NEWS AND NOTICES

Personal Items

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

Professor H. B. Mann has accepted a Professorship in the Department of Mathematics at the University of Arizona in Tucson, Arizona starting September 1970.

Professor N. U. Prabhu of Cornell University will be at the Mathematics Research Center, University of Wisconsin during July 1970–August 1971.

Dr. Vasant B. Waikar, Assistant Professor in the Department of Mathematics, Miami University, Oxford, Ohio, will be on leave during 1970–1971 to do research at the Aerospace Research Laboratory, Wright–Patterson AFB, Ohio.

Professor Peter C.-C. Wang, visiting at Stanford University (1969–1970), has been appointed Visiting Associate Professor in the Statistics Department of Stanford University for the academic year 1970–1971.

New Members

Araya, Peter A., M.S.; Corporate Consultant Operations, The Coca-Cola Company.

Bailey, James I., M.S., (New York University); Scientist, Boon–Allen Applied Research, Inc.

Bailey, R. Clifton, M.S., (Iowa State University); Graduate Student, Emory University.

Belinsky, Morton M., M.Sc., (McGill University); Lecturer, Sir George Williams University.

Balkhy, Hassan O., A.M., (University of Missouri); Graduate Student, University of Missouri.

Bhalerao, Narayan Rangnath, M.Stat., (Indian Statistical Institute); Graduate Student, University of Wisconsin.

Bushnell, Jon L., M.S., (Case Institute of Technology); Graduate Student, Case Western Reserve University.

Chang, Chit F., M.S., (Western Illinois University); Graduate Assistant, University of Georgia.

Fellner, William H., M.A. (University of California, Berkeley); Assistant Professor, University of California, Irvine.

Grams, William, F., M.S., (University of North Dakota); Graduate Student, Florida State University.

Gupta, Baikunth N., M.A., (Punjab University); Graduate Student, University of Queensland.

Hoaglin, David C., B.S., (Duke University); Graduate Student, Princeton University.

Huntington, Phyllis E. M., M.S., (Howard University); Mathematical Statistician, United States Department of Transportation.

Jones, Roger Daniel Hewart, Ph.D., (Virginia Polytechnic Institute); Assistant Professor, University of Georgia.

Kageyama, Sanpei, M.S., (Hiroshima University); Faculty of Science, Hiroshima University.

Kneisler, Theodore F., M.S., (Rutgers University); Teaching Assistant, Rutgers, University.

Kruskal, Joseph B., Ph.D., (Princeton University); Technical Staff, Bell Telephone Laboratories.

Kuo, Wen Hou, M.S., (Michigan State University); Graduate Assistant, Michigan State University.

Lee, Jack C., M.A., (University of Rochester); Graduate Assistant, State University of New York, Buffalo.

Lee, Jae Chang, M.S., (Ohio State University); Graduate Student, Ohio State University.

Mason, Robert L., B.S., (St. Mark's University); Graduate Student, Southern Methodist University.

Mÿnheer, Joop L., M.S., (University of Amsterdam); Research Worker, University of Leiden.

Nair, Sreekantan S., Ph.D., (Purdue University); Instructor, Purdue University.

Oprian, Charles Allen, M.S., (Ohio State University); Teaching Assistant, Ohio State University.

Pakes, Anthony G., M.Sc., (Melbourne University); Research Student, Monash University.

Papadopoulos, Constantino I., M.A., (Wayne State University); Graduate Assistant, Wayne State University.

Phadia, Eswarlal G., M.S., (Ohio State University); Teaching Assistant, Ohio State University.

Ray, Rose M., B.A., (University of California, Berkeley); Graduate Student, University of California, Berkeley.

Rojas, Patricio, M.S., (Cienes, Chile); Professor, University of Chile.

Samuel, Chung-siung Kao, M.S., (National Tsing-Hua University); Graduate Student, Columbia University.

Schassberger, Rolf, Ph.D., (University of Stuttgart); Assistant Professor, University of Stuttgart.

Sengupta, Sailes Kumar, Ph.D., (University of California, Berkeley); Assistant Professor, University of Missouri.

Sengupta, Sumedha, Ph.D., (Indian Institute of Technology, Kharagpur).

Singh, Rana Pratap, M.S., (Banaras Hindu University); Graduate Student, University of Windsor.

Walker, James W., Ph.D., (University of North Carolina); Professor, Georgia Institute of Technology.

Webber, William Fred, M.S., (Texas Christian University); Mathematical Analyst, LTV Electro-system.

Yin, Barbara H., M.A., (Wayne State University); Graduate Student, Wayne State University.

Yndgaard, Ebbe, Cand. Polit., (University of Copenhagen); Lektor, University of Aarhus.

Zaino, Nicholas A., Jr., M.S.E.E., (University of Pennsylvania); Senior Development Engineer, Eastman Kodak Company.

REPORT OF THE DALLAS CENTRAL REGIONAL MEETING OF THE INSTITUTE OF MATHEMATICAL STATISTICS

The one-hundred twenty-fourth meeting of the Institute of Mathematical Statistics was held at Southern Methodist University, Dallas, Texas on April 8–10, 1970. The meeting was held in conjunction with the Biometric Training, and Physical and Engineering Sciences Sections of the American Statistical Association.

One hundred and thirty-three people attended the meeting of which one hundred and two registered and eighty-five were IMS members. There were thirty-two contributed papers presented. Abstracts appear in earlier issues of the Annals.

The following invited papers listed by session in order of appearance were presented.

Decision Theory

1. "Sequential Designs for the Estimation of the Common Mean of Two Normal Distributions," S. Zacks, University of New Mexico.

2. "Characterizing Exponential Families in a General Setting by Sufficient Statistics," J. Denny, University of Arizona.

Density Estimation

3. "Nonparametric Probability Density Estimation," Edward Wegman, University of North Carolina.

4. "On a Histogram Method of Density Estimation," John Van Ryzin, University of Wisconsin.

Inference

5. "Some Information Theory Aspects of Statistical Inference," Takis Papaioannou, Iowa State University.

6. "Some Information Theory Properties of Bahadur Efficiency," Ray Littell, Oklahoma State University.

Life Testing

7. "Prediction Intervals Associated with Life Tests," John Hewett, University of Missouri.

8. "Some Recent Results in Bayesian Life Testing," Robert Lochner, Marquette University.

9. "Life Estimation and Renewal Theory," A. M. Kshirasagar, Southern Methodist University.

Trends and Training of Statisticians

10. "The Responsibilities of Statistics as a Discipline," Paul D. Minton, Southern Methodist University.

11. "Core Curriculum and Core Staff in Statistical Instruction," Patrick L. Odell, Texas Technological University.

12. "The Role of the Computer in Teaching Statistics," W. G. Bulgren, University of Kansas.

13. "New Orientations in the Offerings of a Statistics Department," H. O. Hartley, Texas A & M University.

14. "Some Prior Probabilities on the Future of Statistics," Leroy Folks, Oklahoma State University.

Experimental Design

15. "Recent Trends and Developments in Studies on Optimal Experimental Designs," Shelly Zacks, University of New Mexico.

16. "Modified Foldover Designs for 2^n Factorials," Peter W. M. John, University of Texas.

17. "Optimal Balanced Designs on Resolution IV: 2^m Series," D. A. Anderson, University of Wyoming, and J. N. Srivastava, Colorado State University.

Discussants included Thomas Cover, Stanford University, Stuart Schwartz, Princeton University, and C. V. Chopra, Wichita State University. The program committee consisted of P. W. M. John, (Chairman), J. L. Folks, M. Fox, S. K. Katti and T. Robertson. The secretaries for the meeting were R. V. Hogg (program), J. Klotz (associate), C. H. Kapadia (assistant), L. Katz (executive).

JEROME H. KLOTZ
Associate Secretary

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REPORT OF THE CHAPEL HILL MEETING OF THE INSTITUTE OF MATHEMATICAL STATISTICS

The one hundred twenty-fifth meeting of the Institute of Mathematical Statistics was held at the University of North Carolina, Chapel Hill, on May 5–7, 1970. The meeting was held in conjunction with meetings of the Biometric, Physical and Engineering Sciences, and Training Sections of the American Statistical Association, the Biometric Society, and the Second Chapel Hill Conference on Combinatorial Mathematics and Its Applications. Two hundred and twenty-eight members of the Institute registered for the meeting. There were fifty-one contributed papers presented in person. Abstracts of these papers appear in earlier issues of the Annals. The following invited papers were presented.

1. "Limit Theorems for Rank Statistics," Jaroslav Hájek, Florida State University and Charles University.

2. "Recent Results on Generalized Bayes Procedures," Roger H. Farrell, Cornell University.

3. "Limiting the Maximum Coordinate Risk of Stein's Compound Bayes Estimator," Carl N. Morris, Rand Corporation and Harvard University.

4. "Zero Crossings of Gaussian Processes as Stationary Streams," Donald Geman, Northwestern University.

5. "Branching Renewal Processes," Peter A. W. Lewis, Imperial College, University of London, and IBM Research Center.

6. "Some Fundamental Relationships for Point Processes," Robert J. Serfling, Florida State University.

7. "The Empirical Bayes Approach in Statistical Practice," John B. Copas, State University of New York at Buffalo and University of Essex.

8. "Scientific Reporting and Personal Probability," James M. Dickey, State University of New York at Buffalo.

9. "Foundations of Subjective Probability and Utility," Peter C. Fishburn, Research Analysis Corporation.

10. "The Role of Utility in Probability Assessment and Evaluation," Allan H. Murphy, University of Michigan.

11. "The Roles of Personal Probability," Leonard J. Savage, Yale University.

12. "Some Problems in Regression Design and Approximation Theory," Grace Wahba, University of Wisconsin.

13. "Optimal Designs for Spline Regressions and Multivariate Polynomial Extrapolation," W. J. Studden, Purdue University.

14. "Optimum Design of a Two-Factor Experiment Using Prior Information," R. J. Owen, University of Michigan.

15. "Some Combinatorial Problems in the Construction of Optimal Balanced Fractional Factorial Designs," J. N. Srivastava, Colorado State University, and D. V. Chopra, Wichita State University.

16. "Use of Fractional Factorial Designs for Information Retrieval," Gary G. Koch, University of North Carolina.

17. "A Characterization of Rotatable Arrangements," Lawrence L. Kupper, University of North Carolina.

Discussants were Ronald Pyke, University of Washington; J. Sethuraman, Florida State University; Z. Govindarajulu, University of Kentucky; Stanley Sclove, Carnegie Mellon University; Alvin Baranchik, Columbia University; and J. G. Kalbfleisch, University of Waterloo.

The program committee consisted of James M. Dickey (chairman), R. C. Bose, Morris L. Eaton, Richard A. Olshen, Walter L. Smith, Robert L. Winkler, and Donald Ylvisaker. The secretaries for the meeting were Robert V. Hogg (program), Myles Hollander (associate), and Gordon Simons (assistant).

MYLES HOLLANDER
Associate Secretary

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SYMPOSIUM ON STATISTICAL DECISION THEORY
AND RELATED TOPICS

The Department of Statistics of Purdue University is organizing a Symposium on Statistical Decision Theory and Related Topics, November 23, 24 and 25, 1970 as part of the special year in Mathematical Statistics and Probability. A program is planned for a number of invited talks by noted speakers. Also a limited number of contributed talks on new research in this field will be given. The scheduling will allow ample time for formal and informal discussions.

The Symposium Committee invites interested contributors to submit abstracts for contributed talks. Abstracts and inquiries should be addressed to:

SYMPOSIUM ON STATISTICAL DECISION THEORY
DEPARTMENT OF STATISTICS
PURDUE UNIVERSITY
LAFAYETTE, INDIANA 47907.

TRAVEL GRANTS

Travel Grants will be made to a number of qualified university people, especially to younger members of the academic community, active in the field of information processing for attendance at IFIP Congress 71, to be held in Ljubljana, Yugoslavia, August 23–28, 1971. These triennial congresses are sponsored by the International Federation for Information Processing (IFIP). Applications may be obtained from the

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

Applications must be received on or before December 31, 1970.