

NEWS AND NOTICES

Readers are invited to submit to the Secretary of the Institute news items of interest

Personal Items

Dr. Om P. Aggarwal, formerly Research Assistant at Stanford, received his Ph.D. degree in statistics from Stanford University and is now Assistant Professor in the Department of Mathematics, University of Washington, Seattle.

Dr. P. H. Anderson has accepted a position as a price economist with the Office of Price Stabilization, Washington, D. C.

Mr. George F. Cramer has accepted a position as Staff Scientist with the recently established Computing Center of the Engineering Research Associates Division of Remington Rand Inc. at Arlington, Virginia.

Dr. Harald Cramér, Rector of the University of Stockholm, has accepted a Visiting Professorship in the Department of Mathematics, University of California, Berkeley, for the Fall Semester, 1953, and will be in the Statistical Laboratory beginning the middle of July.

Mr. Richard DeLancie has been released from active duty as a Lieutenant Commander in the Naval Reserves to accept a civilian position as an Operations Analyst with Headquarters, Western Air Defense Force, Hamilton Air Force Base, California.

Dr. Francis W. Dresch, formerly Director of Computation and Ballistics, U. S. Naval Proving Ground, Dahlgren, Virginia, is working in the Economics Division, Operations Research, and acting as consultant on statistics, mathematics and computing machinery at Stanford Research Institute, Stanford, California.

Dr. Meyer Dwass, formerly with the Office of the Assistant Director for Statistical Standards, U. S. Bureau of the Census, has joined the staff of the Department of Mathematics, Northwestern University as an Assistant Professor.

Professor Evelyn Fix was granted a leave of absence January 5 to March 31, 1953 from the Statistical Laboratory, University of California, Berkeley to teach at the Sampling Demonstration Center for the Government of Thailand under the auspices of the Food and Agriculture Organization of the United Nations.

Professor H. M. Gehman, Chairman of the Department of Mathematics of the University of Buffalo, has been serving as Acting Dean of the Graduate School of Arts and Sciences during the first semester of 1952-53.

Dr. T. N. E. Greville of the National Office of Vital Statistics, Public Health Service, has been appointed a technical adviser in Vital and Health Statistics at the Institute of Inter-American Affairs, Rio de Janeiro, Brazil.

Mr. Charles H. Hubbell has completed a tour of active duty with Project *Scoop*, HQ, USAF and is now a research assistant in the Decision Processes Research Project of the Ford Foundation at the University of Michigan.

Dr. Gopinath Kallianpur has returned to India after spending the last academic year at the Institute for Advanced Study, Princeton, New Jersey.

Mr. Wharton F. Keppler, formerly Statistical Analysis Director for M. & R. Dietetic Laboratories, Inc., has been since March, 1952, Staff Analytical Statistician (Engineering) to the Quality Control Directorate, Central Air Procurement District, USAF, Detroit, Michigan.

Mr. Nathan Keyfitz has been granted a year's leave of absence by the Dominion Bureau of Statistics in Ottawa to serve as statistical consultant in Indonesia under the United Nations Technical Assistance Program.

Mr. Gunnar Kulldorf from the University of Lund, Sweden, was awarded a Fellowship from the Sweden-America Foundation and has spent the academic year 1952-53 in the Statistical Laboratory, University of California, Berkeley, and in the Department of Mathematical Statistics, University of North Carolina, Chapel Hill.

Dr. Charles R. Langmuir has been granted a leave from Syracuse University, and has been elected a member and director of the Educational Research Corporation and appointed Research Associate.

Mr. R. B. Murphy, formerly at Carnegie Institute of Technology, is now associated with the Bell Telephone Laboratories, Inc.

Dr. Donald B. Owen, formerly Instructor in mathematics at the University of Washington, has joined the staff of the Mathematics Department at Purdue University as an Assistant Professor and Consultant in the Statistical Laboratory.

Dr. Stefan Peters has accepted the position of actuary with Morss and Seal, Consulting Actuaries, New York.

Mr. Sixto Rios, Catedrático of Mathematical Statistics, University of Madrid, has been appointed as Director of the Statistical School, University of Madrid.

Dr. Murray Rosenblatt, Assistant Professor of Statistics at the University of Chicago, will visit the Institute of Mathematical Statistics in Stockholm from April to December, 1953. He will continue research with Ulf Grenander on time series analysis initiated when the latter spent the year 1951-52 as Visiting Assistant Professor at Chicago.

Professor Henry Scheffé, Department of Mathematical Statistics, Columbia University, has accepted the position of Professor and Assistant Director of the Statistical Laboratory, University of California, Berkeley, beginning with the Fall term 1953.

Dr. R. W. Shephard of the Rand Corporation has accepted a position with the Sandia Corporation, Albuquerque, New Mexico.

Professor Jack Silber of Roosevelt College has returned from a tour of duty as Operations Analyst with the Fifth Air Force in Korea.

Mr. Oliver A. Shaw, recalled to active duty with the Air Force in 1951, is now stationed at Mather AFB, California. Major Shaw was teaching mathematics at the University of Mississippi at the time he was recalled to active duty.

Mr. John R. Sullivan has returned to his position as Assistant Professor of Mathematics at Clemson College, South Carolina, after a two-year leave of absence for graduate study in the Department of Mathematical Statistics at the University of North Carolina.

Summer Statistical Seminar at the University of Connecticut

The University of Connecticut will hold its fourth annual Summer Seminar in Statistics from August 10 through 28, 1953. The general plan provides for one or two seminar sessions daily and a clinic on the treatment of problems in application.

The subjects for discussion together with their organizers are: August 10-14, "Statistical Methodology in Physics," Dr. E. W. Pike with Dr. Churchill Eisenhart and Dr. E. P. King; August 17-21, "Statistics in Biometry and Medicine," Professor G. Beall with Dr. I. Bross and Dr. D. Mainland; August 24-28, (i) "ASA Handbook," Professor F. Mosteller, (ii) "Performance and Reliability of Complex Mechanical Assemblies," Professor G. H. Shortley.

Persons interested are invited to attend any or all sessions. For more detailed information, write the Secretary of the Seminar, Professor Geoffrey Beall, Statistical Laboratory, University of Connecticut, Storrs, Connecticut.

Doctoral Dissertations in Statistics, 1952

Listed below are the doctorates conferred during the year 1952 in the United States and Canada for which the dissertations were written on topics in statistics (or for a degree in statistics). The university, month in which degree was conferred, major subject, minor subject, and the title of the dissertation are given in each case if available.

A. G. Anderson, Michigan, February, major in statistics, "The Prediction of Quantitative Characteristics in Polygenic Systems."

J. B. Bartoo, State University of Iowa, June, major in mathematics, "Certain Theorems on Order Statistics."

C. A. Bennett, Michigan, June, major in statistics, "Asymptotic Properties of Ideal Linear Estimators."

W. H. Clatworthy, North Carolina, August, major in mathematical statistics, "Partially Balanced Incomplete Block Designs with $r < k$."

E. L. Cox, North Carolina, major in experimental statistics, "On Estimating Size of Biological Populations."

M. Dwass, North Carolina, August, major in mathematical statistics, "On the Large Sample Power of Certain Rank Order Tests."

F. E. Freund, Pittsburgh, August, "Some Methods of Estimating Prior Probabilities from Heterogeneous Populations."

S. G. Ghurye, North Carolina, August, major in mathematical statistics, "Some Problems in the Theory of Stochastic Difference Equations."

F. A. Graybill, Iowa State College, June, major in statistics, "On Quadratic Estimates of Variance Components."

W. C. Guenther, Washington, December, major in mathematical statistics, "On Testing Whether or Not a Given Percentile of One Distribution is Less Than or Equal to a Given Percentile of Another Distribution."

K. D. C. Haley, Stanford, major in statistics, minor in mathematics, "Estimation of the Dosage Mortality Relationship When the Dose is Subject to Error."

A. T. James, Princeton, October, major in statistics, "Group Methods in Normal Multivariate Distribution Theory."

T. A. Jeeves, California (Berkeley), June, major in statistics, "Identifiability and Almost-Sure Estimability of Linear Structures in n -Dimensions."

J. C. Kiefer, Columbia, May, major in mathematical statistics, "Contributions to the Theory of Games and Statistical Decision Functions."

L. M. Le Cam, California (Berkeley), June, major in statistics, "On Some Asymptotic Properties of Maximum Likelihood Estimates and Related Bayes' Estimates."

M. R. Mickey, Jr., Iowa State College, July, major in statistics, "An Application of Sequential Tests to a Problem of Quality Control."

W. J. Moonan, Minnesota, December, major in statistics, "The Generalization of the Principles of Some Modern Experimental Designs for Psychological and Educational Research."

H. Raiffa, Michigan, February, major in statistics, "Arbitration Systems for Generalized Two-Person Games."

N. Rudy, Chicago, August, major in statistics, "Some Problems in the Economics of Industrial Sampling Inspection."

A. R. Sen, North Carolina, major in experimental statistics, "Further Developments of the Theory and Application of the Selection of Primary Sampling Units, with Special Reference to the North Carolina Agricultural Population."

K. W. Smillie, University of Toronto, June, major in statistics, "A Mathematical Treatment of Certain Movements of Fish—An Application of the Theory of Markov Processes."

R. F. Tate, California (Berkeley), June, major in statistics, "Contributions to the Theory of Random Numbers of Random Variables."

D. J. Thompson, Iowa State College, August, major in statistics, "A Theory of Sampling Finite Universes with Arbitrary Probabilities."

C. K. Tsao, Oregon, June, major in mathematical statistics, "A General Class of Discrete Distributions and Mixtures of Distributions."

G. S. Watson, North Carolina, major in experimental statistics, "Serial Correlation in Regression Analysis."

R. E. Wheeler, Kentucky, June, "A Variable Probability Distribution Function."

P. Whidden, Carnegie Institute of Technology, June, major in mathematics, "A Criterion for Measuring Closeness of Probability Distributions."

The following names were omitted from the 1951 list of doctoral dissertations in statistics.

R. W. Allen, St. Louis, June, 1951, "Compound Statistical Distribution Functions."

W. W. Jacobs, George Washington University, May, 1951, major in mathematical statistics, "Random Matrices."

New Members

The following persons have been elected to membership in the Institute

(November 27, 1952 to February 18, 1953)

- BARTOO, JAMES B., Ph.D. (State Univ. Iowa), Assistant Professor, Department of Mathematics, Pennsylvania State College, State College, Pennsylvania.
- BERSHAD, MAX A., B.S. (College of the City of New York), Statistician, Statistical Research Section, Bureau of the Census, 1661 Ft. Du Pont St., S.E., Washington 20, D. C.
- BINGHAM, RICHARD STEPHEN JR., B.S. (Carnegie Inst. of Tech.), Quality Control Supervisor, Atlas Powder Company, Volunteer Ordnance Works, 1413 Wright Street, Chattanooga, Tennessee.
- CLARKE, A. BRUCE, Ph.D. (Brown Univ.), Instructor, Department of Mathematics, University of Michigan, Ann Arbor, Michigan.
- DEEKS, HERBERT W. G., M.S. (Univ. of London), Statistician to the Directorate General of Works in the Ministry of Works, London, Eversfield Red Hill, Chislehurst Kent, England.
- EICH, EDWARD D., B.S. (Mass. Inst. of Tech.), Electrical Engineer, Anaconda Wire & Cable Company, Anaconda Wire & Cable Company, Hastings-on-Hudson, New York.
- EKBLOM, STAFFAN, F.K. (Univ. of Stockholm), Research Assistant, Norrtullsgatan 16, Stockholm, Sweden.
- EKLIND, JAN-ROBERT, F.K. (Univ. of Stockholm), Instructor in Mathematical Statistics, University of Stockholm, Norrtullsgatan 16, Stockholm, Sweden.
- FEDERSPIEL, CHARLES F., A.M. (Univ. of Michigan), Statistician, Communicable Disease Center, U. S. Public Health Service, 169 Eighth St. N.E., Atlanta 5, Georgia.
- GILBERT, JOHN P., B.A. (St. John's College), Supervisor of Computers, Statistical Research Center, University of Chicago, 5719 Dorchester Avenue, Chicago 37, Illinois.
- HOPPER, GRACE M., Ph.D. (Yale Univ.), Systems Engineer, Remington Rand Inc., Walnut Park Plaza, Walnut at 63rd St., Philadelphia 39, Pennsylvania.
- HOY, WALTER W., M.A. (Ohio State Univ.), Graduate Student, Ohio State University, 55½ E. Norwich Avenue, Columbus 1, Ohio.
- HUSEIN, HASAN M., Ph.D. (Leeds Univ.), Professor of Statistics, Faculty of Commerce, Fouad University, Cairo, 28, Mobtadayan Street, Cairo, Egypt.
- KEMPERMAN, JOHAN H. B., Ph.D. (Univ. of Amsterdam), Visiting Professor, Department of Mathematics, Purdue University, West Lafayette, Indiana.
- MCQUAID, GERTRUDE A., A.B. (Hunter College), Graduate Student, New York University, 3034 Grand Concourse, New York 58, New York.
- MURPHY, JOHN E., M.A. (Columbia Univ.), Statistical Analyst, Bristol-Myers Products Division, c/o Bristol-Myers Products Division, 630 Fifth Avenue, New York 20, New York.
- PENG, KAN-CHEN, M.S. (Univ. of Michigan), Statistical Quality Control Engineer, Parke, Davis & Company, 323 Seward, Detroit, Michigan.
- PILLAI, K. C. SREEDHARAN, M.S. (Univ. of Travancore), Research Associate in Statistics and Graduate Student, Department of Statistics, University of North Carolina, Chapel Hill, North Carolina.
- PRICE, BRUCE P., M.M. (Cincinnati Conservatory of Music), Research Analyst, Engineering Department, Analytical Mechanics Section, Southwest Research Institute, 242 Future, San Antonio 2, Texas.
- RICHARDS, ROBERT G., M.A. (Univ. of Calif., Berkeley), Mathematician, Department of the Army at Redstone Arsenal, Y. M. C. A., Huntsville, Alabama.
- ROBINSON, L. V., Ph.D. (Harvard Univ.), Mathematician, Wright-Patterson Air Base, 373 West First Street, Dayton, Ohio.

- STACEY, ALEC G., Supervisor, Special Surveys Division, Regional Office Dominion Bureau of Statistics, St. John's, 75 St. Clare Avenue, St. John's, Newfoundland, Canada.
- WORTHAM, A. W., M.S. (Oklahoma Agric. and Mech. College), Senior Project Analytical Engineer, Chance Vought Aircraft, Chance Vought Aircraft, Structures Section, Dallas, Texas.

PUBLICATIONS RECEIVED

- CLARK, C. E., *An Introduction to Statistics*, John Wiley and Sons, Inc., New York, 1953, x + 266 pp., \$4.25.
- COCHRAN, W. G., *Sampling Techniques*, John Wiley and Sons, Inc., New York, 1953, \$6.50.
- DOOB, J. L., *Stochastic Processes*, John Wiley and Sons, Inc., New York, 1953, vii + 654 pp., \$10.00.
- FINNEY, D. J., *An Introduction to Statistical Science in Agriculture*, John Wiley and Sons, Inc., New York, 1953, 179 pp., \$3.75.
- HARTREE, D. R., *Numerical Analysis*, Oxford University Press, New York, 1953, xiv + 287 pp., \$6.00.
- Recenseamento Geral do Brasil (1º de Setembro de 1940) Censo Demografico and Censos Economicos*, Servico Grafico de Instituto Brasileiro de Geografia e Estatistica, Rio de Janeiro, 1950. (7 volumes in addition to those listed in March and September 1952 and March 1953.)
- Recenseamento Geral do Brasil (1º de Setembro de 1940) Censo Demografico e Censos Economicos*, Servico Grafico de Instituto Brasileiro de Geografia e Estatistica, Rio de Janeiro, 1951.
- SHEPARD, R. W., *Cost and Production Functions*, Princeton University Press, Princeton 1953, vii + 104 pp., \$2.00.
- THRON, W. J., *Introduction to the Theory of Functions of a Complex Variable*, John Wiley and Sons, Inc., New York, 1953, ix + 230 pp., \$6.50.
- TINBERGEN, J., *On the Theory of Economic Policy*, North-Holland Publishing Co., Amsterdam, 1953, iii + 78 pp., \$1.80.
- VINCI, FELICE, *Interventi sul nuovo assetto Europeo, sull'accertamento della miseria, sulle ricerche econometriche e sull'illusione finanziaria*, (Istituto di Scienze Economiche e Statistiche, Quaderni XVI), Milan, 1952, 22 pp.