NEWS AND NOTICES

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

Personal Items

Richard Lee Beatty, Assistant Professor at the University of Wyoming, is presently on leave for a year of study at Stanford.

William H. Beyer completed his Ph.D. in Statistics at Virginia Polytechnic Institute in July, 1961, whereupon he joined the staff of the Department of Mathematics at the University of Akron (Ohio). He was formerly a member of the staff of the Department of Mathematics, V.P.I.

B. Ramdad Bhat has completed his Ph.D. in Statistics at the University of California, Berkeley and will be spending the academic year 1961–62 at Michigan State University as Assistant Professor of Statistics. Dr. Bhat is on leave from Karnatak University, Dharwar, India.

Professor R. C. Bose of the Department of Statistics at the University of North Carolina, has been granted leave to carry on research in Europe during the academic year 1961–62.

Mr. Victor Chew has accepted a part time position in the Department of Biostatistics of the Johns Hopkins University. He will divide his time between the Dr. David Duncan research project and the Operations Research Branch of the U. S. Naval Weapons Laboratory at Dahlgren, Virginia, where he is a mathematical statistician.

Dr. Edwin L. Crow, Consultant in Statistics at the Boulder Laboratories, National Bureau of Standards, is studying during the 1961–62 academic year at the Department of Statistics, University College, Gower Street, London, W.C.1, England.

Shanti S. Gupta, Member of the Technical Staff of the Bell Telephone Laboratories and Adjunct Professor of Mathematics at New York University, is on leave during the academic year 1961–62 and has been appointed Visiting Associate Professor in the Department of Statistics at Stanford University.

Francisco Azorín Poch, formerly of the Universidad Central de Venezuela teaching staff, has been appointed Professor of the Faculty of Science at the University of Santiago, Spain, beginning October 1st.

A. Salem Qureishi has joined the staff of IBM's subsidiary, San Jose Data Processing Center, as a statistician.

D. Raghavarao has completed his Ph.D. at the Bombay University.

Dr. Harry G. Romig, previously senior scientist and staff member of Operations Research, Inc., has been named corporate director of quality engineering of Leach Corporation.

Professor Dudley E. South, University of Florida, has accepted an appointment as visiting Professor of Mathematics, Florida Presbyterian College, St. Petersburg, for the academic year 1961–62.

New Members

The following persons have been elected to membership in the Institute

Armstrong, Robert K., B.A. (Boston University); Quality Engineer, Minneapolis/Honeywell, Commercial Division. *5th and 5th North, Minneapolis, Minnesota.*

Bakhit, Osman B., B.Sc. (University of Kartoum, India); Graduate Student, Biometrics Unit, School of Agriculture, Cornell University, Ithaca, New York; *224 Linden Avenue, Ithaca, New York.*

Blachman, Nelson M., Ph.D. (Harvard University); Consultant on Communication Theory, Electronic Defense Laboratories, Sylvania Electric Products, Inc., Box 205, Mountain View, California; *443 Ferne Avenue, Palo Alto, California.*

Bohider, Neeti R., Ph.D. (Iowa State University); Assistant Professor of Statistics, *Utah State University, Logan, Utah.*

Chanda, Kamal C., Ph.D. (University of Manchester, England); Assistant Professor of Mathematics, *University of Idaho, Moscow, Idaho.*

Elliott, Antony G. L., B.Sc. (University of Western Australia); Lecturer in Mathematical Statistics, University of New South Wales; *Post Office Box 1, Kensington, NSW.; 1 Yanko Road, Pymble, NSW.*

Farrell, Edward J., B.S., (University of Minnesota); Student at University of Minnesota; Remington Rand Univac, Univac Park, St. Paul 16, Minnesota; *1370 Berkeley Avenue, St. Paul 5, Minnesota.*

Foster, Louis A., M.S., (Purdue University); Graduate Student, *Statistical Laboratory, Purdue University, Lafayette, Indiana.*

Giri, Narayan C., Ph.D. (Stanford University); Teaching Assistant, *Statistics Department, Stanford University, Stanford, California.*

Glass, Donald N., B.S., (University of Wyoming); Chief of Computing, Computing Laboratory, University of Wyoming, Department of Statistics; *463 North 10th Street, Laramie, Wyoming.*

Godfrey, Milton L., B.M.E., (New York University); Director of Applied Sciences Division, *CIER, 270 Park Avenue, New York 17, New York.*

Goldfab, Jay, M.B.A., (University of Pennsylvania); Operations Research Analyst, *Johnsville, Pennsylvania.*

Gopalan, M. N., M.Sc., (University of Mysore, India); Senior Technical Analyst, Indian Institute of Technology, Department of Mathematics, *Post Office Box 11T, Powai, Bombay 76, India.*

Gray, Kenneth B. Jr., M.S., (Stanford University); Graduate Research Mathematician, U.C.L.A., Los Angeles 24, California; *3100 Sawtelle Boulevard, Los Angeles 66, California.*

Kern, Richard N., M.S. (St. Louis University); Supervisory Mathematician, National Security Agency, Fort George Meade; *904 Kenbrook Court, Silver Spring, Maryland.*

Kinney, John J., M.S. (University of Michigan); Assistant Professor of Mathematics, St. Lawrence University, Canton, New York; *55 Perine Street, Dansville, New York.*

Klebba, A. Joan, M.A. (Catholic University of America); Staff Statistician, National Office of Vital Statistics; *1469 South 28th Street, Arlington, 6, Virginia.*

Lowenstein, Regina S., A.M., (Columbia University); Statistician, Research Unit, Columbia University School of Public Health and Administrative Medicine, 21 Audubon Avenue, New York 33, New York; *33 West 63rd Street, New York 23, New York.*

Nederlof, Marinus Herman, Ph.D., (Leiden State University, The Netherlands); Office Geologist for Compania Petrolera Boliviana Shell Ltda., Casilla de Correos 20, La Paz, Bolivia; *c/o Ir. O. B. Blosma, Graaf Jan laan 11, Naarden, The Netherlands.*

Pate, James L., M.A. (University of Alabama); Instructor, University of Alabama; *Box 4211, University, Alabama.*

Pessin, Vivian, M.A. (Columbia University); Statistician, Childrens Hospital, *219 Bryant Street, Buffalo 22, New York.*

Peugh, Laura V., M.S. (Purdue University); Mathematician, *David Toller Model Basin, Carderock, Maryland.*

Powell, Joe L., M.S. (Tulane University); Assistant Director, Biomathematics Laboratory, Baylor University College of Medicine, Texas Medical Center, Houston, Texas; *8245 Park Place Boulevard, Apt. 6, Houston 17, Texas.*

Reyment, Richard A., D.Sc. (University of Stockholm); Docent at the *University of Stockholm, Department of Geology, Kungstengatan 45, Stockholm Va., Sweden.*

Rhode, Charles A., B.S. (Case Institute of Technology, Cleveland, Ohio); Graduate Assistant, *Institute of Statistics, North Carolina State College, Raleigh, North Carolina.*

Rowe, Peter M., M.B.A., (New York University); Student, New York University Graduate School of Arts and Sciences, Washington Square, New York; *211 Alpine Drive, Closter, New Jersey.*

Sarndal, Carl-Erik, Fil.Lic. (University of Lund, Sweden); Post-doctoral fellow, *Department of Biostatistics, University of North Carolina, Chapel Hill, North Carolina.*

Schafer, Ray E., M.B.A. (Western Reserve, Cleveland, Ohio); MTS Statistician, Hughes Aircraft Corporation, Ground Systems Group, Box 2097, Fullerton, California, Mail Station E 116, Building 393; *11652 Stuart Drive, Garden Grove, California.*

Sellheim, H. Dale, B.S., (University of North Dakota, Grand Forks); Senior Mathematician, C-E-I-R, 1200 Jefferson Davis Highway, Arlington 2, Virginia; *6713 14th Street N.W., Washington, D.C.*

Seri, Armand, M.S. (University of Wichita); Graduate Student, University of Illinois, Urbana; *905 South First Street, Apt. 24, Champaign, Illinois.*

Tantuco, Guillermo N., M.A., (University of Michigan); *Tantuco Enterprises, 311 Ayala Building, Juan Luna Street, Manila, Philippines.*

Tierney, Thomas R., B.S., (Temple University); Student; *1926 North Broad Street, Philadelphia 21, Pennsylvania.*

Whitton, Howard J. G., B.Sc., (University of London); Senior Mathematician, Trans Canada Airlines (O.R. Department) Room 907, Terminal Centre Building, 1060 University Street, Montreal 3, Quebec, Canada; *2407 Lockhart Avenue, Montreal 16, Quebec, Canada.*

Williams, Bryan Mc., A.B., (George Washington University); Booz/Allen Applied Research, Inc., 4921 Auburn Avenue, Bethesda, Maryland; *4611 River Road, N.W., Washington 1, D. C.,*

Winter, Ralph P., M.Ed., (College of St. Thomas, St. Paul, Minnesota); Graduate Student, University of Minnesota, Minneapolis 14; *5712 38th Avenue South, Minneapolis 17, Minnesota.*

INTERNATIONAL ABSTRACTS IN OPERATIONS RESEARCH

The Operations Research Society of America and the International Federation of Operations Research Society announce the publication of a new journal, *International Abstracts in Operations Research.* Herbert P. Galliher (Massachusetts Institute of Technology) will be the Editor.

The new journal will contain abstracts of articles selected, on the basis of their relationship to Operations Research, from a large number of journals. The first issue is scheduled to appear in November, 1961. An annual subscription will cost $12.50 in the United States and Canada, $10 elsewhere.

Orders for subscriptions should be sent to the Business Manager, Operations Research Society of America, Mt. Royal and Guilford Avenues, Baltimore 2, Maryland, U.S.A. Editorial communications should be addressed to the Editor,

International Abstracts in Operations Research, Room 6-218, Massachusetts Institute of Technology, Cambridge 39, Mass., U.S.A.

FELLOWSHIP AND RESEARCH OPPORTUNITIES

The Division of Mathematics, National Academy of Sciences—National Research Council calls attention to a variety of fellowships and other support for basic research in mathematics to be awarded by agencies of the Federal Government during the year 1961–62. A list of sources of support is given in the bulletin, "A Selected List of Major Fellowship Opportunities and Publications for Educational Support," available from the Fellowship Office, National Academy of Sciences—National Research Council, 2101 Constitution Avenue, Washington 25, D. C.

PRELIMINARY ACTUARIAL EXAMINATIONS
PRIZE AWARDS ANNOUNCED

The winners of the prize awards offered by the Society of Actuaries to the nine undergraduates ranking highest on the score of the General Mathematics Examination of the 1961 Preliminary Actuarial Examinations are as follows:

First Prize of $200

Wells, John C.   Massachusetts Institute of Technology

Additional Prizes of $100 each

Bender, Edward A.	California Institute of Technology
Butler, William A.	Queen's University
Corwin, Lawrence J.	Harvard University
Hochster, Melvin	Harvard University
Mather, John N.	Harvard University
Segal, David M.	Harvard University
Waterhouse, William C.	Harvard University
Weiss, Norman J.	Harvard University

The Society of Actuaries has authorized a similar set of nine prizes for 1962. The Preliminary Actuarial Examinations consists of two examinations: The General Mathematics Examination (based on the first two years of college mathematics), and The Probability and Statistics Examination. The 1962 Preliminary Actuarial Examinations will be prepared by the Educational Testing Service under the direction of a committee of actuaries and mathematicians, and will be administered by the Society of Actuaries at centers throughout the United States and Canada on November 15, 1961 and on May 9, 1962. The closing date for applications is April 1, 1962. Further information concerning these Examinations can be obtained from the Society of Actuaries, 208 South LaSalle Street, Chicago 4, Illinois.

DISCOUNT FOR
THEORY OF PROBABILITY AND ITS APPLICATIONS

The Society for Industrial and Applied Mathematics has announced that it is extending its discount subscription rate for *Theory of Probability and its Applications* (a cover-to-cover English translation of the Soviet journal, *Teoriva Veroyatnostei i ee Primeneniya*) to the individual members of the organizations comprising the Conference Board of the Mathematical Sciences. In particular, members of the Institute of Mathematical Statistics may now subscribe at the rate of $9.50 a year; subscriptions may be entered beginning with Volume 1 (1956) or beginning with later volumes.

Volumes 1 (1956) through 4 (1959) are now complete and available. The first three of these are bound in hard covers. All the 1960 issues should be available by the end of 1961.

Subscription orders, and requests for further information, should be sent to SIAM, Box 7541, Philadelphia 1, Pennsylvania, U. S. A. Membership in the Institute of Mathematical Statistics should be mentioned.

SYMPOSIUM ON REDUNDANCY TECHNIQUES
FOR COMPUTING SYSTEMS

A symposium on Redundancy Techniques for Computing Systems, sponsored by the Information Systems Branch, Office of Naval Research, will be held on 6 and 7 February 1962. This Symposium will be held in the *Department of the Interior Auditorium*, C Street between 18th and 19th Street, N. W., *Washington, D. C.*

The objective of the Symposium is to focus attention on new ideas, research, and developments which may lead to the introduction of redundancy techniques into forthcoming computing systems. It is apparent that many information processing systems of the future will be of such size that conventional methods of fabrication and of maintenance will be completely infeasible. Computers for space applications have reliability requirements which are presently not achievable without use of redundancy. Thus, some form of logical redundancy must be introduced if practical systems are to be operated. Accordingly, it is planned to present in a single symposium a collection of related papers concerning suggested new techniques for the use of redundancy in computing systems. This should permit relative evaluation of such techniques with respect to their probable future utilization in various aspects of the computing field. The program will consist of papers invited from many of the organizations engaged in appropriate research and development activities.

Attendance is open to all interested technical personnel. Further information and a preliminary Symposium program, when available, may be obtained from Miss Josephine Leno, Code 430A, Office of Naval Research, Washington 25, D. C., (Phone OXford 6-6213).

REPORT OF THE PRESIDENT FOR 1961

The past year has been one of continued growth for the Institute as for the statistical profession as a whole.

Publications

As announced in the March *Annals*, the year saw the publication of the first two volumes of the *Statistical Research Monographs*, jointly sponsored by the Institute and the University of Chicago. Another new series, of which the first volume was published this year, is the *Selected Translations in Mathematical Statistics and Probability*, which is being published jointly by the Institute and the American Mathematical Society. Further volumes in both series are in preparation.

The most central activity of the Institute is probably its publication of the *Annals of Mathematical Statistics*. The *Annals* was founded in 1930 by Professor H. C. Carver, and he edited the journal—which was published first under the auspices of the American Statistical Association and later of the IMS—until 1938. In recognition of the great debt we all owe to Professor Carver for this farsighted and courageous action which he undertook against great odds and discouragement, and as a token of our gratitude to him, the Council is dedicating the 1961 volume of the *Annals* to Professor Carver on the occasion of his retirement from his Professorship at the University of Michigan.

The end of the Institute year marks the expiration of the term of office of the Editorial Board of the *Annals*. I wish to express the gratitude of the Institute to this board and in particular to the retiring Editor, William Kruskal, for his untiring and most successful work during the last three years. At the recommendation of a committee consisting of L. J. Savage (Chairman), D. R. Cox, T. E. Harris and C. M. Stein, the Council asked J. L. Hodges, Jr., to take over the Editorship and Professor Hodges has accepted this appointment.

The Council decided at the Stanford meeting that it would be desirable to review the organization of the *Annals*, and in particular to investigate whether the Institute should start a separate probability journal. Much thought was given to these problems by a committee consisting of T. E. Harris (Chairman), D. Blackwell, J. Daly, J. L. Doob, J. L. Hodges, Jr., W. Kruskal and W. Smith. The committee recommended against the establishment of a separate probability journal. Regarding the organization of the *Annals*, it pointed to the imperative need to cut down the work load of the Editor, and to that end recommended that the Editor should be freed of the duties connected with publishing (as opposed to editing) the *Annals*. The Committee also suggested that the whole problem of *Annals* reorganization should be considered again before the end of the term of the incoming Editor.

Meetings

An important feature of the meetings held this year, a spring meeting of the Eastern Region at Cornell and the Annual meeting in Seattle, were a number of Special Lectures arranged by the Committee on Special Lectures, consisting of

Leo Katz (Chairman), G. E. P. Box, D. Gilford, J. Kiefer, H. Robbins, H. Scheffé, and D. Wallace. The 8th Rietz lecture was delivered by Professor Blackwell on "Dynamic Programming" and the 4th series of Wald lectures by Professor Stein on the topic "Estimation of Many Parameters." In addition, Special Invited Papers were presented by Dr. T. Dalenius, Professor D. Dugué and Professor M. Fisz.

At the Stanford meeting, the Council decided to initiate the holding of European regional meetings in addition to the Annual meeting and to the meetings of the American regions. At the recommendation of a Committee consisting of H. Theil (Chairman), J. Durbin, G. Elfving, M. Fisz, R. Fortet, U. Grenander, A. Hald, J. Hemelrijk, A. Linder, D. Lindley, L. Schmetterer and E. Sverdrup, the Council at the Seattle meeting accepted invitations to hold such meetings in the summer of 1962 in Dublin and of 1963 in Copenhagen.

After an interruption of several years, we hope to resume the Summer Institutes which were so successful in 1955–58. At the recommendation of a committee consisting of J. Kiefer (Chairman), H. Chernoff, D. Gilford, J. Pratt and M. Sobel, the Council accepted the invitation of Michigan State University to hold a Summer Institute there in 1963 on the subject, "Statistical inference in stochastic processes"; the committee hopes also to make arrangements for such an Institute for 1962.

Membership

The Committee on Institutional Memberships under the chairmanship of Mervin Muller has had another very successful year. President-Elect Bowker organized a drive for individual members which also met with considerable success. Finally, a European Membership Committee has just started functioning under the chairmanship of Eugene Lukacs.

It is a great pleasure to congratulate the new Fellows of the Institute: R. Bradley, T. Dalenius, C. Derman, M. Dwass, D. Gilford, M. V. Johns, Jr., E. Parzen, and I. R. Savage.

Visiting Scientist's Program

Because of the critical shortage, in many areas, of qualified statisticians, the Council at the Stanford meeting discussed the desirability of a Visiting Scientist's Program in Statistics and Probability, which would bring the nature of the field and its potentialities to the attention of prospective students and their advisers. A proposal to the National Science Foundation for support of such a program has been prepared by a committee consisting of R. Bradley (Chairman), D. Blackwell, D. Chapman, J. W. Hamblen, B. Harshbarger, R. Pinkham, L. Snell and S. S. Wilks.

The Role of IMS and Its Relationship with Other Societies

Although the IMS was founded in the United States and most of its activities have been centered there, the constitution has never provided for a national affiliation. At present, about one fourth of the IMS membership is outside the U.S.A., and the proportion has been increasing.

With the rapid development of statistics in many parts of the world, there is an increasing need for a nonrestrictive and truly international statistical organization, with emphasis on theory. It is possible that, in time, the IMS could develop into such an organization. The whole problem of the international role of IMS, including in particular the question of whether IMS should affiliate with the International Statistical Institute, is being studied by a committee consisting of W. G. Cochran (Chairman), M. S. Bartlett, J. Durbin, D. M. Gilford, U. Grenander, A. Hald, J. Neyman, G. E. Nicholson and J. W. Tukey.

In the U.S.A., the growth of statistics has posed the problem of developing an organization that could effectively speak for the statistical community as a whole. For this purpose, the American Statistical Association organized a meeting of statistical societies, at which our representatives were H. Scheffé and S. S. Wilks. At the meeting, a conference board of statistical societies was discussed, similar to the Conference Board of Mathematical Sciences of which IMS is a member, and a committee was appointed to draft a constitution for such a board.

A great deal of work of the Institute is done by its committees, and I should like to thank the many persons who accepted committee service and worked hard to make it a success. I should also like to acknowledge the great personal debt I owe to President-Elect Albert H. Bowker and Program Coordinator Dorothy Gilford for their invaluable advice and assistance throughout the year. In conclusion I should like to announce the Nominating Committee for next year, which consists of H. Raiffa (Chairman), H. E. Daniels, P. Meier, D. Owen, R. Pyke, C. R. Rao, A. Rényi, I. R. Savage, and M. Zelen.

E. L. LEHMANN

IMS OFFICERS, COMMITTEES, AND REPRESENTATIVES—1961

Council Members and Officers

Terms Expire 1961	*Terms Expire 1962*
F. J. Anscombe	T. W. Anderson
T. E. Harris	Z. W. Birnbaum
Leo Katz	J. L. Hodges, Jr.
S. S. Wilks	Wassily Hoeffding
Terms Expire 1963	*Terms Expire 1964*
Herman Chernoff	R. L. Anderson
Kai-Lai Chung	D. Blackwell
M. G. Kendall	W. Kruskal
Gerald J. Lieberman	S. N. Roy
Charles Stein	

One Year Terms

Joseph Berkson
David L. Wallace

President: E. L. Lehmann
President-Elect: A. H. Bowker
Secretary: G. E. Nicholson, Jr.
Treasurer: Gerald Lieberman
Editor: W. H. Kruskal

Program Coordinator: D. H. Gilford
Associate Secretaries
Central: D. Burkholder
Eastern: Joan Rosenblatt
Western: Fred Andrews

COMMITTEES—1961

(The first person named is the chairman)

COMMITTEE ON *ANNALS* INDEX

I. R. Savage, T. E. Harris, J. L. Hodges, Jr., W. H. Kruskal, G. E. Nicholson, Jr.

BROCHURE COMMITTEE

E. Parzen, D. Blackwell, A. H. Bowker, J. F. Daly, B. G. Greenberg, M. H. Hansen,
G. E. Nicholson, Jr., S. S. Wilks

COMMITTEE ON EXCHANGES

Work of committee now performed by G. E. Nicholson, Jr.

COMMITTEE ON FELLOWS .

H. Solomon (1961), E. J. G. Pitman (1961), W. G. Cochran (1962), J. L. Hodges, Jr.
(1962), G. Elfving (1963), I. Olkin (1963)

COMMITTEE ON FINANCE

H. Levene, K. J. Arnold, K. A. Brownlee, J. Curtiss, G. Liebermann

COMMITTEE ON INSTITUTIONAL MEMBERS

M. E. Muller, K. J. Arnold, E. L. Crow, M. Dwass, E. Lukacs, P. D. Minton,
R. B. Murphy, E. Seiden

COMMITTEE ON MATHEMATICAL TABLES

D. B. Owen, R. L. Anderson, A. H. Bowker, P. C. Cox, W. J. Dixon, C. Eisenhart,
J. A. Greenwood, S. S. Gupta, H. O. Hartley, H. L. Harter, L. Katz, F. C.
Leone, M. E. Muller, P. Olmstead, G. P. Steck, M. A. Woodbury, M. Zelen

COMMITTEE ON MEMBERSHIP

A. H. Bowker

NOMINATING COMMITTEE—1962 ELECTION

Howard Raiffa, H. E. Daniels, P. Meier, D. B. Owen, R. Pyke, C. R. Rao,
A. Rényi, I. R. Savage, M. Zelen

COMMITTEE ON PROFESSIONAL STANDARDS

J. Lev, R. W. Burgess, C. Eisenhart, G. M. Harrington, B. Kimball,
A. W. Kimball, H. Marshall, R. Patton, J. Walsh

PROGRAM COMMITTEE FOR ANNUAL MEETING

D. Wallace, F. Anscombe (Vice-Chairman), J. Blum, J. L. Folks, R. Gnanadesikan,
A. T. James, R. Mickey, R. Miller, R. Radner, G. Watson, G. E. Nicholson, Jr.,
D. M. Gilford (ex officio)

PROGRAM COMMITTEE FOR CENTRAL REGIONAL MEETING

R. A. Wijsman, J. Berkson, G. E. P. Box, V. R. Hogg, M. Katz, Jr., P. Minton,
H. Rubin, M. Sobel, O. Wesler, D. R. Whitney

PROGRAM COMMITTEE FOR EASTERN REGIONAL MEETING

Mervin E. Muller, R. Bechhofer, R. A. Bradley, C. Daniel, A. P. Dempster,
S. W. Greenhouse, M. Kastenbaum, E. Paulson, W. L. Smith,
H. Teicher, R. Wormleighton, M. Zelen

PROGRAM COMMITTEE FOR EUROPEAN MEETING

H. Theil (Rotterdam), G. Elfving (Stanford), R. Fortet (Paris), M. Fisz (Seattle), U. Grenander (Stockholm), A. Hald (Copenhagen), J. Hemelrijk (Amsterdam), D. V. Lindley (Cardiganshire, Wales), A. Linder (Geneva), L. Schmetterer (Hamburg), E. Sverdrup (Oslo)

COMMITTEE ON THE INTERNATIONAL ROLE OF IMS

W. Cochran, M. S. Bartlett, J. Durbin, D. Gilford, U. Grenander,
A. Hald, J. Neyman, G. Nicholson, J. W. Tukey

COMMITTEE TO SELECT A NEW EDITOR

L. J. Savage, D. Cox, T. Harris, C. Stein

COMMITTEE ON SPECIAL PAPERS

L. Katz, G. E. P. Box, J. Kiefer, I. Olkin, H. Robbins, H. Scheffé,
D. Gilford (ex officio), D. Wallace (ex officio)

COMMITTEE ON SUBSCRIPTIONS

E. P. Coleman, J. K. Adams, C. B. Bell, K. A. Bush, L. R. Elveback, H. Harmon

COMMITTEE ON *ANNALS* REORGANIZATION

T. Harris, D. Blackwell, J. F. Daly, J. L. Doob, J. L. Hodges, Jr., W. H. Kruskal,
W. Smith

COMMITTEE TO REEXAMINE IMS FROM VIEWPOINT OF YOUNGER MEMBERS

W. L. Smith, P. Billingsley, S. H. Brooks, B. W. Brown, Jr., D. L. Burkholder, M. B. Danford, M. H. DeGroot, A. P. Dempster, D. A. Gardiner, W. J. Hall, J. W. Hamblen, J. E. Jackson, A. Madansky, H. E. McKean, R. Pyke, D. L. Wallace, O. Wesler, R. A. Wijsman

COMMITTEE ON RUSSIAN TRANSLATIONS

W. Hoeffding, M. Dwass, E. Lukacs, I. Olkin, L. Schmetterer, W. Kruskal (ex officio)

COMMITTEE TO ORGANIZE A SUMMER INSTITUTE

J. Kiefer, H. Chernoff, J. Pratt, M. Sobel

COMMITTEE ON THE VISITING SCIENTISTS PROGRAM

R. Bradley, D. Blackwell, D. Chapman, J. W. Hamblen, B. Harshbarger,
R. Pinkham, L. Snell, S. S. Wilks

COMMITTEE ON THE RELATIONSHIPS AMONG STATISTICAL SOCIETIES

H. Scheffé, S. S. Wilks

REPRESENTATIVES TO PROFESSIONAL ASSOCIATIONS—1961

IMS REPRESENTATIVE TO AAAS—Harold Hotelling

AMERICAN STANDARDS ASSOCIATION COMMITTEE ON STATISTICAL
NOMENCLATURE: IMS REPRESENTATIVE—P. G. Hoel

IMS REPRESENTATIVE TO CONFERENCE ORGANIZATION OF THE
MATHEMATICAL SCIENCES—W. M. Rosenblatt, Z. W. Birnbaum

IMS REPRESENTATIVE IN DIVISION OF MATHEMATICS—NATIONAL
RESEARCH COUNCIL—F. C. Mosteller

IMS REPRESENTATIVES ON JOINT ASA-IMS BROCHURE COMMITTEE

S. S. Wilks, D. Blackwell, B. G. Greenberg, W. H. Kruskal

IMS REPRESENTATIVES TO AMS-IMS COMMITTEE ON RUSSIAN
TRANSLATIONS—W. Hoeffding, I. Olkin

REPORT OF THE EDITOR FOR 1961

During the operating year August 1, 1960 to July 31, 1961, there were 225
manuscripts submitted to the *Annals*. Final decisions were made for 219 manu-
scripts during the 1960–61 operating year, and 185 manuscripts were under
editorial consideration on July 31, 1961.

A detailed statistical report of *Annals* operations in 1960–61 will be sent to
interested members on request.

William Kruskal's term as Editor ended on June 30, 1961; J. L. Hodges, Jr.
began his editorship on July 1, 1961. Kruskal will, however, continue to be
responsible for editorial decisions about manuscripts submitted on or before
June 30, 1961, and still under consideration at that date.

It is a pleasure to express renewed gratitude to the Associate Editors for their
difficult and effective work. Mrs. Robert Isherwood, Editorial Assistant, has
devoted herself to the complex task of managing and carrying out the many
tasks that arise in publishing the *Annals*; we thank her deeply. The Universities
of Chicago and California have continued to provide material aid.

Finally, we have the pleasure of listing the names of referees of papers for which
final editorial decisions have been made during the period from October 1960
and September 1961 inclusive. Their work is essential in carrying out our editorial
procedures, and we express to them our great appreciation.

WILLIAM KRUSKAL, Past Editor

J. L. HODGES, JR., Editor

Addelman, Sidney	Blackwell, David	Chapman, D. G.
Anderson, R. L.	Blum, Julius R.	Cogburn, Robert
Anderson, T. W.	Blumenthal, R. M.	Connor, William S.
Anscombe, F. J.	Bofinger, V.	Craswell, Keith
Armitage, P.	Borges, Rudolf E.	Daley, Joseph F.
Arrow, Kenneth	Bose, R. C.	Daniels, H. E.
Bahadur, R. R.	Box, G. E. P.	Darling, Donald A.
Balakrishnan, A. V.	Brillinger, David	Dean, B. V.
Barlow, Richard E.	Brunk, H. D.	DeGroot, Morris
Baxter, Glen	Buehler, Robert J.	Dempster, A. P.
Bharucha-Reid, A. T.	Burkholder, D. L.	Derman, Cyrus
Billingsley, Patrick	Chaing, C. L.	Dhruvarajan, P. S.
Birnbaum, Allan	Chakravarti, I. M.	Dixon, W. J.

Duncan, David B.
Dwass, Meyer
Eicker, Friedhelm
Epstein, Ben
Fisz, M.
Folks, J. Leroy
Foster, F. G.
Fraser, D. A. S.
Ghurye, S. G.
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Goodman, Leo A.
Graybill, F.
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Jones, Richard
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Lieberman, Gerald
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Loève, Michel
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Madansky, A.
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Miller, Rupert G.
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McCarthy, Philip
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Paulik, Gerald
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Shah, B. V.
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Sobel, Milton
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Thompson, Donovan
Thompson, W. A., Jr.
Trotter, Hale F.
Truax, Donald R.
Tucker, Howard
Tukey, John W.
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Ury, Hans
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Weiss, Lionel
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DOCTORAL DISSERTATIONS IN STATISTICS, 1960

The following dissertation titles were received too late for inclusion in the September 1961 *Annals*.

Ed.

Martin Arthur Arkowitz, Cornell University, major in geometry, algebra, analysis, "The Generalized Whitehead Product."

K. M. Ferrin, University of California, Los Angeles, major in statistics, "Multiple Decision Procedures for Normal Populations."

Yoichiro Fukuda, University of California, Los Angeles, major in statistics, "Estimation Problems in Inventory Control."

R. I. Jennrich, University of California, Los Angeles, major in statistics, "Analysis of Variance in the General Mixed Model."

Alan Gustave Koneheim, Cornell University, major in analysis, algebra, applied mathematics, "Some Properties of a Class of Finite Trigonometric Sums."

Samuel Kotz, Cornell University, major in analysis, algebra, geometry, "Exponential Bounds for the Probability of Error in Discrete Memoryless Channels."

E. M. Scheuer, University of California, Los Angeles, major in statistics, "Simultaneous Estimation for Means of Medians of Dependent Random Variables without Distribution Assumptions."

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