

## NEWS AND NOTICES

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

### Personal Items

Associate Professor H. P. Evans of the Mathematics Department of the University of Wisconsin has been promoted to a professorship.

Assistant Professor Willy Feller of the Mathematics Department of Brown University has been promoted to an associate professorship.

Dr. Carl F. Kossack of the Mathematics Department of the University of Oregon has been promoted to an assistant professorship.

Dr. Eugene Lukacs has been appointed to an assistant professorship in the Mathematics Department of Illinois College.

Professor E. B. Mode has been made chairman of the Mathematics Department of Boston University.

Mr. Charles R. Mummery has been made Product Quality Engineer at the Scioto Ordinance Plant of the U. S. Rubber Company.

Professor H. L. Rietz has retired after twenty-five years of service as Head of the Mathematics Department of the University of Iowa.

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The Foundation for the Study of Cycles has announced that a medal will be awarded to the individual making the most significant contribution to cycle research during 1943. Communications should be addressed to: Professor Ellsworth Huntington, Yale University, New Haven, Connecticut.

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### Obituary

Professor Edward L. Dodd of the Mathematics Department of the University of Texas died on January 9, 1943 at the age of sixty-seven years. He was a charter member of the Institute. He was elected as one of the Vice-Presidents of the Institute for 1943. His contributions to mathematical statistics consist of numerous research papers on probability; on general mean functions of statistical variables; and on statistical theory of periodicities.

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### Stanford Courses in Statistical Methods of Quality Control

A novel procedure in adult education, and particularly in statistical education, took place last summer at Stanford University, when courses in the Shewhart statistical methods of quality control were offered in short intensive courses. There were two courses, one on the campus at Stanford University, July 17-26, and the other in Los Angeles, September 20-27. The first course covered ten full days, and the second eight. Both courses ran eight hours per day, **Saturdays and Sundays** included.

The features of the course may be described by the following points:

1. The courses were short, thus making it possible for men in industry to attend.
2. The number of hours' instruction was sufficient to cover the field adequately.
3. The instruction covered a wide range of points of view.
4. The students were picked delegates sent by industry.
5. The courses are being followed up with monthly meetings in Los Angeles and San Francisco.

Intensive courses of this character were first suggested by Dr. W. Edwards Deming in April of 1942, while he was temporarily detailed to the office of the Chief of Ordnance in the War Department, and the first course actually commenced just three months later. By giving the course to men already in industry, the yield obtained was manyfold higher than can be expected from a regular college course. Contributions and reports made by the delegates subsequent to the courses supply abundant foundation for this statement.

West Coast industry and the Army and Navy ordnance districts sent 32 delegates to the West Coast, and 31 to the second. Through the efforts of Professor Eugene Grant of Stanford, industry and the Army and Navy were persuaded to send some of their most valued officials. The instruction was organized by Professor Holbrook Working. Both he and Professor Grant took an active part in the instruction, which was supplemented in both courses by Dr. W. Edwards Deming as an exponent of government and industrial sampling. In the first course, Mr. Charles R. Mummery of the Hoover Company served as an instructor from the viewpoint of industry. In the second course (the one in Los Angeles), Mr. Ralph E. Wareham of the General Electric Company occupied the industrial corner of the square of instruction. The expense of the instructors was paid out of ESMWT funds (Office of Education). Monthly follow-up courses in San Francisco and Los Angeles, under the direction of Professors Working and Grant, supply the necessary power for maintaining momentum, and for gathering the men together for directed study and consultation.

The demand for men trained in this line far exceeds the supply, and there are movements afoot to provide similar courses in a number of industrial cities. Three-day courses in a dozen or more key ordnance cities were held last fall by the Ordnance Department. The lecturers were Messrs. G. D. Edwards and Harold F. Dodge of the Bell Telephone Laboratories, and Mr. G. Rupert Gause of the Aberdeen Proving Ground, now with the Army Ordnance in Washington. These courses and the Stanford courses alleviated the situation considerably, but further instruction is needed.

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### **Junior Membership in the Institute**

At the annual election for 1942 which was held by mail ballot because of the postponement of the Annual Meeting, constitutional amendments were approved which created a new grade of membership in the Institute, known as Junior

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.