

Membership. It is hoped that this provision for Junior Membership will stimulate interest in mathematical statistics at the advanced undergraduate level in colleges and universities.

The Board of Directors have approved the following rules governing Junior Membership:

1. Any undergraduate student of a collegiate institution is eligible for election as a Junior member of the Institute of Mathematical Statistics provided that he or she is sponsored by a member of the Institute.
2. The annual dues (\$2.50) must be submitted with the application.
3. Annual membership shall coincide with the calendar year and the Junior Member shall receive a complete volume of the *Annals of Mathematical Statistics* for the year in which he or she is elected.
4. Junior Membership shall be limited to a term of two years, but a Junior Member may apply for transfer to ordinary membership at the beginning of his second year.

For the convenience of any Institute member who may wish to sponsor a Junior Member an application blank is provided at the back of this issue of the *Annals*. Additional blanks may be obtained from the Secretary of the Institute.

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#### Announcement of May Meeting in New York

There will be a joint meeting between the Institute and the American Society of Mechanical Engineers on Saturday, May 29, 1943, at the Engineering Societies Building, 29 West 39th Street, N. Y.

The meeting will consist of two sessions on industrial applications of mathematical statistics. The topics are as follows:

Morning Session, 10 A.M.

Chairman: Harold Hotelling

1. J. Wolfowitz, *On the Theory of Runs with some Applications to Quality Control*.
2. Churchill Eisenhart, *On the Presentation of Data as Evidence*.

Afternoon Session, 2 P.M.

Chairman: W. A. Shewhart

1. H. F. Dodge, *A Sampling Inspection Plan for Continuous Production*.
2. L. C. Young, *Tolerances and Product Acceptability*.

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#### ANNUAL REPORT OF THE PRESIDENT OF THE INSTITUTE

Ordinarily at the business meeting and at the luncheon customarily held as part of the annual meeting of the Institute, the President has the opportunity to make public acknowledgement to those individuals, aside from the officers, who served the Institute during the year, and to have his say concerning past progress and future plans. This year it appears that the pages of the *Annals* must be used for this purpose.

As the result of proposals made and approved at our last regular annual meeting in New York City, a larger number of special committees than usual were appointed for 1942 and thus more members than before were specifically asked to participate in the affairs of the Institute. The Institute is much indebted to these individuals for the way in which they responded.

Professors A. T. Craig, Harold Hotelling, and S. S. Wilks, Chairman, constituted a committee to study the Board of Directors of the Institute and the formal connection between the Institute and its journal, *The Annals of Mathematical Statistics*. Their recommendations were incorporated in amendments to the constitution and by-laws recently approved by the Institute. The Board was increased in size and given greater continuity by including in it the two previous presidents, and the editor of the *Annals*, ex officio, and by increasing the term of the Secretary-Treasurer to three years.

The new class of junior memberships is the result of a study of this question by a committee composed of Professors J. H. Bushey, Boyd Harshbarger, and G. W. Snedecor, Chairman. Regulations, since approved by the Board, under which local chapters of the Institute may be formed, were drawn up by a committee consisting of Dr. C. F. Kossack, Professor H. D. Larsen, and Professor B. H. Camp, Chairman.

Dr. L. A. Aroian, Dr. J. F. Daly, Mr. H. F. Dodge, and Professor W. D. Baten, Chairman, as a committee agreed to assist the Institute by endeavoring to bring the *Annals of Mathematical Statistics* to the favorable attention of municipal, industrial, and college libraries which had not been subscribers to it. As a result of their fine work, a good number of domestic libraries has been added to our subscription list, thus serving to counterbalance our losses abroad.

The Program Committees for the year consisted of Professor Churchill Eisenhart and Mr. E. C. Molina, Chairman, for the September meeting in Poughkeepsie, New York, and of Professor P. S. Dwyer and Dr. W. E. Deming, chairman, for the projected Cleveland meeting. The Institute is always much indebted to those who do the work of arranging its programs for meetings, but this year we owe Dr. Deming a special acknowledgement, who prepared an excellent program for Cleveland, then one for a New York meeting under extremely short notice when the Cleveland meeting was cancelled, and then had that meeting also cancelled. Dr. W. R. Van Voorhis acted as our representative on the Committee on Local Arrangements for the meeting planned for Cleveland.

The membership committee appointed for 1942 was made up of Dr. W. E. Deming, Professor E. L. Dodd, and Professor A. T. Craig, chairman. After Professor Craig took up his commission in the Navy, Professor B. H. Camp agreed to take his place on this committee.

For some years Professor A. T. Craig has generously acted as custodian of our files of back numbers of the *Annals*. This service to the Institute has been taken over by Professor L. A. Knowler, who has been of much assistance. Dr. W. E. Blanche did a considerable amount of work in connection with finding advertisers for the *Annals*.

Our annual meetings had been increasingly successful in recent years and it was a real sacrifice for the Institute to forego the one planned for 1942. Though the war is demonstrating in still more ways and places the importance of sound statistical methods, for the present it imposes serious responsibilities on the friends of the Institute. A reading of the report of our faithful and efficient Secretary-Treasurer will amplify this statement. Of the present Board, Professors Olds, Wilks and Craig met in Pittsburgh January 23 and 24 to consider some of our problems. Though there seems no prospect of a national meeting in the coming year, it is hoped that some local meetings can be held and that in other ways we can keep up the activities of the Institute. In particular there exists the opportunity of organizing local chapters of the Institute in the larger centers which would be particularly valuable now. In industrial areas we may contribute to the war effort as well as promote an important aspect of mathematical statistics by endeavoring to be useful in the development and application of industrial statistics. It is clear that the Institute needs the loyal support of its membership now as much as ever before if it is to fulfill the functions for which it was founded.

CECIL C. CRAIG,  
*President.*

December 31, 1942.

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#### ANNUAL REPORT OF THE SECRETARY-TREASURER OF THE INSTITUTE

On September 8-9 the Institute met at Vassar College in conjunction with the American Mathematical Society and the Mathematical Association of America. Mr. E. C. Molina and Professor Churchill Eisenhart were in charge of the program. Fifty eight members of the Institute attended the meeting. The Annual Meeting, originally scheduled for Cleveland then transferred to New York City, was finally postponed at the request of the Office of Defense Transportation. At the present time it seems that this meeting will have to be abandoned entirely and the Institute must be content with holding local meetings in some of the larger cities.

Because of the postponement of the Annual Meeting, the annual election was held by mail. The following officers were elected: Professor Cecil C. Craig, President; Professors Edward L. Dodd and Abraham Wald, Vice-Presidents; and Professor Edwin G. Olds, Secretary-Treasurer. Nine amendments to the Constitution and six amendments to the By-Laws were proposed and accepted by a two-thirds majority of those voting. Professor K. L. Fethers acted as teller.

During the past year the Secretary has cooperated with industrial concerns and government agencies in locating statistically trained personnel to fill positions created by the emergency. Members of the Institute are requested to keep the Secretary informed regarding the availability of such personnel.

The death of one member of the Institute has been reported since the last