

# JOURNAL OF THE AMERICAN COLLEGE OF DENTISTS

Vol. 10 . . . . . MARCH, 1943 . . . . . No. 1

## Contents

|  |    |
|--|----|
| Are Universities on the Way Out? <i>Robert Gordon Sproul, B.S., LL.D., Litt. D.</i> . . . .  | 1  |
| Amelogenesis. <i>Balint Orban, M.D., D.D.S., Harry Sicher, M.D., and Joseph P. Weinmann, M.D.</i> . . . . .  | 13 |
| The Determination of Particle Sizes in Dentifrice Powders. <i>Maurice L. Tainter, M.D., Sidney Epstein, D.D.S., and Alexander Klein, M.S.</i> . . . . .  | 23 |
| Problems in Prosthetic Dentistry. <i>Walter J. Pryor, D.D.S.</i> . . . . .   | 48 |
| "It Is Up to Us." <i>Wendell D. Postle, D.D.S.</i> . . . . .   | 52 |
| The War and Dentistry. <i>Geo. W. Wilson, B.S., D.D.S.</i> . . . . .   | 55 |
| A Brief History of the William J. Gies Endowment Fund Committee for the Journal of Dental Research. <i>C. Fred GaNun, D.D.S.</i> . . . . .   | 59 |
| American Association for the Advancement of Science: Proceedings of the Subsection on Dentistry: Eighth Annual Meeting (postponed), New York, N. Y., Dec. 28, 1942. <i>Paul C. Kitchin, M.Sc., D.D.S., Secretary of the Subsection</i> . . . . . | 62 |
| Editorials:  |    |
| To Win or Not to Win . . . . .   | 76 |
| A Little Matter of Percentages . . . . .   | 77 |
| Professional Spirit . . . . .  | 78 |
| Fluorine and Dental Health . . . . .   | 79 |
| "You've Got to Go by What They Do" . . . . .   | 80 |
| Rear Admiral in the Navy, D. C. . . . .  | 80 |
| Correspondence and Comment:  |    |
| Was John Harris "The Founder of American Dental Education?" (Continued)  |    |
| I. Are the Claims Relative to John Harris and Bainbridge, Ohio, in Priority of Dental Education, Dubious? <i>Edward C. Mills, D.D.S.</i> . . . . .   | 81 |
| II. Was John Harris at Transylvania University During 1836? <i>B. W. Weinberger, D.D.S.</i> . . . . .  | 88 |
| Notes:   |    |
| Dental Rank in the Navy . . . . .  | 92 |
| "Smile of Beauty" and "Pink Toothbrush" No Longer Toothpaste Slogans . . . . .   | 93 |
| Another Verdict . . . . .  | 94 |
| Book Announcements . . . . .   | 96 |

Published quarterly at 99 South Van Ness Avenue, San Francisco, California

By THE AMERICAN COLLEGE OF DENTISTS

Office of Publication: 350 Post Street, San Francisco, California

Subscription Price: \$2.00 per Volume

Entered as Second Class Matter July 13, 1940, at the Post Office  
at San Francisco under the Act of March 3, 1879

Copyright, 1943, by the American College of Dentists  
*Made in United States of America*

## AMERICAN COLLEGE OF DENTISTS

*Convocations* have been held on this schedule (since organization in *Boston*, Aug. 20 and 22, '20): (1) *Chicago*, Jan. 26, '21; (2) *Milwaukee*, Aug. 13 and 18, '21; (3) *Montreal* Jan. 25, '22; (4) *Los Angeles*, July 16 and 19, '22; (5) *Omaha*, Jan. 23, '23; (6) *Cleveland*, Sep. 12, '23; (7) *Chicago*, Mar. 5, '24; (8) *Dallas*, Nov. 12, '24; (9) *Louisville*, Sep. 22, '25; (10) *Philadelphia*, Aug. 22, '26; (11) *Chicago*, Jan. 26, '27; (12) *Detroit*, Oct. 23, '27; (13) *Minneapolis*, Aug. 19, '28; (14) *Chicago*, Mar. 24, '29; (15) *Washington, D. C.*, Oct. 6, '29; (16) *Denver*, July 20, '30; (17) *Memphis*, Oct. 18, '31; (18) *Buffalo*, Sep. 11, '32; (19) *Chicago*, Aug. 6, '33; (20) *St. Paul*, Aug. 5, '34; (21) *New Orleans*, Nov. 3, '35; (22) *San Francisco*, July 12, '36; (23) *Atlantic City*, July 11, '37; (24) *St. Louis*, Oct. 23, '38; (25) *Milwaukee*, July 16, '39; (26) *Baltimore*, March 17, '40; (27) *Cleveland*, Sep. 8, '40; (28) *Houston*, Oct. 26, '41; (29) *Boston*, Aug. 23, '42, cancelled; Regents met in *St. Louis*, Aug. 27-28, '42. [Next Convocation to be announced.]

*Sections and dates of meetings in College year of 1942-43 (between convocations):*—(1) *Kentucky*: Sep. 14, '42. (2) *Northern California*: Sep. 17, '42. (3) *Maryland*: Sep. 18, '42. (4) *New York City*: Sep. 18, Dec. 6, '42; Feb. 19, May 21, '43. (5) *Minnesota*: Sep. 19, Dec. 9, '42; Feb. 19, May 5, '43. (6) *New England*: Sep. 17, '42. (7) *Wisconsin*: Sep. 16, '42; Mar. 21, '43. (8) *Colorado*: Sep. 14, '42. (9) *Pittsburgh*: Sep. 16, '42. (10) *Iowa*: Sep. 20, '42; May 4, '43. (11) *Illinois*: Sep. 16, Nov. 30, Dec. 18, '42; Feb. 21, '43. (12) *St. Louis*: Sep. 15, '42. (13) *Oregon*: Sep. 19, Dec. 19, '42; Feb. 6, Mar. 13, June 12, '43. (14) *Texas*: Sep. 19, '42. (15) *Florida*: Sep. 19, Nov. 10, '42. (16) *Indiana*: Sep. 17, '42. (17) *Southwestern*: Sep. 16, '42. (18) *Washington (D.C.)*: Sep. 17, '42; Jan. 19, '43. (19) *New Jersey*: Sep. 18, Oct. 30, '42; Jan. 14, Apr. 27, June 3, '43. [Revised as of March 11, 1943.]

*Objects*: The American College of Dentists "was established to promote the ideals of the dental profession; to advance the standards and efficiency of dentistry; to stimulate graduate study and effort by dentists; to confer Fellowship in recognition of meritorious achievement, especially in dental science, art, education and literature; and to improve public understanding and appreciation of oral health-service."—*Constitution, Article I.*

*Classes of members* (each member receives the title of Fellow—"F.A.C.D."): (1) "The active members consist of dentists and others who have made notable contributions to dentistry, or who have done graduate, scientific, literary, or educational work approved by the College." (2) "Any person who, through eminent service, has promoted the advancement of dentistry, or furthered its public appreciation, may be elected to *honorary membership*."—*Constitution, Article II.*

*Forfeiture of membership*: "Membership in the College shall be automatically forfeited by members who (a) give courses of instruction in dentistry, for *remuneration*, under any condition other than those of an appointed teacher serving publicly under the auspices of a dental school, dental society, hospital, or other accredited professional or educational agency; or (b) give courses of instruction in dentistry in a privately owned undergraduate or postgraduate dental school; or in a school that is associated with an independent hospital or dispensary but is not an organic part of it; or (c) exact exorbitant fees for courses of instruction in dentistry under any auspices." . . . —*Constitution, Article II.*

### JOURNAL OF THE AMERICAN COLLEGE OF DENTISTS

BOARD OF EDITORS (1942-1943)

#### Officers of the College and Regents ex-officio

*President*: J. Cannon Black, Chicago

*President-elect*: H. C. Fixott, Portland

*Vice-President*: E. A. Charbonnel, Providence

*Secretary*: Otto W. Brandhorst, St. Louis

*Treasurer*: Harold S. Smith, Chicago

*Assistant Secretary*: William J. Gies, New York

#### Elective Regents of the College

WALTER H. WRIGHT (47), Pittsburgh

W. N. HODGKIN (45), Warrenton

F. W. HINDS (46), Dallas

WM. F. LASBY (44), Minneapolis

E. G. SLOMAN (43), San Francisco

*Editor*: JOHN E. GURLEY, San Francisco

*Associate Editor*: GEO. W. WILSON, Milwaukee

*Assistant Editor*: GEO. C. PAFFENBARGER, Washington (D. C.)

#### Contributing Editors

ALBERT L. MIDGLEY (47), Providence

W. HARRY ARCHER, JR. (47), Pittsburgh

WALTER J. PRYOR (46), Cleveland

PAUL H. JESERICH (46), Ann Arbor

WILLIAM J. GIES (45), New York, *Chm.*

L. E. BLAUCH (45), Washington (D. C.)

WENDELL D. POSTLE (44), Columbus

CHARLES F. HARPER (44), Jersey City

SIDNEY L. TIBLIER (43), New Orleans

WALTER HYDE (43), Minneapolis