarded most of the major honors in statistics, including the COPSS Presidents' Award, the Fisher Lecture, the Snedecor Award and the Wilcoxon Prize. He is an elected Fellow of the American Statistical Association and the Institute of Mathematical Statistics, as well as an elected member of the International Statistical Institute. Professor Carroll's research interests focus on developing general statistical methods, with special emphasis on nutritional epidemiology, basic biological processes in nutrition and colon carcinogenesis and in Bioinformatics.

Gary McDonald (Ph.D., 1969), visiting Professor of Statistics, moderated the final "countdown" round of the MATHCOUNTS national competition, which was held May 8-11, 2003 in Chicago. The annual MATHCOUNTS National Competition is where middle school math students from

across the nation test their skills while competing for national, individual and team championships.

Patricia A. Nahas (M.S., 1967) was appointed by Arden Bement, the Director of the National Institute of Standards and Technology (NIST), to the 2002 Board of Examiners for the Malcolm Baldrige National Quality Award. The Award, created by public law in 1987, is the highest level of national recognition for performance excellence that a U.S. organization can receive.

Michael Lu (Ph.D., 1994) accepted a position with Edwards Lifesciences at Irvine, California. Edwards Lifesciences is a cardiovascular devices company. Michael oversees their statistics and data management department.

Dongchu Sun (Ph.D., 1991) was promoted to Professor of Statistics, University of Missouri-Columbia on September 1, 2002. He received the 2002 Chancellor's Award for Outstanding Research and Creative Activity at the University of Missouri-Columbia. This is a bi-annual award in the area of the physical, mathematical sciences and engineering on the campus. It gives special recognition to Professor Sun's outstanding

contributions in research and creative activity, with great promise for achieving wider recognition.

Ming Tan (Ph.D., 1990) is currently Head, Biostat Division at the University of Maryland Greenebaum Cancer Center, and is a Professor at the University of Maryland School of Medicine. Ming was previously with St. Jude Children's Research Hospital.

Yaohua Zhang (M.S., 2001) accepted a position in August 2002 with Micron Technology, as a quality control statistician. The company is located in Boise, Idaho.

Please let us know your accomplishments and activities. We would like to include you in our next newsletter!

Gifts to the Department

Special Thanks To Our Friends

The Department of Statistics would like to give a heartfelt "Thank You" to the following donors for their generous contributions from April 24, 2002 through July 15, 2003. We apologize in advance if we have omitted anyone or incorrectly spelled a name.



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Joseph Gastwirth



If you would like to give to any of these funds, or if you are interested in planned gift, estate planning contact David Lageveen at (765) 494-4344, or by email at: lageveen@purdue.edu. You may now give on-line at <http://www.stat.purdue.edu>.

Fall 2002 New Student Pizza Party and Mixer



In the week before the beginning of the Fall 2002 semester, the department held different activities for the new graduate students. The first was a pizza party, held August 12, 2002, before the start of classes. The purpose of this party is for the new students to meet each other as well as a few members of the faculty and staff. They were given information about the department, classes and computers.

The second activity, held August 16, 2002, was a reception in honor of the new students. This is usually held in the Mathematics Library where they are “officially” welcomed by the department faculty, students and staff.



The third activity, held August 17, 2002, was a mixer. Professor Steve Samuels and his wife, Joan, hosted the party again this year. This provided a more relaxed atmosphere in which to get to know people from the department.

The 2002 Statistics Department Picnic

The 2002 Statistics Department Picnic at Fort Ouiatenon, West Lafayette, Indiana was held on Sunday, August 25, 2002. The picnic gave families of new students a chance to get to know the faculty and staff. **Bill Lucas**, husband of **Norma Lucas**, agreed to see that nobody went hungry. With a grill full of pork chops, chicken and hot dogs, our taste buds were very satisfied by his cooking.



2002 Annual Holiday Party

The 2002 Statistics Department Holiday Party was held on December 5, 2002, at The Trails in Lafayette, Indiana. During our cocktail hour, we were given a sheet of paper to see if how well we knew each other. Do you know who had a paper route within the last few years? Or who milked cows for four years? After “getting to know” each other, some graduate students sang “The Statistics Graduate Student Song” (to the tune of YMCA). The rest of the evening was spent singing Karaoke. It was a fun evening and it turned out that we have some very talented entertainers in our department.



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Scenes from Campus

The Nancy T. Hansen Theatre

Former Purdue President Arthur G. Hansen named the Nancy T. Hansen Theatre in honor of his wife. It is Purdue's new Visual and Performing Arts Building. The building is on the corner of Marsteller and Wood streets. For more information please log onto <http://www.purdue.edu/UNS/html3month/020924.Hansen.vpagift.html>.



View from West Wood Street



View from East Wood Street

Dick and Sandy Dauch Alumni Center

The Dick and Sandy Dauch Alumni Center and its Spurgeon Hall of Spirit, will feature Purdue's achievements via interactive kiosks and museum-quality exhibits. For more information log onto <http://www.purdue.edu/UNS/html3month/021017.Dauch.render.html>.



Artist rendering of the Dauch Alumni Center to be completed in late 2003 or early 2004.



Construction in progress

Located on the southwest corner of Grant and Wood streets.

Scenes from Campus (cont.)

Krannert School of Management Building, Jerry S. Rawls Hall

The Jerry S. Rawls Hall is now complete and classes are being held in the building. For more information on this new facility log onto <http://news.uns.purdue.edu/UNS/html3month/031002.Rawls.dedication.html> and <http://news.uns.purdue.edu/hp/Rawls.openhouse.html>.



The walkway which connects the Krannert School and Rawls Hall



View from East State Street



View from West State Street



A view of the Atrium

The Statistics Department Newsletter is published annually for alums and friends of the Statistics Department at Purdue University.

We welcome your comments and suggestions for future newsletters. Please send a fax to 765-494-0558, an e-mail to seele@stat.purdue.edu, call 765-494-5324 or write to:

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Address Correction Requested