

NEWS AND NOTICES

Personal Items

Readers are invited to submit to the Treasurer of the Institute items of interest

Dr. Saul Blumenthal has been promoted to Professor in the Department of Industrial Engineering and Operations Research at New York University effective September 1, 1971.

Colin Blyth is at Queen's University, Kingston, Ontario, Canada for the academic year 1971–1972, on sabbatical leave from the University of Illinois.

Dr. Raj C. Bose has retired from the Department of Statistics at the University of North Carolina at Chapel Hill and has been appointed Professor of Mathematics and Statistics at Colorado State University, Fort Collins, Colorado, effective September 1, 1971. He is currently the President of the Institute of Mathematical Statistics.

Dr. George E. P. Box has been appointed Ronald Aylmer Fisher Professor of Statistics at the University of Wisconsin, effective July 1, 1971.

A symposium on “Symmetric Functions in Statistics” was held at the University of Windsor, Windsor, Canada, on March 13, 1971 in honor of Professor Paul Sumner Dwyer, who is retiring this year from the University of Michigan. In recognition of Professor Dwyer's services and achievements, he was awarded a Doctorate honoris causa at the Fall Commencement of the University of Windsor where he was the Commencement speaker.

Leon Gilford has accepted the position of Chief Statistician and Director of the office of Automatic Data Processing with the United States Tariff Commission.

Dr. Konanur G. Janardan has been appointed Associate Professor of Mathematics at Sangamon State University, Springfield, Illinois, effective September 1, 1971.

Dr. B. K. Kale has been appointed Head of the Department of Statistics at the University of Manitoba.

Stanley L. Sclove is spending the 1971–1972 academic year as Visiting Assistant Professor at Stanford University.

Dr. F. T. Wright has been promoted to Associate Professor at the University of Iowa.

Dr. George Woodworth has been appointed Associate Professor in the Department of Statistics, University of Iowa, effective September 1, 1971.

Dr. Hedayat Yassdee (formerly Yassemaibodi) has been appointed Assistant Professor in the Mathematical Science Department of Arya–Mehr University of Technology, Tehran, Iran.

New Members

- Anderson, Clive W.**, Ph.D. (University of London); Lecturer, University of London.
- Anderson, William James**, Ph.D. (McGill University); Assistant Professor, McGill University.
- Cumberland, William Glen**, B.Sc. (McGill University); Graduate Student, The Johns Hopkins University.
- Desjardins, Nicole (Mrs.)**, M.Sc. (McGill University); Financial Analyst, Bell, Canada.
- Eberhardt, Keith R.**, B.S. (Case Western Reserve University); Graduate Student, The Johns Hopkins University.
- Fay, Robert E. III**, B.S. (University of Chicago); Graduate Student, University of Chicago.
- Fernández de al Reguera, Pedro B.**, P.Mat. (University of Chile); Graduate Student, University of Madrid.
- Geng, Shu**, M.S. (Kansas State University); Graduate Research Assistant, Kansas State University.
- Grandell, Jan**, Fil. lic. (University of Stockholm); Fil. lic., University of Stockholm.
- Greenwood, George L.**, M.A. (University of Rochester); Graduate Student, University of Rochester.
- Groves, John E.**, M.A. (University of California); Graduate Student, Kansas State University.
- Hamlin, Randall N.**, B.S. (Oregon State University); Teaching Assistant, Oregon State University.
- Hazra, Prabhat K.**, M.Sc. (University of Calcutta); Graduate Student, University of Delaware.
- Holmes, Celestine Traynham**, M.S. (The Johns Hopkins University); Chemist, Edgewood Arsenal.
- Hong, Suk-kang**, B.S. (Dong Guk University); Graduate Student, University of Rochester.
- Hsu, Der-Ann**, B.A. (National Taiwan University); Graduate Student, University of Wisconsin.
- Hwang, Tea-Yuan**, M.S. (University of Wisconsin); Graduate Student, University of Wisconsin.
- Killeen, Timothy J.**, Ph.D. (Pennsylvania State University); Assistant Professor, University of Connecticut.
- Koal, Ralph F.**, M.A. (New York University); Instructor, Grays Harbor College.
- Lagakos, Stephen William**, B.S. (Carnegie-Mellon University), Graduate Student, The George Washington University.
- Lai, Tze Leung**, M.A. (Columbia University); Graduate Student, Columbia University.
- Lee, Alan J.**, M.A. (University of Auckland); Graduate Assistant, University of North Carolina.

- Lester, William L.**, M.S. (Prairie View A & M College); Graduate Student, Southern Methodist University.
- Lewis, James L.**, Ph.D. (Purdue University); TRW, Inc.
- Lu, Chien-Sau Paul**, M.S. (Miami University); Graduate Assistant, Columbia University.
- Mahoney, Frank J. III**, Ph.D. (Rensselaer Polytechnic Institute); Operations Research Officer, United States Air Force.
- Marchat, Françoise Annie**, Doctorat (University of Paris); Graduate Student, University of California, Berkeley.
- McBride, James A.**, M.A. (University of Chicago); NSF Trainee, University of Chicago.
- McDonald, Gerald M.**, M.S. (The George Washington University); Supervisor, Systems Analysis Group, Challenger Research, Inc.
- McGarty, Terrence P.**, Ph.D. (Massachusetts Institute of Technology); Member Technical Staff, Bell Laboratories.
- McKean, Joseph W.**, M.S. (University of Arizona); Assistant Professor, Waynesburg College.
- Mietlowski, William L.**, M.A. (University of Rochester); Teaching Assistant, University of Rochester.
- Mills, Michael J.**, B.A. (University of Colorado); Biostatistics Trainee, University of Washington.
- Morales de Gonzalez, Josefina**, M.S. (University of Puerto Rico); Assistant Professor, University of Puerto Rico.
- Niemi, Hannu Olavi**, lic. Philos. (University of Helsinki); Assistant, University of Helsinki.
- O'Brien, Michael John**, B.A. (The George Washington University); Graduate Student, The George Washington University.
- O'Reilly, Federico J.**, M.S. (Cienas); Graduate Student, North Carolina State University.
- Orense, Marcelo M.**, Ph.D. (North Carolina State University); Associate Professor and Chairman Department Mathematics, Ateneo de Manila University.
- Ott, David A.**, M.S. (Clemson University); Graduate Student, Clemson University.
- Pomarede, Jean-Michel**, M.Ph. (Yale University); Graduate Student, Yale University.
- Quiring, John N.**, B.S. (Roosevelt University); Graduate Student, University of Minnesota.
- Rose, John S.**, Ph.D. (Northwestern University); Assistant Professor, University of Virginia.
- Rupke, James Alvin**, M.S.; Associate Research Engineer, Willow Run Laboratories.
- Russell, Donald R.**, M.S. (Clemson University); Teaching Assistant, Clemson University.
- Seila, Andrew F.**, B.S. (University of North Carolina); Graduate Student, University of North Carolina.

- Sen, Ashish**, Ph.D. (Toronto University); Assistant Professor, University of Illinois at Chicago Circle.
- Shaw, Douglas E.**, M.S. (University of Wisconsin); Graduate Student, University of Wisconsin.
- Shiffer, Irwin J.**, A.B. (Boston University); Graduate Student, North Carolina State University.
- Stanley, Kenneth E.**, M.A. (Bucknell University); Graduate Assistant, University of Florida.
- Stein, William E.**, M.S. (Purdue University); Graduate Assistant, University of North Carolina.
- Todorovic, Petar N.**, Ph.D. (Belgrade University); Associate Professor, Colorado State University.
- Villasenor, Jose A.**, M.S. (Colegio de Postgraduados, Chapingo); Graduate Student, Iowa State University.
- Weldon, Kenneth Laurence McCrea**, Ph.D. (Stanford University); Assistant Professor, University of Toronto.
- Woodruff, Stephen M.**, B.Sc. (University of British Columbia); Division Comptroller, United States Army.
- Yamashita, Yuuji**; Teacher, Hiroshima Kokutaiji Senior High School.
- Zarnett, Gerald D.**, M.A. (University of Toronto); Associate Research Engineer, Ontario Research Foundation.

We have just learned of the untimely deaths of L. J. Savage on November 1 and George E. Nicholson, Jr. on December 3, 1971. The Institute of Mathematical Statistics and the whole profession is saddened by these losses.

ACKNOWLEDGMENT OF REFEREES' SERVICES

The following have served as referees of papers for the ANNALS. Thanks are due to each of them for their generous and unselfish assistance. I. OLKIN

I. Abrahamson	E. Dudewicz	M. Kac
R. Ahlswede	V. Dupač	S. Katti
D. Allen	J. Durbin	E. S. Keeping
V. Anderson	R. Dykstra	J. Keilson
J. Arvesen	W. Eberl	J. Kiefer
K. Athreya	K. B. Erickson	A. Kinderman
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A. Baranchik	W. Federer	F. Knight
I. Barrodale	J. Feldman	W. Knight
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N. Bingham	A. Gelfand	T. Kurtz
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S. Rosencrans	T. C. Sun	N. Zaino
A. Ruegg	K. Suryanarayana	G. Zyskind
H. Sackerowitz	M. Tartar	

REPORT OF THE COLUMBIA MISSOURI-CENTRAL REGIONAL MEETING OF THE INSTITUTE OF MATHEMATICAL STATISTICS

The one hundred thirtieth meeting of the Institute of Mathematical Statistics was held at the University of Missouri at Columbia on May 5-7, 1971. The meeting was held in conjunction with the Iowa, Kansas-Western Missouri, and Nebraska sections of the American Statistical Association.

One hundred thirty five registered for the meeting and there were eighteen contributed papers. The following invited papers listed by session in order of appearance were presented.

Probability

1. "Gaussian Processes," G. Kallianpur, University of Minnesota.
2. "Recent Developments in Branching Processes," K. B. Athreya, University of Wisconsin.

Monte Carlo Methods

3. "Mathematical Models for Physical Random Number Generators," Joseph M. Cook, Argonne National Laboratories.

4. "Estimating the Accuracy of Quasi-Monte Carlo Integration," John H. Halton, University of Wisconsin.
5. "Some Fast Methods of Generating Random Variables with Preassigned Distributions," Herman Rubin, Purdue University.

Sequential Adaptive Decisions

6. "Some Origins and Aspects of Adaptive Control," Sidney J. Yakowitz, Naval Postgraduate School.
7. "Adaptive Aspects of Empirical Bayes Procedures," John R. Van Ryzin, University of Wisconsin.

Discussant: Judah Rosenblatt, Case Western Reserve University.

Design and Linear Model Theory

8. "Optimal Experimental Design for Polynomial Regression," S. Stigler, University of Wisconsin.
9. "Fixed Linear Model Theory," G. Zyskind, Iowa State University.
10. "Mixed Linear Model Theory," J. Seeley, Oregon State University.

Applications of Nonparametric Statistics

11. "Analysis of Ordinal Scale Data in Chemical Engineering Problems," H. Smith Haller, B. F. Goodrich Chemical Co.
12. "Applications of Nonparametric Statistics in the Pharmaceutical Industry," James E. Warner, Upjohn Co.
13. "A Distribution-Free Sequential Probability Ratio Test for a k sample Problem with Applications to Radar Signal Detection." Charles Antoniak, University of California at Berkeley, and George Dillard, NELC, San Diego.
14. "Applications of Nonparametric Statistics to Psychology," Ewart Thomas, University of Michigan.

The program committee consisted of Martin Fox, Michigan State University, (Chairman), Charles Bell, University of Michigan, Donald Burkholder, University of Illinois, Oscar Kempthorne, Iowa State University, Herman Rubin, Purdue University, and Shelley Zacks, Case Western Reserve University. The Secretaries for the meeting were R. V. Hogg (Program), J. Klotz (associate), and S. K. Katti (assistant).

JEROME KLOTZ
Associate Secretary

THE ADVANCED INSTITUTE ON STATISTICAL ECOLOGY IN THE UNITED STATES TO BE HELD AT PENN STATE DURING JUNE-JULY, 1972

With the financial support of the National Science Foundation, an Advanced Institute on Statistical Ecology in the United States will be held at the Pennsylvania State University during June 19, 1972–July 28, 1972 under the joint sponsorship of the International Statistical Institute and the International Association of Ecology. The present Institute is one of the several Advanced Institutes on Statistical Ecology Around the World proposed by the Statistical Ecology Section of the International Association of Ecology. The members of the council are: D. G. Chapman, D. R. Cox, B. Matern, G. P. Patil (Chairman), E. C. Pielou, C. R. Rao, D. S. Robson and J. G. Skellam.

The purpose of the Advanced Institute is to provide advanced and specialized education and research training on important topics in statistical ecology. Preference will be given to the graduate faculty, post-doctorals, advanced graduate students and research scientists involved in statistical ecology. A selection committee will screen the applications and select the participants. The National Science Foundation has provided funds for support of the participants. Invitations have been and are being sent out to the prospective instructional staff and the guest lecturers. The National Science Foundation has provided funds to cover the travel and the salaries and/or honorarium for the invitees.

Those interested may write to Professor G. P. Patil, Director, Advanced Institute on Statistical Ecology, 330 McAllister Building, University Park, Penn., 16802.

FELLOWSHIP AND RESEARCH OPPORTUNITIES IN THE MATHEMATICAL SCIENCES

In its annual brochure on Fellowship and Research Opportunities in the Mathematical Sciences, the Division of Mathematical Sciences of the National Research Council calls attention to a number of fellowships and other kinds of support for research in the mathematical sciences at both the predoctoral and postdoctoral levels to be awarded during the year 1971–72. Copies of this brochure are available from:

Division of Mathematical Sciences
National Research Council
2101 Constitution Avenue, N.W.
Washington, D.C. 20418.

NEW EDITION OF CAREERS IN STATISTICS BROCHURE

A new edition of the brochure, *Careers in Statistics*, is being prepared by COPSS (Committee of Presidents of Statistical Societies). The committee preparing the new

edition consists of Stephen E. Fienberg (Chairman), Abraham J. Berman, Wallace R. Blischke, Linda M. Clark, Dorian Feldmen, Susan D. Horn, Joseph B. Kadane, Marvin A. Kastenbaum, Gary G. Koch, Nancy R. Mann, and Barry H. Margolin.

The brochure is sent by ASA, IMS and the Biometric Society in response to inquiries about statistics from high school and college students. Individual departments at many universities use it in similar ways. As a result, the brochure plays an important role in the recruitment of statistics students, both at the undergraduate and graduate level.

Copies of the current edition of the brochure are available from The American Statistical Association, 806 18th Street, N.W., Washington, D.C. 20006.

Comments on the current edition, and suggestions and material for possible inclusion in the new edition, should be sent to Dr. Stephen E. Fienberg, Department of Statistics, University of Chicago, 1118E. 58th Street, Chicago, Illinois 60637.

NEW I.M.S. BULLETIN

The Council of the Institute of Mathematical Statistics voted, at the 1971 Annual Meeting, that the Institute publish a new journal of news, notices, and other non-technical matters beginning in 1972. The new journal, to be called *The Institute of Mathematical Statistics Bulletin* will contain news and notices, announcements, abstracts and meeting program information, and other material. It will be issued by the office of the Executive Secretary five to eight times per year in format suitable for shelving with the *Annals*. All members and subscribers will receive the *I.M.S. Bulletin*. The first issue is scheduled to appear in January, 1972.

ABSTRACTS TO EXECUTIVE SECRETARY

Abstracts of papers contributed in person or by title will appear in the new *I.M.S. Bulletin* beginning in 1972 and will no longer be printed in the *Annals*. Effective immediately, abstracts should be sent to the Executive Secretary rather than the Managing Editor.
