NEWS AND NOTICES

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

Personal Items

Professor Robert Bechhofer, having spent his sabbatic leave at Stanford University, has returned to the Department of Industrial and Engineering Administration, Sibley School of Mechanical Engineering, Cornell University. While at Stanford, Dr. Bechhofer held an appointment as Visiting Professor of Statistics in the Applied Mathematics and Statistics Laboratory and in the Department of Preventive Medicine.

Richard E. Beckwith received a Ph.D. degree in Mathematical Statistics from Purdue University in May, 1959. He has been a senior research engineer at the Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, following his resignation from the staff of Purdue University in September, 1958.

Allan Birnbaum has been appointed Associate Professor of Mathematical Statistics in the Department of Mathematics and the Institute of Mathematical Sciences at New York University.

Austin J. Bonis received his Ph.D. from the George Washington University in June 1959, and is now continuing his work as Deputy Director, Analysis Division, in the Office of the Assistant Secretary of Defense for Manpower and Personnel in the Department of Defense. Dr. Bonis has prepared a solution book to Dr. S. Kullback's *Information Theory and Statistics* (J. Wiley). A limited number of copies are on sale at the George Washington University Book Store at $6.25 each.

Ralph A. Bradley has joined the faculty of The Florida State University at Tallahassee, Florida. He will be Chairman of the Department of Statistics, at the University. During the past nine years, Dr. Bradley has been Professor of Statistics and consultant to the Agricultural Experiment Station at the Virginia Polytechnic Institute.

Beginning in September 1959, Dr. Irwin D. J. Bross will head the Department of Statistics at Roswell Park Memorial Institute.

Professor A. Clifford Cohen, Jr., has been named Director of the newly established University of Georgia Institute of Statistics in Athens, Georgia.

Martin Fox has accepted a position as Assistant Professor in the Department of Statistics at Michigan State University.

Irwin Guttman has been appointed Associate Professor of Mathematical Statistics, Department of Mathematics, McGill University.

Mr. Robert H. Hoskins will receive the title of Associate Group Actuary, effective September 1, 1959.

Richard C. Kao, Senior Mathematician, System Development Corporation, Santa Monica, California, is now a Senior Associate, Planning Research Corporation, Los Angeles 24, California.

Margaret P. Martin has recently joined the staff in the Department of Biostatistics of the School of Hygiene and Public Health of Johns Hopkins University as Associate Professor. She was previously with the State University of New York.

Dr. Hugh J. Miser, formerly Deputy Assistant for Operations Analysis at Hq US Air Force, has joined the staff of the Research Triangle Institute of Durham, North Carolina, as Head of its Operational Sciences Laboratory.

M. C. Pike has been appointed to the post of assistant in Mathematical Statistics.

Dr. K. C. S. Pillai has resumed his duties at the Statistics Office of the United Nations at New York after spending more than three years in the Philippines where he was United Nations Senior Statistical Adviser in Mathematical Statistics and Visiting Professor of Statistics at the Statistical Center, University of the Philippines, Manila.

William K. Robinson has taken the position of Vice-President and Actuary with the First National Life Insurance Company of Phoenix, Arizona.

The Board of Directors of the Mathematical Centre at Amsterdam has advised us of the death of David van Dantzig, Professor at the University of Amsterdam, Member of the Board and Head of the Departments of Mathematical Statistics and Applied Mathematics of the Mathematical Centre. He passed away at the age of 58 years on July 22nd 1959 after a sudden heart attack.

James K. Yarnold has recently joined the staff of General Analysis Corporation, Arizona Office.

NEW MEMBERS

The following persons have been elected to membership in The Institute

May 7, 1959, to August 10, 1959

Barr, David R., M.S., (Miami University); Student, U. S. Air Force Institute of Technology, Wright-Patterson AFB, Ohio, with duty station State University of Iowa, Iowa City, Iowa; *Box 608, Iowa City, Iowa.*

Basmann, Robert L., Ph. D., (Iowa State College); Operations Research Analyst, *Hanford Laboratories Operation, Operations Research and Synthesis Operation, General Electric Company, Hanford Atomic Products Operation, Richland, Washington.*

Bhat, Beliyar Ramdas, M.A. (Karnatak University) Lecturer in Statistics, Karnatak University, Dharwar, India; *Department of Statistics, University of California, Berkeley 4, California.*

Bobb, James C., B.S., (Carnegie Institute of Technology); Statistical Engineer, *Betz Laboratories, Inc., Gillingham and Worth Streets, Philadelphia 24, Pa.*

Booker, Aaron H., M.A., (North Texas State College); Graduate Student, Iowa State University, Ames, Iowa; *593 Pammel Court, Ames, Iowa.*

Bradford, Clarence H., M.A., (University of Chicago); Associate Director, *Army Institute Project, The University of Chicago, 5757 South Drexel Avenue, Chicago 37, Illinois.*

Brown, Bradford S., M.S., (University of Illinois); Service Engineer, *Engineering Depart-*

ment, E. I. du Pont de Nemours and Company, Buffalo Avenue and Chemical Road, Niagra Falls, New York.

Bryson, Marion R., Ph.D., (Iowa State College); Research Associate, Duke University Office of Ordnance Research, Durham, North Carolina; *Box EM, Duke Station, Durham, North Carolina.*

Charles, Gerald T., B.S., (Roosevelt University); Statistician, Remington Rand Univac, 1902 West Minnehaha Avenue, St. Paul, Minnesota; *1402 North Dupont Avenue, Minneapolis 11, Minnesota.*

Chen, Robert J.T., M.S., (Oklahoma State University); Graduate Student, Oklahoma State University, Stillwater, Oklahoma; *Statistical Laboratory, Oklahoma State University, Stillwater, Oklahoma.*

Chu, Herbert H., M.S., (Oklahoma State University); Graduate Student, *Statistical Laboratory, Oklahoma State University, Stillwater, Oklahoma.*

Denny, John, L., Jr., B.A., (Stanford University); Research Assistant, University of California, Berkeley, California; *470 Panoramic Way, Berkeley 4, California.*

Douglas, Alan W., M.Sc., (McGill University); Assistant, Biometrics Unit, Department of Plant Breeding, Cornell University, 337 Warren Hall, Ithaca, New York; *137 Northview Road, Ithaca, New York.*

Dubey, Satya D., B.SC., (Patna University); Special Graduate Research Assistant, *Department of Statistics, Michigan State University, East Lansing, Michigan.*

Eicker, Friedhelm, Dr.rer.nat., (University of Mainz); Research Associate, Department of Statistics, University of North Carolina, Chapel Hill, North Carolina.

Ericson, William A., M.A., (University of Pennsylvania); Student and Research Assistant, Mathematics for Application to Business, Harvard Business School; *1039 Massachusetts Avenue, Apartment 10-B, Cambridge 39, Mass.*

Fels, Eberhard M., Dr.oec.publ., (University of Munich); Associate Professor of Mathematics, University of Pittsburgh, Pittsburgh 13, Pennsylvania; *6566 Forbes Avenue, Pittsburgh 17, Pa.*

Ferruccio, George Spadaro; Ph.D., (Polytechnic Institute of Milan); Senior Research Engineer, *Rocketdyne-Div. NAA, 6633 Canoga Ave., Canoga Park, California.*

Finch, Robert H., Jr., B.A., (University of Toledo), Mathematical Statistician, Bureau of the Census, Washington 25, D. C.; *4922 Deal Drive, Washington 21, D. C.*

Galliher, Herbert Parrish, Jr., Ph.D., (Yale University) Assistant Director, Operations Research Center, Mass. Institute of Technology, 77 Massachusetts Avenue, Cambridge 39, Mass.; *5 Barney Hill Road, Wayland, Massachusetts.*

Giblin, John Martin; M.S., (John Carroll University); Senior Programmer, *Standard Oil of Ohio, 554A Guildhall Building, Cleveland, Ohio.*

Glick, Irving I., A.B., (Johns Hopkins University); Mathematician, U. S. Naval Ordnance Laboratory, Silver Spring, Maryland; *9408 Adelphi Road, Hyattsville, Maryland.*

Greene, John A., M.S., (Mass. Institute of Technology); Engineer, Mathematics and Statistics Group, *E. I. du Pont de Nemours Company, Wilmington, Delaware.*

Gross, Alan John, M.A., (U.C.L.A.); Research Fellow, *Department of Biostatistics, School of Public Health, University of North Carolina, Chapel Hill, North Carolina.*

Hanson, David L., B.S., (Mass. Inst. of Tech.); Student, *Indiana University, Dept. of Mathematics, Bloomington, Indiana.*

Harwayne, Frank, B.A., (Brooklyn College); Consulting Actuary, *Frank Harwayne and Associates, 8 Stuyvesant Oval, New York 9, New York.*

Holmes, Paul Thayer, B.A., (State College of Washington); Teaching Assistant, Department of Mathematics, State College of Washington, Pullman, Washington; *303½ Campus, Pullman, Washington.*

Hultquist, Robert A., Ph.D., (Oklahoma State University); Assistant Professor of Mathematics, *DePauw University, Greencastle, Indiana.*

Jogdeo, Kumar; M.Sc., (Poona University); Graduate Student and Research Assistant, *Department of Statistics, University of California, Berkeley 4, California.*

Joseph, R. David, A.B., (Miami University); Graduate Student and Research Mathematician, Cornell University and Cornell Aeronautical Laboratory, Ithaca, N. Y., and 4455 Genese Street, Buffalo 21, New York; *931 East State Street, Ithaca New York.*

Kalman, Rudolf E., D.Engr.Sci., (Columbia University); Mathematician, *Research Institute for Advanced Study (RIAS) 7212 Bellona Ave., Baltimore 12, Maryland.*

Kellerer, Hans G., Diplom-Mathematiker, (University of Munich); Assistant for Mathematical Statistics, Mathematisches Institut, Universitat Munchen, Munchen 22, Geschwister-Scholl-Platz 1; *Neugrunwald bei Munchen, Portenlangerstr. 25, Germany.*

Kjelsberg, Marcus O., M.A., (University of Minnesota); Instructor in Biostatistics, *Tulane University Medical School, Department of Tropical Medicine and Public Health, 1430 Tulane Avenue, New Orleans 12, Louisiana.*

Kleinman,. David C., B.S., (University of Chicago); Graduate Student, Department of Statistics, University of Chicago, Chicago 37, Illinois; *5527 S. Everett Avenue, Chicago 37, Illinois.*

Kodlin, Dankward, M.D., (University of Heidelberg); M.P.H., (University of Pittsburgh); Assistant Professor, *Department of Biostatistics, University of Pittsburgh, Graduate School of Public Health, 130 DeSoto Street, Pittsburgh 13, Pennsylvania.*

Lezcano, Ruben Dario, Lt., B.S., (U.S.M.M.A.); Comandante, Canonero Paraguay, of the Paraguayan Navy, *Comando de la Armada, Hernandarias y Pte., Franco, Asuncion Paraguay.*

Looney, Dorothea R., A.B., (Marymount College); Statistician, Polaroid Corporation, 730 Main Street, Cambridge 39, Mass.; *13 Magazine Street, Cambridge 39, Mass.*

Lytle, Ernest J., Jr., Ph.D., (University of Florida); Statistician, Senior Technical Staff Member, *Radiation, Inc., Research Division, P. O. Box 6904, Orlando, Florida.*

McCollum, Irving A., M.A., (Northwestern University); Assistant Professor, North Carolina College, Durham, North Carolina; *125 Nelson Street, Durham, N. C.*

MacDonald, Eleanor J., A.B., (Radcliffe College); Epidemiologist Professor of Biostatistics, *University of Texas Postgraduate School of Medicine, M.D. Anderson Hospital and Tumor Institute, Branch of the University of Texas, 6723 Bertner Drive, Houston, Texas.*

Mason, Frank D., M.S., (Washington State College); Student, N. C. State College, Department of Experimental Statistics, Raleigh, North Carolina.

Mayne, Alan J., B.Sc., (Oxford University); Independent Research Scientist and Consultant, *82, Divinity Road, Oxford, England.*

Michalski, John P., M.S., (Northwestern University), Student, Alabama Polytechnic Institute, Auburn, Alabama; *1509 West 10th Court, Panama City, Florida.*

Miller, E. Jacques, B.S., (California Institute of Technology); Comptroller's Staff, *C. F. Braun and Company, 1000 South Fremont Avenue, Alhambra, California.*

Miller, Robert G., M.S., (New York University); Research Associate, Travelers Insurance Company, 700 Main Street, Hartford, Conn.; *86 Hilldale Road, West Hartford, Conn.*

Murray, John E., A.B., (Shimer College); Student, University of Chicago, Chicago 37, Illinois; *1127 North Francis Street, South Bend 17, Indiana.*

Nathan, Ravindra, M.Sc., (University of Travancore); Acting Instructor, Part-time, *Mathematics Department, University of Idaho, Moscow, Idaho.*

Nelson, William G., IV, M.B.A., (Wharton Graduate School, University of Penn.); Accountant, E. I. du Pont de Nemours and Company, Wilmington 3, Delaware; *1109 Faun Road, Wilmington 3, Delaware.*

Padro, Jose R., M.A., (The Ohio State University); Assistant Professor, University of Puerto Rico, Rio Piedras, Puerto Rico; *Department of Mathematics, St. Louis University, 221 North Grand Blvd., % Dr. Waldo A. Vezeau, St. Louis 3, Missouri.*

Nieto de Pascual, Jose, MS., (Iowa State College); Instructor, *Department of Statistics, Iowa State College, Ames, Iowa.*

Perlstein, Helen W., B.S., (College of the City of New York); Student, Columbia Uni-

versity, Morningside Heights, New York 27, New York; *400 West 118 Street, New York 27, New York.*

Rao, Malempati Madhusudana, Ph.D., (University of Minnesota); Research Fellow, University of Minnesota, Vincent Hall, Minneapolis 14, Minn.

Sawyer, Jack, Ph.D., (Purdue University); Postdoctoral Fellow, *Department of Statistics, University of Chicago, Chicago 37, Illinois.*

Schupp, Carl F., B.A., (University of Delaware); Statistician, *E. I. du Pont de Nemours and Co., Inc., Engineering Department (Louviers Building), Wilmington, Del.*

Shugg, W. Tillar, (Union College); Manager Marketing Services, Continental-Diamond Fibre Corp. (a division of The Budd Co.), Newark, Delaware; *Egypt Rd., RD. 2, Newark, Delaware.*

Slotsky, Gordon J., B.S., (Iowa State College); Assistant Engineer, *Reliability Operations, Countermeasures, Sperry Gyroscope Company, Division of Sperry Rand Corporation, Great Neck, Long Island, New York.*

Stevens, Roger T., B.A., (Union College); Senior Electronic Engineer, Electronics Systems, Inc., 105 Chauncy Street, Boston 11, Mass; *33 Hayden Lane, Bedford, Mass.*

Sylvan, Marshall, B.S., (Roosevelt University); Student, University of Chicago, Chicago 37, Illinois; *8921 South Harper Avenue, Chicago 19, Illinois.*

Takács, Lajos F., Doctor of Mathematical Sciences (Hungarian Academy of Sciences); Assistant Professor, *Columbia University, New York 27, N. Y.*

Thomas, Ronald Emerson, M.A., (Queen's University); Student, *University of North Carolina, Department of Statistics, Chapel Hill, North Carolina.*

Truax, Harry Mack, M.S., (University of Delaware); Manager of Quality Control Section, *Production Department, Atlas Powder Company, Wilmington, Delaware.*

Van Ryzin, John R., B.S., (Marquette University); Graduate Assistant, Marquette University; *1810 N. 73rd Street, Wauwatosa, Wisconsin.*

Wang, Yin Huai, M.S., (University of Tennessee); Half-time Teaching Assistant, Department of Mathematics and Statistics at Purdue University, Lafayette, Indiana; *103 W. Stadium Avenue, West Lafayette, Indiana.*

Wasan, Madanlal T., M.A., (University of Bombay); Assistant in Department of Mathematics, Department of Mathematics, University of Illinois, Urbana, Illinois; *274 Altgeld Hall, University of Illinois, Urbana, Illinois.*

Wells, William J., M.S., (Univ. of Michigan); Mathematician, *University of Chicago, Institute for Air Weapons Research, Museum of Science and Industry, Chicago 37, Illinois.*

Wells, William T., Ph.D., (North Carolina State College); Statistician, Research Triangle Institute, 505 West Chapel Hill Street, Durham, North Carolina; *707-D Daniels Street, Raleigh, North Carolina.*

Whinston, Andrew Bernard, B.A., (University of Michigan); Student, *Graduate School of Industrial Administration, Carnegie Institute of Technology, Pittsburgh 13, Pennsylvania.*

Wirjosudirdjo, Sunardi, M.S., (University of Indonesia); Student, Department of Mathematics, University of Illinois, Urbana, Illinois; *1110 West Main Street, Urbana, Illinois.*

Wood, Ross J., M.B.A., (University of Michigan); Statistician, Remington Rand Univac, St. Paul, Minnesota; *1340 E. County Line Rd., S., St. Paul 6, Minnesota.*

Wright, Benjamin D., Ph.D., (University of Chicago); Assistant Professor of Educational Psychology, *University of Chicago, Graduate School of Education, 5835 Kimbark Avenue, Chicago 37, Illinois.*

Yao, Ying, B.A., (Barnard College); Graduate Student, University of Chicago, Chicago 37, Illinois; *138-09 76th Avenue, Flushing 67, New York.*

Young, Shirley, B.A., (Pennsylvania State University); Mathematician, National Bureau of Standards, Connecticut and Van Ness, Washington 25, D. C.; *3706 Harrison, N. W., Washington 25, D. C.*

Zubin, Joseph, Ph.D., (Columbia University); Principal Research Scientist, (Biometrics), and Prof. of Psychol. (Columbia); *New York State Department of Mental Hygiene, 722 West 168 Street, New York 32, New York.*

MEETING OF ISI

The 32nd Session of the International Statistical Institute will be held in Tokyo from May 30 to June 9, 1960. The program covers a wide variety of topics in theoretical and applied statistics. Detailed information about registration, program, etc. may be obtained from either *Mr. Masao Goto, Organizing Committee of the 32nd I.S.I. Session, ℅ Statistical Standards Bureau Administrative Management Agency, 5 Sannen-cho, Chiyoda-ku, Tokyo, Japan,* or *Permanent Office, International Statistical Institute, 2 Oostduinlaan, The Hague, Netherlands.*

NATIONAL BUREAU OF STANDARDS POSTDOCTORAL RESEARCH ASSOCIATESHIPS

Research associateships, supported by the National Bureau of Standards and awarded on recommendations of the National Academy of Sciences—National Research Council, are offered to provide young investigators of unusual ability and promise the opportunity for basic research in various branches of the physical and mathematical sciences. It is expected that approximately 20 awards may be made in a total of twenty-nine fields, of which the following are of particular interest to members of the institute: Pure and Applied Mathematics, Applied Mathematical Statistics, Numerical Analysis. These research associateships are open only to citizens of the United States, and in the foregoing fields are tenable only at the National Bureau of Standards in Washington, D. C. Applicants must have received (or completed the requirements for) a Ph.D. or Sc.D. degree, or the equivalent, in one of the fields listed above at the time of entering upon the research associateship.

The annual gross stipend will be $7510 and will be subject to income tax. Travel and moving expenses of the Research Associate and his family from place of residence to Washington, D. C. will be paid by the National Bureau of Standards. Awards will be made about April 1, 1960. Unless otherwise arranged the tenure of a research associateship may begin after July 1, 1960 and continue for one year, with provision for a vacation period.

Requests for application forms or for additional information should be addressed to the Fellowship Office, National Academy of Sciences—National Research Council, 2102 Constitution Avenue, N. W., Washington 25, D. C. *Applications for the academic year 1960–1961 must be received in the Fellowship Office no later than February 1, 1960.*

FELLOWSHIP AND RESEARCH OPPORTUNITIES

The Division of Mathematics, National Academy of Sciences—National Research Council, has published a leaflet listing some private and government

agencies that offer support of mathematical study and research at the graduate and post-graduate levels. Copies of the leaflet are available upon application to *Division of Mathematics, National Academy of Sciences—National Research Council, 2101 Constitution Avenue, Washington 25, D. C.*

NEW EDITORIAL STAFF FOR MTAC

The Division of Mathematics of the National Academy of Sciences—National Research Council announces that Harry Polachek, Technical Director of the Applied Mathematics Laboratory of the David Taylor Model Basin, has been appointed Chairman of the Editorial Committee for the quarterly journal *Mathematical Tables and Other Aids to Computation* effective January 1959. He succeeds C. B. Tompkins of the University of California at Los Angeles, who held the post since November 1954. The other members of the Editorial Committee are: C. C. Craig, A. Fletcher, E. Isaacson, D. Shanks, C. V. L. Smith, A. H. Taub, C. B. Tompkins and J. W. Wrench, Jr.

Articles for publication in *Mathematical Tables and Other Aids to Computation* should be addressed to *Harry Polachek, Editor, Mathematical Tables and Other Aids to Computation, David Taylor Model Basin, Washington 7, D. C.*

Information on subscriptions may be obtained from *National Academy of Sciences, Printing and Publishing Office, 2101 Constitution Avenue, N. W., Washington 25, D. C.*

FLORIDA STATE UNIVERSITY DEPARTMENT OF STATISTICS

The Florida State University at Tallahassee, Florida has established a Department of Statistics effective July, 1959. The initial faculty will consist of Ralph A. Bradley, Chairman, John L. Bagg and Lonnie L. Lasman. Programs of study leading to the Bachelor of Science and Master of Science degrees in statistics will be initiated in the Fall 1959 semester and advanced graduate work will be developed in the near future. The Department of Statistics will provide university-wide training and consulting. Inquiries regarding the program will be welcomed and some assistantships will be available for graduate students.

KANSAS STATE UNIVERSITY DEPARTMENT OF STATISTICS

July 1, 1959, Kansas State University at Manhattan, Kansas, established a new Department of Statistics. A Statistical Laboratory was organized at Kansas State in 1946 and will continue as a consulting and computing unit sponsored by the Agricultural Experiment Station.

The Department of Statistics presently has a five-man staff: Robert S. Cochran, Arlin M. Feyerherm, H. C. Fryer, Gary F. Krause, and Stanley Wearden, plus graduate and research assistants. A Master's degree in statistics has been offered for a number of years through the Department of Mathematics. It is planned that a Ph.D. in statistics will be offered soon.

RUTGERS STATISTICS CENTER

Rutgers University has established a Statistics Center which will be the State University's central unit for research and teaching in the field of statistics. It will continue to offer at Rutgers the Master's Degree program and in addition will have responsibility for a program of study leading to the Ph.D. in Applied and Mathematical Statistics.

The Center, which is under the administration of Dr. Marion A. Johnson, dean of the Graduate School, will be directed by Dr. Ellis R. Ott, who has previously served as professor of Mathematics and Chairman of the Mathematics Department of University College, as well as Chairman of the Rutgers program in Applied and Mathematical Statistics. Director of Research at the Center will be Dr. Martin B. Wilk. The staff will also include Dr. Roger S. Pinkham, Dr. Mason E. Wescott and Harold F. Dodge.

The Statistics Center will be responsible for programs of research in statistical theory and methodology and in ways of promoting the more effective use of statistics in science, industry, education and other areas.

The Center will also make available, both within and without the University, consultative services with respect to the use of statistics and statistical techniques in research or other experiments and surveys, and with respect to the analysis and presentation of data.

Since 1952, Rutgers has had course work leading to a Master's degree in the field of Applied and Mathematical Statistics. Through June, 1959, a total of 85 Master's degrees in applied and mathematical statistics had been awarded, mostly to full-time employees in nearby industries. The present development constitutes a major extension of the Rutgers Statistics Program plus an administrative reorganization.

The establishment of the Statistics Center is predicated on the belief that a group within the University charged with instructional, research, and consultative functions in the field will both advance and strengthen the University's program in statistics, and also further the effective use of statistical tools and techniques by the many members of the University staff who, though not specialists in statistics, must of necessity use statistics in their own work.

PUBLICATIONS RECEIVED

Annuario Estadistico de España, Edicion Manual, Presidencia del Gobierno, Instituto Nacional de Estadistica, Ferraz 41, Madrid, Spain, 1959, 977 pp.

Bush, Robert R., and Estes, William K., Editors, *Studies in Mathematical Learning Theory,* Stanford University Press, Stanford, California, 1959, 432 pp., $11.50

Cahiers du Séminaire D'Économétrie, No. 5, Production, investissements et productivité, Éditions du Centre National de la Recherche Scientifique, 13 Quai Anatole-France, Paris-7e, France, 1959, 178 pp.

Statistical Handbook, 1958, Central Statistical Office, Peoples Republic of Bulgaria, Sofia, 1959, 223 pp.