

NEWS AND NOTICES

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

Personal Items

Dr. S. W. Dharmadhikari will be a Visiting Associate Professor at the University of Arizona, Tucson, Ariz. from January 1966 and will be on leave from the Indian Statistical Institute, Calcutta.

Professor Hilda Geiringer will be Visiting Professor at the University of Virginia, Charlottesville, Va. for the second semester 1965/6 (February through May). She will lecture on Probability.

T. E. Harris is now Professor in the Department of Mathematics (and also the Department of Electrical Engineering) at the University of Southern California, Los Angeles.

Wen Chen Ko, formerly with the Department of Operations Research, General Mills, Inc., has joined the staff of the Mathematics Division, U. S. Steel Applied Research Laboratory, after completion of his Ph.D. degree at the University of Illinois. His new position is Research Engineer.

H. S. Konijn, formerly at City College, New York, is now Professor of Statistics at Tel Aviv University, Ramat Aviv, Israel.

Charles Kraft is now a Professor in the Mathematics Department at the University of Montreal. Professor Kraft was formerly an Associate Professor in the Statistics Department at the University of Minnesota.

Dr. P. R. Krishnaiah of the Aerospace Research Laboratories, Wright-Patterson Air Force Base, Dayton, Ohio is now visiting the Indian Statistical Institute, Calcutta for the period December 1965-June 1966.

Dr. Ashok Maitra has joined the Indian Statistical Institute, Calcutta, in December 1965 after a year at the Mathematisch Centrum, Amsterdam.

Dr. Hugh J. Miser, formerly with The MITRE Corporation, has joined the staff of The Travelers Research Center, Inc., of Hartford, Connecticut, as Vice President and Director of the Department of Environmental Systems Management Studies.

Dr. Donald S. Orkand has been elected a Vice President of Operations Research Incorporated. An economist and statistician, Dr. Orkand received his Ph.D. from New York University in 1964.

Dr. P. K. Pathak rejoined the Indian Statistical Institute, Calcutta, in January 1965 after two and half years as Visiting Assistant Professor in the U.S.A. and Canada.

Dr. Prem S. Puri has accepted a faculty appointment of acting Assistant Professor in the Department of Statistics, University of California, starting from the fall of 1965.

Joan Raup Rosenblatt of the National Bureau of Standards has received the annual award for scientific achievement in mathematics from the Washington

Academy of Sciences, in recognition of her contributions to systems reliability theory and other areas of statistics.

Dr. J. Sethuraman has rejoined the Indian Statistical Institute in September 1965 after spending three years of post-doctoral research at the University of North Carolina, Chapel Hill, N.C., Michigan State University, East Lansing, Mich. and Stanford University, Stanford, Calif.

Constance van Eeden is now an Associate Professor in the Mathematics Department at the University of Montreal. Professor van Eeden was formerly Acting Director of the Statistical Center at the University of Minnesota.

Professor Julian Perkal passed away on September 17, 1965.

Dr. Frank Wilcoxon passed away on November 18, 1965.

New Members

- Abel Hamid, Sami Naguib, B.Sc.**, (Ainshams University, Cairo); Graduate Student, Department of Statistics, Stanford University.
- Abramowitz, Walter, B.S.**, (Polytechnic Institute of Brooklyn); Research Engineer, Grumman Aircraft Engineering Corporation; *175-05 Wexford Terrace, Jamaica, New York 11432*.
- Anderson, George A., Ph.D.**, (Yale University); Assistant Professor, Trinity College.
- Aguilar, Beatrix, M.S.**, (Stanford University); Asesor Estadístico, Consejo Zuliano de Planificación u Promoción, Maracaibo, Venezuela.
- Arvesen, James N., A.B.**, (University of California); Graduate Student, Department of Statistics, Stanford University.
- Beran, Rudolph J., M.A.**, (University of Toronto); Graduate Student, Department of Statistics, The Johns Hopkins University.
- Bey, Douglas R., Ph.D.**, (University of Illinois); Professor, Illinois State University.
- Bowen, Jacob Van, Jr., B.S.**, (University of Richmond); Graduate Student, Virginia Polytechnic Institute.
- Boza, Luis Bernabe, M.S.**, (CIENES, Chile); Graduate Student/Teaching Assistant, Department of Statistics, University of California, Berkeley; *1057 Ninth Street, University Village, Albany, California*.
- Brandinger, Jay, J., M.S.E.E.**, (Rutgers-The State University); Graduate Student/Member of Technical Staff, Rutgers/RCA Laboratories; *19 Carnation Place, Trenton, New Jersey, 08638*.
- Brock, Archi D., M.A.**, (University of Oklahoma); Graduate Student, Virginia Polytechnic Institute; *RR2 Box 243, Radford, Virginia 24141*.
- Coleman, Roger D., B.A.**, (The Johns Hopkins University); Graduate Student, Department of Statistics, The Johns Hopkins University.
- Geertsema, Jan C., M.Sc.**, (University of Pretoria); Graduate Student, Department of Statistics, University of California, Berkeley.
- Graham, Michael H., B.S.**, (Florida Presbyterian College); Graduate Student/Teaching Assistant, Department of Mathematics, Clemson University.
- Gray, John J.**; CPA; *270 West 5th Street, Marysville, Ohio 43040*.
- Halbrecht, Herbert Z., M.B.A.**, (University of Chicago); President, Halbrecht Associates, Inc.; *4641 Montgomery Avenue, Bethesda, Maryland 20014*.

- Hannigan, John Francis, Jr.**, M.S., (Florida State University); Graduate Student, Department of Statistics, Stanford University.
- Hardy, Robert J.**, M.S., (Tulane University); Graduate Student, University of California; *1708 Euclid Avenue, 12, Berkeley, California 94709.*
- Ifram, Adnan F.**, Ph.D., (University of Illinois); Assistant Professor, Department of Mathematics, Northwestern University.
- Johnston, Ronald Craig**, M.S.; Senior Scientist, Booz-Allen Applied Research, Los Angeles; *1257 11th Street, Manhattan Beach, California.*
- King, Benjamin F., Jr.**, Ph.D., (University of Chicago); Assistant Professor, Graduate School of Business, University of Chicago.
- Lochner, Robert H.**, M.S., (University of Wisconsin); Graduate Student, Department of Statistics, University of Wisconsin; *811 E. Eagle Heights Apartments, Madison, Wisconsin 53705.*
- Martin-Löf, Per Erik Rutger**, Fil. Lic., (University of Stockholm); Fil. Lic., Department of Mathematical Statistics, University of Stockholm.
- Mizuno, Elmer T.**, Ph.D., (Northwestern University); Member of Technical Staff, TRW Systems, Inc.
- Ben Mouyal, Michel M.**, M.Sc., (Université de Montréal); Graduate Student/Assistant, Université de Montréal/Ecole Polytechnique de Montréal; *5595, Côte des Neiges, Montréal, Québec,*
- Naeve, Peter**, Staats examen, (Universität Kiel); Wissenschaftlicher Assistent, Institut für Angewandte Statistik, Freie Universität Berlin.
- Newman, David S.**, Ph.D., (Cornell University); Research Specialist, Math. Analysis, Aerospace Group, The Boeing Company;
- Patel, Jagdish N.**, M.S., (Virginia Polytechnic Institute); Research Analyst in statistics and mathematics, Micro Switch, Division of Honeywell, Freeport, Illinois.
- Portnoy, Stephen L.**, B.S., (Massachusetts Institute of Technology); Graduate Student, Department of Statistics, Stanford University.
- Rodda, Bruce E.**, B.A., (Alfred University); Graduate Student, Department of Biostatistics, Tulane University.
- Rota, Gian-Carlo**, Ph.D., (Yale University); Professor of Mathematics, The Rockefeller Institute, New York.
- Rothman, Edward**, B.Sc., (McGill University); Graduate Student, Department of Statistics, The Johns Hopkins University.
- Sacksteder, Richard C.**, Ph.D., (The Johns Hopkins University); Assistant Professor, Department of Mathematics, City University of New York.
- Sander, Peter C.**, Drs., (University of Utrecht); Member of the Scientific Staff, Department of Mathematical Statistics, University of Utrecht.
- Schwartz, Stuart C.**, M.S., (Massachusetts Institute of Technology); Graduate Student, University of Michigan; *2322 Pittsfield Blvd., Ann Arbor, Michigan.*
- Stewart, Walter Mac**, Ph.D., (University of Wisconsin); Financial Analytical Consultant, Hamilton Management Corporation, Denver. *P.O. Box 520, Route 3, Golden, Colorado 80401.*
- van der Burgt, Antoon Th.**, Drs., (University of Utrecht); Member of the Scientific Staff, University of Utrecht.
- Vorwerk, Peter**, Fil. Cand., (University of Lund); Graduate Student, Department of Mathematical Statistics, Lund Institute of Technology.
- Weinrich, Martin Carl**, M.A., (University of Michigan); Graduate Student, University of Michigan; *155 Vorn Lane, Birmingham, Michigan 48010.*
- Weir, Bruce S.**, B.Sc., (University of Canterbury); Graduate Student, Department of Experimental Statistics, North Carolina State University.
- Weldon, Kenneth L.**, B.Sc., (University of Toronto); Graduate Student, University of Toronto; *33 Admiral Road, Toronto 5, Ontario.*

While, Marion L., B.A., (Baldwin-Wallace); Head of Mathematics Department/Graduate Student, Harry E. Davis High School/Western Reserve University.

Williams, G. Trevor, Sc.D., (The Johns Hopkins University); Associate Professor of Mathematics and Preventive Medicine, Duke University.

DOCTORAL DISSERTATIONS IN STATISTICS, 1965

Listed below are doctorates conferred during 1965 (except where otherwise indicated) in statistics and related fields. The university, major subject, and the title of the dissertation are given in each case. Readers are invited to notify the Editor of any omissions from the list.

- Abifarah, Anis**, University of Paris, major in statistics, "Carrés latins incomplet."
- Abrahamson, Innis G.**, University of Chicago, major in statistics, "On the stochastic comparison of tests of hypotheses."
- Affi, Abdelmonem**, University of California, major in statistics, "Missing observations in multivariate statistical analysis."
- Andersen, R. Gerald**, The Catholic University of America, major in mathematics, "On some almost sure convergence theorems in probability theory."
- Archer, Philip G.**, The Johns Hopkins University, major in biostatistics, "A mathematical framework for the investigation of precision in cytological screening studies."
- Arnold, Barry C.**, Stanford University, major in statistics, "A correlated urn-scheme for a continuum of responses."
- Bacon, David**, University of Wisconsin, major in statistics, "Seasonal time series."
- Barnett, Frederic C.**, Virginia Polytechnic Institute, major in statistics, "The problem of classifying members of a population on a continuous scale."
- Barr, Donald**, Colorado State University, major in statistics, "Sequential decision rules for a multiple choice problem."
- Barron, Bruce A.**, Yale University, major in epidemiology, "Treatment of outliers in samples of size three."
- Basson, Rodney P.**, Iowa State University, major in statistics, "On unbiased estimation in variance component models."
- Behzad, Mehdi**, Michigan State University, major in mathematics, "Graphs and their chromatic numbers."
- Bennett, William S.**, The American University, major in statistics, "A new binomial approximation for cumulative hypergeometric probabilities."
- Bertell, Rosalie**, The Catholic University of America, major in mathematics, "Testing whether a multinomial distribution is a binomial distribution of order n ."
- Bhat, L. S.**, Indian Statistical Institute, major in regional planning, "Some aspects of regional planning in India."
- Bhat, U. N.**, West Australia (1964), major in mathematics, "Some simple and bulk queueing systems."
- Bofinger, E. (Mrs.)**, University of Sydney (1963), major in statistics, "Statistical inference for Markov chains."
- Bofinger, V. J.**, Sydney (1964), major in mathematics, "Order statistics and orthogonal polynomials."
- Braaten, Melvin O.**, North Carolina State University, major in experimental statistics, "The union of partial diallel mating designs and incomplete block environmental designs."
- Bramblett, Jerry E.**, Columbia University, major in Statistics, "Some approximations to optimal stopping procedures."

- Brosamler, G. A.**, University of Illinois, major in mathematics, "Potential theoretic analysis of a certain integral equation."
- Brown, James R.**, Yale University (1964), major in mathematics, "Approximation theorems and integral representations for Markov operators."
- Brown, M.**, Princeton University, major in mathematics, "A secondarily Bayes approach to the two-means problem."
- Bulgren, William G.**, State University of Iowa, major in statistics, "Computer sampling study of type I and type II error rates for certain multiple comparison procedures."
- Carlson, Roger**, Harvard University, major in statistics, "A quadratic model for multivariate prediction."
- Chakravarti, A. K.**, Indian Statistical Institute, major in economics, "The structure of the Indian economy 1954-55 (supplemented by Interindustry Transactions Table of 1955-56)."
- Chew, Milton**, Carnegie Institute of Technology, major in mathematics, "Some optimal search procedures."
- Chorneyko, Ihor Z.**, University of Alberta, major in mathematics, "Unbiased estimation, simplicity and optimality in certain binomial sampling plans."
- Cinlar, Erhan**, University of Michigan, major in industrial engineering, "Analysis of systems of queues in parallel."
- Cochran, Robert S.**, Iowa State University, major in Statistics, "Theory and application of multiple frame surveys."
- Conover, William J.**, The Catholic University of America, major in mathematics, "A k -sample model in order statistics."
- Cress, Charles E.**, Iowa State University, major in statistics-plant breeding, "Theoretical and simulated selection studies based on progeny performance with special reference to reciprocal recurrent selection."
- Davis, Miles**, Harvard University, major in statistics, "Comparison of sequential experiments for estimating the median lethal dose."
- Deely, John J.**, Purdue University, major in statistics, "Multiple decision procedures from an empirical Bayes approach."
- Dempster, Michael**, Carnegie Institute of Technology, major in mathematics, "On stochastic programming."
- Denzel, Gene**, University of Washington, major in mathematics, "A characterization of Markov processes in terms of their hitting characteristics."
- Deo, Chandrakant**, University of California, major in statistics, "Prediction theory of non-stationary processes."
- Dickey, James M.**, University of Michigan, major in statistics, "Bayesian statistical inference for multivariate location parameters."
- Doerfler, Thomas E.**, Iowa State University, major in statistics, "Size and power of some tests under experimental randomization."
- Doksum, Kjell**, University of California, major in statistics, "Asymptotically minimax distribution-free procedures."
- Downs, Thomas D.**, University of Michigan, major in biostatistics, "The von Mises distribution: derived distributions, regression theory, and some applications to meteorological problems."
- El Mawaziny, Ahmed H.**, Iowa State University, major in statistics, "Chi-square distribution theory with applications to reliability problems."
- Engelberg, Ora**, Columbia University, major in statistics, "Applications of combinatorial methods to random walk and ballot problems."
- Ewens, W. J.**, Australian National University (1963), major in statistics, "Stochastic processes in population genetics."
- Fischler, Roger M.**, University of Oregon, major in mathematics, "Mixing as a generalization of independence."

- Foata, Dominique**, University of Paris, major in statistics, "Etude algebrique sur certains problemes d'analyse combinatoire."
- Fourastie, Jacqueline**, University of Paris, major in statistics, "Indices de prix. Influence du choix de la formule sur les résultats obtenus."
- Fox, Bennett L.**, University of California, Berkeley, major in engineering science, "An adaptive age replacement policy."
- Freygood, Phillip**, University of California, major in statistics, "Limiting conditional behaviour of some transient chains."
- Fromovitz, Stanley**, Stanford University, major in statistics, "A class of inventory models."
- Gentlemen, M.**, Princeton University, major in mathematics, "Robust estimation of multivariate location by minimizing P th power deviations."
- Gilroy, James F.**, The Catholic University of America, major in mathematics, "Corrections for grouping in the case of circular distributions."
- Glassey, Charles**, Cornell University, major in operations research, "Constrained optimization of linear systems for infinite horizon problems."
- Goldberg-Nachtigal, Paquerett**, University of Paris, major in statistics, "Orbites rectilignes des amas globulaires."
- Gollob, Harry F.**, Yale University, major in psychology, "A combined additive and multiplicative model of word combination in sentences."
- Griego, Richard J.**, University of Illinois, major in mathematics, "Local time as a derivative of occupation times."
- Guerin, Roger**, University of Paris, major in statistics, "Existence et propriétés des carrés latins orthogonaux."
- Gun, Atindramohan**, North Carolina State University, major in experimental statistics, "The use of a preliminary test for interactions in the estimation of factorial means."
- Hakim, Mahmoub**, University of Paris, major in statistics, "Analyse multivariate et plan d'expériences avec données manquantes."
- Hamdan, M. A.**, University of Sydney (1963), major in statistics, "Some statistical applications of orthogonal polynomials and orthonormal functions."
- Hanson, M. A.**, New South Wales (1964), major in mathematics, "Some aspects of mathematical programming."
- Harvey, James R.**, North Carolina State University, major in experimental statistics, "Fractional moments of a quadratic form in non-central normal variables."
- Hasofer, A. M.**, Tasmania (1964), major in mathematics, "Some aspects of a mathematical theory of storage."
- Heuzé, Guy**, University of Paris, major in statistics, "Contribution à l'étude de schéma d'association."
- Heyde, C.**, Australian National University (1964), major in mathematics, "Results related to first passage time distributions and some of their applications."
- Hewett, John E.**, State University of Iowa, major in statistics, "Some joint distributions of order statistics of combined samples."
- Hollander, Myles**, Stanford University, major in statistics, "Rank tests for randomized blocks when the alternatives have an *a priori* ordering."
- Inagaki, Hagime**, University of Paris, major in biometrics, "Recherches sur la loi d'allométrie chez ligia oceanica (crustacé isopode)."
- Iyengar, N. S.**, Indian Statistical Institute, major in economics, "Contributions to analysis of consumer expenditure."
- Kanjo, Anis I.**, Virginia Polytechnic Institute, major in statistics, "Recovery of interblock information."
- Khairai, Mahmood**, George Washington University, major in statistics, "Some results for random elements taking values in a linear space."
- Kim, Choo Whan**, University of Washington, major in mathematics, "Uniform approximation and almost periodicity of doubly stochastic operators."

- Kimeldorf, George S.**, University of Michigan, major in mathematics, "Applications of Bayesian statistics to actuarial graduation."
- Kreweras, Germain**, University of Paris, major in statistics, "Sur une classe de problèmes de dénombrement liés au treillis, des partitions des entiers."
- Kuich, Werner**, University of Vienna, major in mathematics, "Geordnete Schätzfunktionen-Diskrepanz."
- Lackenbruch, P. A.**, University of California, major in biostatistics, "Estimation of error rates in discriminant analysis."
- Lawing, William D.**, Iowa State University, major in statistics, "Multiple decision sequential procedures."
- Lawton, William**, University of California, major in statistics, "Concentration of random quotients."
- Lévy, Paul S.**, The Johns Hopkins University, major in biostatistics, "The combination of the unbiased estimators."
- Lindbichler, Gerhard**, University of Vienna, major in mathematics, "Über die uniforme Konvexität von Orlicz-Räumen."
- McCloskey, John W.**, Michigan State University, major in statistics, "A model for the distribution of individuals by species in an environment."
- McKay, M. H.**, New South Wales (1964), major in mathematics, "A theoretical investigation of resonance absorption in nuclear reactors."
- McLean, Robert A.**, Purdue University, major in statistics, "The integral of a function defined on a semi-Markov process."
- Maag, Urs R.**, University of Toronto, major in statistics, "Contributions to the design of experiments."
- Maisel, Herbert**, The Catholic University of America, major in mathematics, "Restricted sequential binomial comparisons with emphasis on best k of $2k-1$ tests."
- Mann, Nancy**, University of California, major in biostatistics, "Point and interval estimates for reliability parameters when failure times have the two parameter Weibell distribution."
- Marcus, Allan**, University of California, major in statistics, "A stochastic model of the formation and survival of lunar craters."
- Mellits, E. David**, The Johns Hopkins University, major in biostatistics, "Estimation and design for intersecting regressions."
- Mendel, Jack M.**, Virginia Polytechnic Institute, major in statistics, "The statistical analysis of non-linear response functions with application to the genetics of poultry growth."
- Milton, Roy C.**, University of Minnesota, major in statistics, "Exact properties of rank order procedures under normal shift alternatives."
- Mostafa, M. G.**, University of London, major in statistics, "Some aspects of variance component analysis."
- Nasoetion, Andi H.**, North Carolina State University, major in experimental statistics, "An evaluation of two procedures to estimate genetic and environmental parameters in a simultaneous selfing and partial diallel test-crossing design."
- Nelson, Wayne B.**, University of Illinois, major in statistics, "Minimax solutions of statistical decision problems by iteration."
- Nixon, David E.**, North Carolina State University, major in experimental statistics, "A study of the distributions of two test statistics for periodicity in variance."
- Norman, James E., Jr.**, Virginia Polytechnic Institute, major in statistics, "Restricted ranking."
- Norman, Maurice F.**, Stanford University, major in statistics, "A probabilistic model for free-responding."
- Nuri, Walid A.**, North Carolina State University, major in experimental statistics, "Fourier methods in the study of variance fluctuations in time series analysis."

- Owen, William B., Colorado State University, major in statistics, "Generalized development of lower bounds on parametric functions with applications."
- Parent, Elias A., Jr., Stanford University, major in statistics, "Sequential ranking procedures."
- Percus, Ora E., Columbia University, major in statistics, "Applications of combinatorial methods to random walk and ballot problems."
- Pickands, James, III, Columbia University, major in statistics, "Maxima of stationary Gaussian processes."
- Priore, Roger L., The Johns Hopkins University, major in biostatistics, "A method for analyzing tumor response to chemotherapy."
- Rao, Poduri S., Harvard University, major in statistics, "Contributions to the nonresponse problem in sample survey."
- Roseberry, Thomas D., Iowa State University, major in statistics, "The utilization of concomitant information in sequential procedures for the comparison of two treatments."
- Rounding, Robert, Colorado State University, major in statistics, "A two-step sample size problem."
- Sadosky, Cora S., University of Chicago, major in mathematics, "Parabolic singular integral operators."
- Ehsanes Saleh, A. K. M., University of Western Ontario, major in mathematics, "On the estimation of the parameters of the exponential distribution based on optimum order statistics in censored samples."
- Savary, Louis M., The Catholic University of America, major in mathematics, "On spherical distributions."
- Saxena, K. M. Lal, University of Minnesota, major in statistics, "Some nonparametric Bayesian estimation problems."
- Scheidemandel, Theodor, University of Vienna, major in mathematics, "Unifiente mengen."
- Scott, Alastair J., University of Chicago, major in statistics, "Allocation of effort in the design of selection procedures."
- Sethi, V. K., Indian Statistical Institute, major in statistics, "Contributions to stratified sampling and some related problems."
- Shih, Chung-Tuo, University of Washington, major in mathematics, "Markov processes whose hitting distributions are dominated by those of a given process."
- Shorack, Galen, Stanford University, major in statistics, "Estimation of scale in the two-sample problem."
- Shumway, Robert, George Washington University, major in statistics, "An information theoretic approach to the problem of discriminating between two stochastic processes."
- Srivastava, Ramesh Chandra, Michigan State University, major in statistics, "Estimation of the parameter in the model for Phage attachment to bacteria."
- Starr, Norman, Columbia University, major in statistics, "On the sequential estimation of the mean of a normal population with unknown variance."
- Sternin, Chaim, Stanford University, major in statistics, "Statistical sequencing of archaeological data."
- Stewart, Leland T., Stanford University, major in statistics, "Continuous sampling by variables under destructive testing."
- Strauch, Ralph, University of California, major in statistics, "Negative dynamic programming."
- Swain, Donald D., Stanford University, major in statistics, "Bounds and rates of convergence for the extended compound estimation problem in the sequence case."
- Switzer, Paul, Harvard University, major in statistics, "Sampling of random set processes in the plane."
- Tainiter, Melvin, The Johns Hopkins University, major in statistics, "Empirical Bayes and subminimax decision problems and applications."

- Tallis, G. M.**, New South Wales (1964), major in mathematics, "Truncation, grouping and the construction of distributions with special reference to normal populations."
- Taylor, Howard M., III**, Stanford University, major in statistics, "Statistical control."
- Tetreault, Florence G.**, Iowa State University, major in statistics, "Statistical outlier methodology for observed points and lines."
- Thomas, David R.**, Iowa State University, major in statistics, "Asymptotic value distributions for certain $2 \times n$ games and n -stage games of perfect information."
- Thompson, J.**, Princeton University, major in mathematics, "A shrinking technique for modifying minimum variance unbiased linear estimates."
- Tollack, Earl S.**, Harvard University, major in biostatistics, "Multifactorial analysis of psychiatric admission rates."
- Toure, Salion**, University of Paris, major in statistics, "Sur une équation intégrale de statistique stellaire."
- Trumbo, Bruce E.**, University of Chicago, major in statistics, "Sufficient conditions for the weak convergence of conditional probability distributions in a metric space."
- Urquhart, N. Scott**, Colorado State University, major in statistics, "On the permutation distribution of a multivariate test statistic."
- Vagi, Stephen**, University of Chicago, major in mathematics, "On multipliers and singular integrals in L^p spaces of vector valued functions."
- Varaday, John**, University of California, major in biostatistics, "Interval estimation in polynomial regression."
- Walker, Strother H.**, The Johns Hopkins University, major in biostatistics, "Estimation of the probability of occurrence of a disease as a function of several variables."
- Wheeden, Richard L.**, University of Chicago, major in mathematics, "On trigonometric series associated with hypersingular integrals."
- Wolock, Fred W.**, Virginia Polytechnic Institute, major in statistics, "Cyclic designs."
- Yeo, G. F. W.**, Australian National University (1963), major in statistics, "Some problems in queueing, storage and traffic theory."
- Zemach, Rita B. (Mrs.)**, Michigan State University, major in statistics, "On orthogonal arrays of strength four and their applications."

PUBLICATIONS RECEIVED

- BARSHELET, EDWARD** (1965). *Statistical Methods for the Analysis of Problems in Animal Orientation and Certain Biological Rhythms*. American Institute of Biological Sciences, Washington, D.C. vi + 57 pp. \$3.50.
- BERBERIAN, S. K.** (1966). *Notes on Spectral Theory* (paperback). D. Van Nostrand Co., Princeton. iv + 122 pp. \$2.50.
- BERCKEL, J. VON, CORSTIUS, H. BRANDT, MOKKEN, R. J., and WIJNGAARDEN, A. VON** (1965). *Formal Properties of Newspaper Dutch*. Mathematical Tract No. 12, Stichting Mathematisch Centrum, Amsterdam. x + 120 pp. Hfl. 12.00, in the Benelux, \$4.00 elsewhere.
- COX, D. R. and MILLER, H. D.** (1965). *The Theory of Stochastic Processes*. John Wiley and Sons, New York. x + 398 pp. \$11.50.
- DEUTSCH, RALPH** (1965). *Estimation Theory*. Prentice-Hall, Englewood Cliffs. xiv + 269 pp. \$9.75.
- DYNKIN, E. B. and USPENSKII, V. A.** (1963). *Random Walks* (paperback). D. C. Heath and Co., Boston. viii + 80 pp. \$2.00.