

## Society Proceedings

### Chicago Association of Orthodontists

The regular meeting of the Chicago Association of Orthodontists was held on November 24, 1941, at the Palmer House. Dr. John C. Heisler presented a paper on "The Hamular Spines as an Aid in Orthodontic Diagnosis." A discussion by Dr. Abraham Goldstein followed. At the business session a vote was taken on the proposed change in the Constitution.

HOWARD E. STRANGE, *Secretary*

The January meeting of the Chicago Association of Orthodontists was held on January 26, 1942, at the Palmer House. Case reports were presented by Drs. Ernest Myer and Leland R. Johnson. Table clinics were led by Drs. William A. Murray, Howard J. Buchner, Richard A. Smith and G. Hewitt Williams.

HOWARD E. STRANGE, *Secretary*

## Announcements

### Prize Essay Contest

The Research Committee of the American Association of Orthodontists has been empowered by the Board of Directors to conduct a prize essay contest. The prize has been set at \$200.00 and will be offered annually until further notice. The terms of the competition are as follows:

#### *Eligibility*

Any student enrolled in a recognized university, or any person who has completed his or her formal education in orthodontia not more than three years prior to January 1, 1943, is eligible to compete for the prize.

#### *Essay*

The essay must represent a piece of original research having a direct bearing on the field of orthodontia. It may relate either to a biological or clinical problem and may represent material that has been offered in partial fulfillment of the requirements of a graduate or post-graduate degree, or any graduate, post-graduate or undergraduate contest. No previously published essay will be accepted. All essays must be in the hands of the committee by January 31, 1943. If no essay is deemed worthy by the committee, the prize will be withheld.

#### *Award*

The prize-winning essay will be accorded a place on the scientific program of the annual meeting of the association, at which time the prize will be awarded. The association will retain publication rights on the first three choices.

For further information, address

ALLAN G. BRODIE, *Chairman*  
Research Committee, A.A.O.  
30 North Michigan Avenue  
Chicago, Illinois.

### Physical Properties of Dental Materials

For the first time a complete summary of the more than one hundred reports on research conducted in the dental laboratory at the National Bureau of Standards during the last twenty-two years has been compiled by the bureau staff in co-operation with the Research Commission of the American Dental Association. This publication, designated Circular C-433, has just been issued.

The summary covers restorative and accessory materials such as amalgam, gold alloys, denture base resins, cements, investments and impression materials. Details of test methods, many of which were developed at the bureau, including illustrations and descriptions of testing equipment, will

be found of particular value to dental schools and research laboratories. The specifications of the Federal Government and of the association are included in the book.

The active co-operation of the American Dental Association made possible the extension of the data accumulated at the bureau to show more clearly their dental significance. In the circular, the data are quite often discussed under two headings, namely theoretical significance and technical applications. The small amount of repetition necessary for this dual treatment may be excused since it makes possible the addressing of two groups of reader interests in one publication. Furthermore, the combining of these two phases of the research gives greater clarity and unification to what otherwise might appear to be masses of data on unrelated materials.

The dentist will find explanations for some of the many problems, which confront him daily, such as excessive expansion (or shrinkage) of amalgam, shrinkage of gold inlays, solubility of cements, etc. He will find technics suggested which will eliminate or reduce these difficulties.

For students at dental schools, the book will be excellent as a text or as necessary reference material. Libraries, not having all of the individual publications, will find this volume the answer to their unsuccessful attempts to secure complete sets of the reports.

The publication appears under the joint authorship of Wilmer Souder, Ph.D., principal physicist of the National Bureau of Standards, and George C. Paffenbarger, D.D.S., research associate of the American Dental Association. The price is 75 cents. Copies are obtainable from the:

Superintendent of Documents  
Government Printing Office  
Washington, D.C.

### Research Section, American Association of Orthodontists

At the present time there is no opportunity afforded men interested in orthodontic research to meet together and discuss their problems. At the last meeting of the American Association of Orthodontists it was proposed that the Research Committee be empowered to arrange a portion of the program for the next annual meeting.

The program will consume one-half day and will be restricted to ten or fifteen minute reports by men actively engaged in research in orthodontia, or in its allied fields. Time will be allowed for discussion of all presentations, in order that the greatest benefit may accrue to those participating. All institutions and all individuals are invited to request time.

For further information, or time reservations on the program, address communication to

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