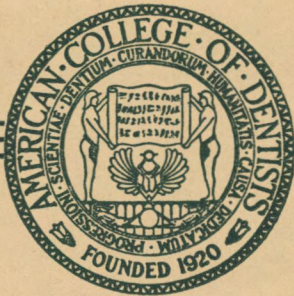


JOURNAL

American College of Dentists



VOLUME 20

NUMBER 1

March 1953

PUBLISHED QUARTERLY FOR GENERAL CIRCULATION
By
THE AMERICAN COLLEGE OF DENTISTS

\$3.00 A YEAR • 75 CENTS A COPY

JOURNAL

American College of Dentists

Presents the proceedings of the American College of Dentists and such additional papers and comment from responsible sources as may be useful for the promotion of oral health-service and the advancement of the dental profession. The Journal disclaims responsibility, however, for opinions expressed by authors.

Published Four Times a Year—March, June, September, December

Entered as Second Class Matter September 3, 1948 at the Post Office at Baltimore, Maryland under the Act of March 3, 1879
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THE WAVERLY PRESS, INC., BALTIMORE, MD., U.S.A.

Address of the Editor:

John E. Gurley, D.D.S. 350 Post Street, San Francisco, 8, Calif.

Entered in the Index To Dental Periodic Literature.

American College of Dentists

Objects: The American College of Dentists "was established to promote the ideals of the dental profession; to advance the standards of 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.*

Announcements

Next Meeting, Board of Regents: Chicago, Feb. 8, 1953.

Next Convocation: Cleveland, (date to be announced).

Fellowships and awards in dental research. The American College of Dentists, at its annual meeting in 1937 [*J. Am. Col. Den.*, 4, 100; Sept. and 256, Dec., 1937] inaugurated plans to promote research in dentistry. These plans include grants of funds (The William John Gies Fellowships) to applicants, in support of projected investigations; and also the formal recognition, through annual awards (The William John Gies Awards), of distinguished achievement in dental research. A standing committee of the International Association for Dental Research will actively cooperate with the College in the furtherance of these plans. Application for grants in aid of projected researches, and requests for information, may be sent to the Chairman of the Committee on Dental Research of the American College of Dentists, Dr. Albert L. Midgley, 1108 Union Trust Bldg., Providence, R. I. [See "The Gies Dental Research Fellowships and Awards for Achievement in Research," *J. Am. Col. Den.*, 5, 115; 1938, Sept.]

JOURNAL

American College of Dentists



Published Quarterly for General Circulation by
THE AMERICAN COLLEGE OF DENTISTS

VOLUME 20

NUMBER 1

JOURNAL

American College of Dentists

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*“Start nothing unless the end is well
figured out.”*

Confucius

EDITORIAL

CHANGE: PRINCIPLE OR APPROACH

The story is told of a man who slipped on a piece of ice and broke his leg. In the hours immediately following he suffered no little pain, but that was not so hard to bear as the disappointment which was his. He was needed at a committee meeting; the Board of Directors of which he was chairman was to meet; and in the evening of the same day he was scheduled for an important address.

In his half-dazed condition an angel appeared and asked regarding his difficulty, listened attentively and then replied: "It is well that you did not attend the committee meeting for had you been there your disappointment would have been greater, either you would have been hurt or all would have been hurt because other action than you desired had to be taken. Similarly regarding the Board of Directors' meeting, they wanted a younger man and had you been present it would have been difficult; and as to the address, it is well again that your effort was spared for you were on the wrong side."

In each case it is noted that the principle must go on and it is going on unchanged but the approach (including the personal) has changed and approach does change regularly. So it is in dentistry. In general the principle has not changed. There were always three phases of practice at least; to be considered, all of which alleviate or tend to alleviate the suffering of the individual. Discomfort must always be reduced or allayed. There is the *cure* or *repair* approach, which is Number 1. This is the type of treatment people have always needed and will always need. The second phase may be designated *control* for in this we endeavor as a mutual effort between dentist and patient to maintain at least a *status quo* and with careful attention to keep that constantly. Finally we come to the third approach that of *prevention* in which, by interesting not only the public as a patient but the public and the profession as the public in taking certain procedures may prevent much of the suffering to which that same public is heir. This means not only better attention to food and nutrition, hygiene, both personal and dental and even better care in the matter of restorations, but it means that al-

together we are doing those things which make for the best interest of the community. This involves the three different approaches to the treatment of peoples' troubles.

It is often interesting to note in papers prepared by operators and teachers of the technical or especially prosthetic field of practice or department of teaching, that the same old complaint continues to be handed down—it is that of taking time from the teaching of technics for the teaching of science. Criticism similar to this appears in religious literature. Religious educators have a similar battle among themselves and among students concerning the principle, or theory or philosophy or whatever you may choose to call it on the one hand, and the living, whether you call it practical, realistic, or technical on the other. This all resolves itself into the answer to one question namely, shall we be objective or subjective in our thinking? If we are objective in our thinking then we must understand the principle and all of its ramifications so we can apply it in all of its ramifications. Whereas if we are subjective we are looking only for the immediate benefit in one way or another to ourselves. Knowing then that the principle involves the objective whereas the technical involves more particularly the subjective, and our aim, whether as teachers or students is to bring about a better balance between these two, teachers in all fields including prosthetics should know what to do and then do it.

One may be reminded of the story told of the man who in a moment of emotion followed the scriptural injunction to cast his bread upon the waters. This is objective thinking. But, some one said "every time he does it comes back with jelly on it." Well the return with jelly on it may be subjective in so far as benefit to that one is concerned, yet it is objective from the standpoint of that same individual, for it should be assumed that his chief interest and desire must lie in the principle which is objective.

So you teachers of dental prosthetics, can you not see the position you must take? This balance between the scientific and the technical must be struck. You will be doing the greater good by yielding the time for teaching a basic understanding to the greater number. We will always need good, yes better prosthodontists, but perhaps, less of them. Find your way and your time for better teaching to a lesser number. This spells progress in the dental educational field, which in the half-century just ended has been so great.

AMERICAN COLLEGE OF DENTISTS

SOCIAL SECURITY OPINION POLL¹

WILLARD C. FLEMING, D.D.S.²

San Francisco

The American Dental Association began a nationwide study to determine the attitude of the profession toward the inclusion of dentists in the benefits under Old Age and Survivors Insurance. It was felt that a poll of the membership of the American College of Dentists might be helpful. This group represents an older age group as well as a group which has demonstrated a long standing interest in the affairs of the profession and in the relationship of dentistry to other groups.

A postcard questionnaire with an accompanying letter was mailed to the membership. A minimum amount of information was requested: name, age, state in which they practiced, and whether they favored or did not favor the inclusion of dentists in Old Age and Survivors Insurance. A place was provided for those who had not formed an opinion.

Following is a brief summary obtained from the more detailed information included in the subsequent tables in this report:

1803 questionnaires mailed
1087 replies
498 favor inclusion
521 opposed
68 no opinion

It appears that the membership of the College is about equally divided, as was the profession generally last year when it was decided to spend this year, 1952, in further study of the problem.

The returns were classified according to regions with the following results. The five Canadian replies were not included.

New England

For.....	41
Against.....	23
No Opinion.....	4

¹ This survey was made during Dr. Fleming's term as President of the College, 1952.

² Dean, College of Dentistry, University of California and Assistant Editor, this Journal.

<i>Middle East</i>	
For.....	148
Against.....	104
No Opinion.....	17
<i>South East</i>	
For.....	59
Against.....	87
No Opinion.....	9
<i>South West</i>	
For.....	17
Against.....	58
No Opinion.....	3
<i>Central</i>	
For.....	146
Against.....	136
No Opinion.....	12
<i>North West</i>	
For.....	23
Against.....	27
No Opinion.....	4
<i>Far West</i>	
For.....	59
Against.....	75
No Opinion.....	11
<i>Service (Army, Navy, etc.)</i>	
For.....	5
Against.....	11
No Opinion.....	8

In general, the replies indicate a strong leaning toward the inclusion of dentists in Old Age and Survivors Insurance in the North East and Middle East. In the South West and Far West about an equal percentage opposes this move. Roughly, the other areas appear to be about equally divided.

It is interesting that in the North East the relatively heavy return favoring the inclusion of dentists in Old Age and Survivors Insurance is brought about by the votes of the members from Massachusetts (28-6). Similarly, in the Middle East it is the votes of the members from Maryland and Pennsylvania which place this section in favor of the move. On the other hand, Texas in the South West accounts for the heavy vote opposing the move in that section. Also of interest is the vote of the service with a two to one vote opposing, and the highest percentage of "No Opinion."

The classification according to age shows that the majority under the age of 70 do not favor this move. The majority over the age of 70 favor inclusion.

This material has been turned over to the American Dental Association where it is hoped that it will be of material assistance in their current study of this problem.

TABLE I
General Information

1803 questionnaires were sent; 1092 replies were received, 5 of which were from Canada and have not been included in the statistics.

Replies were received from every state except Idaho and Nevada. The three states (California, New York, Texas) with the highest number of returns showed more "No" than "Yes" votes; however, the next three states from the point of number of returns (Minnesota, Pennsylvania, Illinois) showed more "Yes" than "No" votes.

	NEW ENG- LAND	MIDDLE EAST	SOUTH- EAST	SOUTH- WEST	CENTRAL	NORTH- WEST	FAR WEST	SERVICE	TOTAL
Yes									
Under 50.....	4	29	16	3	23	2	12	4	93
50-59.....	16	68	20	4	54	6	30	1	199
60-69.....	14	39	13	5	45	12	9	—	137
70 & over.....	6	12	9	5	23	3	8	—	66
No age.....	1	—	1	—	1	—	—	—	3
Total.....	41	148	59	17	146	23	59	5	498
No									
Under 50.....	3	30	22	23	27	5	12	7	129
50-59.....	13	50	34	22	53	15	39	3	229
60-69.....	3	20	19	9	33	3	16	1	104
70 & over.....	3	4	10	4	22	3	7	—	53
No age.....	1	—	2	—	1	1	1	—	6
Total.....	23	104	87	58	136	27	75	11	521
No opinion									
Under 50.....	—	6	1	1	—	1	1	5	15
50-59.....	2	6	3	2	4	—	6	1	24
60-69.....	2	2	3	—	4	2	2	2	17
70 & over.....	—	1	2	—	2	1	2	—	8
No age.....	—	2	—	—	2	—	—	—	4
Total.....	4	17	9	3	12	4	11	8	68
Totals.....	68	269	155	78	294	54	145	24	1087

TABLE II A. *Summary According to Age*

	YES		NO		NO OPINION		TOTAL
	Number	%	Number	%	Number	%	
Under 50.....	93	39	129	55	15	6	237
50-59.....	199	44	229	51	24	5	452
60-69.....	137	53	104	40	17	7	258
70 & over.....	66	52	53	42	8	6	127
No age.....	3		6		4		13
Totals.....	498	46	521	48	68	6	1087

TABLE II B. *Summary According to Area*

	YES		NO		NO OPINION		TOTAL
	Number	%	Number	%	Number	%	
New England.....	41	60	23	34	4	6	68
Middle East.....	148	55	104	39	17	6	269
Southeast.....	59	38	87	56	9	6	155
Southwest.....	17	22	58	74	3	4	78
Central.....	146	50	136	46	12	4	294
Northwest.....	23	43	27	50	4	7	54
Far West.....	59	41	75	52	11	7	145
Service.....	5	21	11	46	8	33	24
Totals.....	498	46	521	48	68	6	1087

TABLE III

	YES	NO	NO OPINION	TOTAL
New England				
Connecticut.....	2	5	1	8
Maine.....	2	5	1	8
Massachusetts.....	28	6	1	35
N. Hampshire.....	2	—	—	2
Rhode Island.....	7	4	—	11
Vermont.....	—	3	1	4
Total.....	41	23	4	68
Middle East				
Delaware.....	5	—	1	6
Dist. Col.....	13	12	4	29
Maryland.....	23	7	6	36
New Jersey.....	12	16	—	28
New York.....	51	56	3	110
Pennsylvania.....	38	13	2	53
West Virginia.....	6	—	1	7
Total.....	148	104	17	269
Southeast				
Alabama.....	4	1	—	5
Arkansas.....	3	7	1	11
Florida.....	11	9	—	20
Georgia.....	5	13	—	18
Kentucky.....	8	10	—	18
Louisiana.....	3	12	—	15
Mississippi.....	—	3	2	5
N. Carolina.....	10	7	4	21
S. Carolina.....	1	3	—	4
Tennessee.....	8	11	—	19
Virginia.....	6	11	2	19
Total.....	59	87	9	155
Southwest				
Arizona.....	—	5	—	5
New Mexico.....	2	—	—	2
Oklahoma.....	—	2	—	2
Texas.....	15	51	3	69
Total.....	17	58	3	78

TABLE III—*Continued*

	YES	NO	NO OPINION	TOTAL
Central				
Illinois.....	27	17	1	45
Indiana.....	7	14	1	22
Iowa.....	8	8	1	17
Michigan.....	19	16	3	38
Minnesota.....	34	26	3	63
Missouri.....	23	18	2	43
Ohio.....	14	23	1	38
Wisconsin.....	14	14	—	28
Total.....	146	136	12	294
Northwest				
Colorado.....	5	10	—	15
Idaho.....	—	—	—	—
Kansas.....	1	2	1	4
Montana.....	3	5	—	8
Nebraska.....	8	4	3	15
North Dakota.....	2	4	—	6
South Dakota.....	1	—	—	1
Utah.....	2	2	—	4
Wyoming.....	1	—	—	1
Total.....	23	27	4	54
Far West				
California.....	45	56	10	111
Nevada.....	—	—	—	—
Oregon.....	8	12	1	21
Washington.....	6	7	—	13
Total.....	59	75	11	145
Service.....	5	11	8	24

Supplementary Data^a

	NEW ENGLAND	MIDDLE EAST	SOUTH- EAST	SOUTH- WEST	CENTRAL	NORTH- WEST	FAR WEST	TOTALS
Yes								
Under 50.....					2	3		5
50-59.....	1	5	1		2			9
60-69.....		2	1		2	1	1	7
70 & over.....		1			1			2
No Age.....						1	1	2
Total.....	1	8	2		7	5	2	25
No								
Under 50.....	1	5			2			8
50-59.....	2	4	4	1	4		3	18
60-69.....		1				1		2
70 & over.....								
No Age.....								
Total.....	3	10	4	1	6	1	3	28
No opinion								
Under 50.....								
50-59.....		1						1
60-69.....		1			2			3
70 & over.....								
No Age.....								
Total.....		2			2			4
Totals.....	4	20	6	1	15	6	5	57

^a The following data were received after the preceding tables were compiled.

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE¹

GEO. C. PAFFENBARGER, D.D.S.,² Washington

One of the broad objects of the American Association for the Advancement of Science (hereinafter designated AAAS) is to promote intercourse between those who are culturing the various sciences in different parts of the United States. Consequently, the structure of the AAAS reflects this objective as witnessed by the 237 affiliated and associated societies which represent almost all of the sciences and professions. Dentistry is represented in this group by the American College of Dentists and the International Association for Dental Research as affiliated societies, and the American Association of Dental Schools and the American Dental Association as associated societies.

An idea of the extent to which dentistry participates in the AAAS is perhaps, reflected in the following table of memberships by sections.

AAAS MEMBERSHIP BY SECTIONS
(as of May, 1952)

	<i>Section</i>	<i>Number of Members</i>
Nm	Medicine	11,944
C	Chemistry	10,155
F	Zoological Sciences	4,831
B	Physics	3,010
M	Engineering	2,908
G	Botanical Sciences	2,504
I	Psychology	2,251
E	Geology and Geography	1,961
O	Agriculture	1,408
A	Mathematics	1,055
K	Social and Economic Sciences	851
Q	Education	671
	No section	608
Nd	Dentistry	541
Np	Pharmacy	524
H	Anthropology	429

¹ December 26-31, 1952 at St. Louis, Missouri.

² Senior Research Associate, American Dental Association Research Fellowship, National Bureau of Standards. Member of the council of the AAAS from the American College of Dentists.

D	Astronomy	320
L	History and Philosophy of Science	314
P	Industrial Science	136 ^a
X	Science in General	26

The specific scientific program of Subsection Nd-Dentistry follows:

N2—SUBSECTION ND—DENTISTRY

Secretary, The Secretary of the Subsection, Russell W. Bunting, University of Michigan School of Dentistry, Ann Arbor, Michigan.

Program of Subsection Nd

Local Chairman, Nicholas G. Grand, Saint Louis University.

Saturday Morning, Dec. 27

9:00 a.m.; Room B, Kiel Auditorium; Symposium: The Chemistry of Saliva, Arranged by F. J. McClure and Isadore Zipkin, National Institute of Dental Research. Isadore Zipkin, Presiding.

1. Introductory Remarks. Isadore Zipkin.
2. Factors Altering the Inorganic Composition of Saliva. J. H. Wills, Army Chemical Center, Maryland. (Lantern, 20 min.)
3. The Relationship between Secretory Rate and the Concentrations of Calcium and Phosphorus of Dog Saliva. S. Wah Leung, School of Dentistry, University of Pittsburgh. (Lantern, 20 min.)
4. Relationship of Saliva to the Permeability and Radioisotope Uptake of Enamel. James A. Shaw and Reidar F. Sognnaes, Harvard School of Dental Medicine. (Lantern, 20 min.)
5. The Proteins and Glycoproteins of Saliva. Ward Pigman, A. Jane Reid, and David Platt, University of Alabama Dental School and Medical College. (Lantern, 20 min.)
6. The Enzymes of Whole Saliva. Vincent F. Lisanti, Tufts College Dental School. (Lantern, 20 min.)

Saturday Afternoon, Dec. 27

2:00 p.m.; Room B, Kiel Auditorium; Symposium: Scientific Contributions to the Manufacture of Restorative Dental Materials; Arranged by Floyd A. Peyton, University of Michigan School of Dentistry. Floyd A. Peyton, Presiding.

1. The Nature of Elastic Impression Materials. R. W. Phillips, Indiana University School of Dentistry. (Lantern, 30 min.)
2. Synthetic Resins for Dentistry. George C. Paffenbarger, National Bureau of Standards. (Lantern, 30 min.)
3. Gold Alloys for Dentistry. P. B. Taylor, Julius Aderer Company, Inc., New York. (Lantern, 30 min.)
4. Precision Casting Operations. Duane F. Taylor, Washington University School of Dentistry. (Lantern, 30 min.)

Saturday Evening, Dec. 27

8:00 p.m.; Missouri Room, Hotel Statler; Symposium: Engineering and Chemical Factors of Water Fluoridation, Arranged by A. P. Black, University of Florida. A. P. Black, Presiding.

^a Section P was installed December, 1951, some four months before this tabulation.

1. Engineering Aspects of Fluoridation Installations. O. J. Muegge, Wisconsin State Board of Health. (Lantern, 30 min.)
2. The Determination of Fluorides in Water. James G. Weart, Illinois Department of Public Health. (Lantern, 30 min.)
3. Some Chemical Aspects of Water Fluoridation. M. Starr Nichols, Wisconsin State Laboratory of Hygiene. (Lantern, 30 min.)

In addition there were programs cosponsored by various sections of the AAAS with many aspects of dental research. A listing of these programs follows:

Section C—Chemistry

- 9:15 a.m.; Session 2, Room 3B, Kiel Auditorium; Symposium: Chemistry and Dentistry Team Up for Progress, Part I; Program of AAAS Section 3—Chemistry, cosponsored by AAAS Subsection Nd-Dentistry, Arranged by Frances Krasnow, 405 East 72nd Street, New York, N. Y. Frances Krasnow, Presiding.
28. (9:15) Introductory Remarks. Frances Krasnow.
 29. (9:30) The Scope Entertained for Newer Knowledge. Frances Krasnow. (Lantern, 20 min.)
 30. (10:00) Local Anesthetizing Solutions in Dental Procedures. Sidney Epstein, College of Physicians and Surgeons of San Francisco, a School of Dentistry. (Lantern, 30 min.)
 31. (10:40) Dental Restorative Materials: Amalgams, Acrylics. William H. Crawford, University of Minnesota School of Dentistry. (Lantern, 3 min.)
 32. (11:15) Electrical Phenomena Associated with Metallic Dental Fillings. William Schriever, University of Oklahoma. (Lantern, 30 min.)
- 2:00 p.m.; Session 2, Room 3B, Kiel Auditorium; Symposium: Chemistry and Dentistry Team Up for Progress, Part II, Program of AAAS Section C—Chemistry, cosponsored by AAAS Subsection Nd-Dentistry, Arranged by Frances Krasnow, 405 East 72nd Street, New York, N. Y. Frances Krasnow, Presiding.
38. (2:00) Dentifrices. Donald A. Wallace, University of Illinois College of Dentistry. (Lantern, 30 min.)
 39. (2:30) Histochemistry of the Soft Dental Tissues. Gerrit Bevelander, New York University College of Dentistry. (Lantern, 30 min.)
 40. (3:00) Ammonia Production in Saliva. James J. Rae, University of Toronto. (Lantern, 30 min.)
 41. (3:30) Crystal Chemical Investigations in Relation to Teeth and Bones. Duncan McConnell, Ohio State University. (Lantern, 30 min.)
 42. (4:00) Radioactive Isotope Research in Dentistry. J. F. Volker, University of Alabama School of Dentistry. (Lantern, 30 min.)
 43. (4:30) General Discussion of Papers. Frances Krasnow.

Section M—Engineering

- 9:30 a.m.; Session 2, Clinics and Research Building, Central Institute for the Deaf; Symposium: Hearing and Speech Aids: Communication; Cooperation of Medicine and Engineering in Speech and Hearing, Part I; Joint session of AAAS Section M-Engineering, AAAS Subsection Nm-Medicine, AAAS Subsection Nd-Dentistry, and the Central Institute for the Deaf, St. Louis, Arranged by Eugene F. Murphy, Assistant Director for Research, Veterans Administration, New York, New York. Ira J. Hirsh, Central Institute for the Deaf and Washington University School of Medicine, Presiding.
1. The Central Institute for the Deaf—A Living Example of Cooperation among the Sciences.

S. Richard Silverman, Director, Central Institute for the Deaf, and Washington University. (Demonstrations. 45 min.)

2. An Engineer Works with Medical Problems. Robert W. Benson, Central Institute for the Deaf and Washington University. (Demonstrations. 30 min.)
3. Tour of Research Building and Inspection of the Research Laboratories and Clinical Facilities. Tour starts at 10:45 a.m. S. Richard Silverman, Hallowell Davis, and Robert W. Benson will conduct the group, and specialists will be available at stations to give short talks. (10:45 a.m.—12:00 noon)

Tuesday Afternoon, Concurrent Sessions 1 and 2, Dec. 30

- 2:00 p.m.; Session 1; Clinics and Research Building, Central Institute for the Deaf; Symposium: Speech and Hearing Aids; Communication; Cooperation of Medicine and Engineering in Speech and Hearing, Part II; Joint Session of AAAS Section M-Engineering, AAAS Subsection Nm-Medicine, AAAS Subsection Nd-Dentistry, and the Central Institute for the Deaf, St. Louis; Arranged by Eugene F. Murphy, Assistant Director for Research, Veterans Administration, New York, New York. S. Richard Silverman, Director, Central Institute for the Deaf and Washington University, Presiding.
1. Inter-Area Cooperation in the Cleft Palate Problem. Otto W. Brandhorst, Dean, School of Dentistry, Washington University. (30 min.)
 2. Prosthodontia in Cleft Palate. L. Woodrow O'Brien, Washington University. (30 min.)
 3. An Otologist Who Works with Psychologists. Ralph Naunton, London, England, Visiting Fellow, Central Institute for the Deaf. (30 min.)
 4. How the Hearing Aid Manufacturer Keeps Up with Science. Frederick W. Krantz, Sonotone Corporation, Elmsford, New York. (30 min.)
 5. Integrating the Disciplines. Hallowell Davis, Director of Research, Central Institute for the Deaf and Washington University. (30 min.)

Another item in the program which had special dental significance was carried out in Subsection Np—Pharmacy.

Section Np—Pharmacy

Tuesday Afternoon, Dec. 30

- 2:30 p.m.; Room 3D, Kiel Auditorium; Symposium: The Role of the U.S.P., the N.F., the N.N.R., and the A.D.R. in Developing and Maintaining Sound Drug Therapy Trends and Standards; Joint session of AAAS Subsection Np-Pharmacy, the American Pharmaceutical Association, Scientific Section, the American Society of Hospital Pharmacists, the American Association of Colleges of Pharmacy, and the American College of Apothecaries. Linwood C. Tice, Dean, Philadelphia College of Pharmacy and Science, Presiding.
- Lloyd C. Miller, Director of Revision, U. S. Pharmacopeia, New York City, Justin L. Powers, Chairman, Committee on the National Formulary, Washington, D. C., Louis C. Zopf, Dean School of Pharmacy, State University of Iowa, Robert T. Stormont, Secretary, Council on Pharmacy and Chemistry of the American Medical Association, Chicago, J. Roy Doty, Secretary, Council on Dental Therapeutics of the American Dental Association, Chicago.

Reports of research on the survival of frozen tissues was participated in by dental scientists in other sections of the AAAS.

Section F—Zoological Sciences

Monday Afternoon, Dec. 29

- 2:00 p.m.; Assembly Hall 2, Kiel Auditorium; Symposium: Survival of Frozen Tissues, Part II: Survival of Frozen Tumor Tissues; Joint Session of AAAS Section; F—Zoological Sciences and N—Medical Sciences, The Saint Louis University Institute of Biophysics, the Department of Pathology of the Saint Louis University School of Dentistry, the Missouri Division of the American Cancer Society, and the Society of General Physiologists, Arranged by Basile J. Luyet, Saint Louis University Institute of Biophysics. E. V. Cowdry, Washington University, and Jacob Furth, Oak Ridge National Laboratory, Presiding.
1. The Significance of the Researches on the Survival of Frozen Tumor Tissues for the Study of Neoplastic Growth. Basile J. Luyet, Saint Louis University.
 2. The Transplantability of Various Malignant Tumors After Freezing. William H. Bauer, Department of Pathology, Saint Louis University School of Dentistry.
 3. Effects of Protective Treatment on Frozen Tumor Tissues. A. Cecil Taylor, New York University College of Dentistry.
 4. The Transplantability of Mouse Tumors Frozen in Liquid Nitrogen After Treatment in Ethylene Glycol. Nicholas G. Grand, St. Louis University. (15 min.)
 5. Parallelism Between Transplantability, Respiratory Rate, and Cytological Condition of Frozen Mouse Sarcoma. Eugene L. Hodapp, Saint Louis University. (15 min.)
 6. On the Question of the Transplantability of Mouse Tumors After Freezing and Drying. Arthur W. Burke, Saint Louis University. (15 min.)

In the Annual Exposition of Science and Industry, dentistry was represented by the Department of Pathology and Research, Saint Louis University School of Dentistry, (W. H. Bauer, M.D.) and the U. S. Naval Dental School, Bethesda, Maryland.

Thus, it can be seen that the role of dentistry and dental research was by no means neglected in the actual program of the A.A.A.S. The program was good but the attendance was poor—a range between 10 and 40 for a majority of the sessions. This condition was discussed by Dr. Russell W. Bunting, (University of Michigan, School of Dentistry), Secretary of Subsection Nd-Dentistry, at the closing session of the Section. He would welcome any suggestions relating to improvement of the program and attendance of the 1953 meeting of the A.A.A.S. to be held in Boston, December 26–31.

AMERICAN COLLEGE OF DENTISTS
MINUTES OF MEETINGS OF THE BOARD OF REGENTS
ST. LOUIS, MO., SEPTEMBER 6 AND 8, 1952
(*Abbreviated*)

O. W. BRANDHORST, D.D.S., St. Louis, *Secretary*

FIRST SESSION

Saturday, Sept. 6, 1952, Statler Hotel. Convened at 9:00 a.m., thirteen members of the Board present. President Fleming, presiding. Minutes of previous meeting approved. Report on minutes accepted. Following reports were received and filed: Reports of Officers; President, Treasurer, Secretary, Editor and the following Regents: Timmons, Ferguson, Thom, Thomson, Pruden, Vinsant and Thielen.

President Fleming reported on the year's activities and recommended the reorganization of the committee activities. He also reported on the OASI Poll.

The Treasurer's report was as follows:

"As of September 1, 1952, the funds of the American College of Dentists on deposit with the Fauquier National Bank, Warrenton, Virginia, are represented by balances as follows:

General Fund

Bank balance of September 1, 1952.....	\$17,895.90
Less checks outstanding.....	1,536.27

Actual check book balance.....	\$16,359.63
U. S. War Savings Bonds, Series G (Maturity value).....	30,000.00

\$46,359.63

H. Edmund Friesell Endowment Fund

U. S. War Savings Bonds, Series G (Maturity Value).....	\$3,300.00
Savings account (representing accrued interest).....	297.38 3,579.38

Total.....	\$49,957.01
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The Secretary's report indicated the passing of the following Fellows since the last convocation. (See Minutes of Convocation, Sept. 7, 1952.)

Adjournment, 12:00 O'clock noon.

SECOND SESSION

This session convened at 1:15 p.m., with the same members present and President Fleming presiding.

The following committee reports were received: *Education* (committee reported that Dr. Thos. J. Zwemer of Marquette University had been selected for the Teacher's Training Fellowship); *Socio-Economics*; *Prosthetic Dental Service*; *History*; *Dental Student Recruitment* (this committee is undertaking a special study related to student recruitment); *Relations*; *Certification of Specialists* (this committee presented a model law for certification of specialists); *Cooperation*; *Journalism* (this committee presented a new classification of dental literature as follows, which was approved:

Group A. Professionally owned and professionally controlled.

Group B. Privately owned and privately controlled.

Group C. Privately owned and privately controlled.

Type 1. Subscription magazines

Type 2. Non-subscription magazines

Type 3. House Organs

a) Company use only

b) Professional distribution

Adjournment, 5:30 p.m.

THIRD SESSION

This session convened at 7:30 p.m., with the same persons present and President Fleming presiding.

New Business: Letter from Dr. A. E. Rowlett of London, England extending greetings read by Secretary. General discussion of activities of committees and Sections followed.

Adjournment at 10:00 p.m.

FOURTH SESSION (First Session of new Board)

The first session of the new Board convened at 3:30 p.m., Monday, September 8, 1952. President Pierson presiding. Ten Regents were present. President Pierson outlined some of his recommendations which were well received. He appointed a committee, consisting of Drs. J. H. Ferguson, Jr., Chairman, William N. Hodgkin, Benj. F. Thielen (and Harry S. Thomson, ex-officio) to study the requirements of the Central Office with a look to the future.

The supplemental report of the Committee on Medical-Dental Relations was received.

President Pierson appointed the following Committee on Committee activities: Kenneth C. Pruden, Chairman, Gerald D. Timmons, Robt. S. Vinsant (and Harry S. Thomson, ex-officio). This

committee was instructed to review the activities of the committees and report at the Chicago, February 1953 meeting.

New Business: The report on the Budget Committee was approved. Dr. John E. Gurley was appointed Editor for the ensuing year. Dr. Willard C. Fleming was appointed Assistant Editor for the ensuing year. Dr. Ralph L. Ireland, Lincoln, Neb. and W. McL. Davis, Orlando, Fla., were selected as Contributing Editors for a five year term each.

President Pierson was granted the privilege of making necessary committee appointments for the ensuing year.

It was voted not to hold a Counsellors' meeting in Chicago in February, 1953.

Adjournment, at 5:30 p.m.

AMERICAN COLLEGE OF DENTISTS

MINUTES OF THE CONVOCATION

ST. LOUIS, MISSOURI, SEPTEMBER 7, 1952

O. W. BRANDHORST, D.D.S., St. Louis, *Secretary*

MORNING SESSION

The 1952 Convocation was held in the Statler Hotel, on Sunday September 7, 1952. It convened at 9:00 a.m. President Fleming presiding. Minutes of previous convocation approved. Secretary's report received.

The Treasurer's report was also received. It was as follows:

"As of September 1, 1952, the funds of the American College of Dentists on deposit with the Fauquier National Bank, Warrenton, Virginia, are represented by balances as follows:

General Fund

Bank balance of September 1, 1952.....	\$17,895.90
Less checks outstanding.....	1,536.27

Actual check book balance.....	\$16,359.63
U. S. War Savings Bonds, Series G (Maturity Value).....	30,000.00

\$46,359.63

H. Edmund Friesell Endowment Fund

U. S. War Savings Bonds, Series G (Maturity value).....	\$3,300.00
Savings account (representing accrued interest).....	297.38

3,597.38

Total.....	\$49,957.01
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Vice-President Bach presided while President Fleming gave his address on "Marks of an Educated Man." He also reported on the survey on "Social Security Opinion".

The Necrology Committee reported the passing of twenty-nine persons during the past year and asked for a period of meditation in their memory.

In the absence of the Chairman of the Nominating Committee, the Secretary read the report of the Committee as follows: "The Nominating Committee Presents the following names for the several offices:

President-Elect
Vice-President

Harry S. Thomson
Alfred E. Seyler

Toronto, Canada
Detroit, Michigan

Secretary	Otto W. Brandhorst	St. Louis, Missouri
Treasurer	William N. Hodgkin	Warrenton, Virginia
Historian	William J. Gies	New York, N. Y.
Regent	E. Frank Inskipp	San Francisco, California
Regent	Wilbert Jackson	Clinton, North Carolina

Respectfully submitted,
JAMES D. O'FARRELL, *Chairman*
GEO. W. CHRISTIANSEN

The other three members of the Nominating Committee passed away during the year (Drs. Lineberger, Sloman and Wright).

It was moved, seconded and carried that the report of the committee be accepted and one ballot be cast for each of the persons named.

The following program was then presented: Report of the Committee on Preventive Service, Carl L. Sebelius, Chairman, Nashville, Tenn.

SECTION REPORTS

Activities of the Washington Section, Joseph L. Bernier, Secretary
Washington, D. C. Section

Activities of the Carolinas, Frank O. Alford, Chairman, Carolinas
Section, Charlotte, N. C.

Activities of the Michigan Section, Rene Rochon, Chairman, Michigan
Section, Detroit, Mich.

Activities of the Tri-State Section, Clarence J. Speas, Member,
Tri-State Section, Nashville, Tenn.

Activities of the New York Section, Ralph J. Bowman, Member,
New York Section, New York, N. Y.

Adjournment, 11:45 a.m.

LUNCHEON SESSION

The luncheon session was held at the DeSoto Hotel. 325 were served. This was under the auspices of the St. Louis Section, Dr. Cecil C. Connelly presided. Following the luncheon, Dr. Clement S. Mihanovich, A.M., Ph.D. Professor of Sociology and Director of the Department of Sociology, St. Louis University, St. Louis, Mo., spoke on "Freedom or Security", which was enthusiastically received.

Adjournment, at 2:30 p.m.

AFTERNOON SESSION

The afternoon session convened at 3:00 o'clock. President Fleming presiding. Dr. Harold Hillenbrand, Secretary of the American Dental Association spoke on "Trends in Our Way of Life and the Possible Influence on the Dental Profession."

Fellowship was conferred upon the following persons:

Edward F. Allen
 Harold F. Anderson
 Claude Rowe Baker
 A. Raymond Baralt, Jr.
 Lloyd M. Barger
 William Laird Barnum
 Douglas M. Beebe
 Herman F. Bernstein
 Jack Phillips Beukema
 Kenneth A. Bignell
 Mitchell J. Bilafer
 Frank Farnell Bliss
 Joseph Fremont Burket
 Louis R. Burman
 Timon J. Burnham
 Jack B. Caldwell
 Charles Clarence Chumley
 Donald A. Closson
 Bernard Clug
 Louis Alexander Cohn
 Egbert W. Cowan
 Harry M. Crawford
 Owen Louis Croft
 Charles Peter Crowe
 Thomas Reynolds Cullen
 Allen Riley Cutler
 Van B. Dalton
 George Crompton Darts
 William Harold Day
 James J. Dempsey
 Harry Elton Denen
 Victor H. Dietz
 Edward Robert Doughty
 Arlo Mathias Dunn
 Larry J. Dupuy
 Charles D. East
 Robert F. Eastman
 Hugh McDonald Eaton
 Frank G. Everett
 Joseph Elwyn Ewing
 Bernard Herbert Faubion

St. Louis, Mo.
 Fresno, Calif.
 Chapel Hill, N. C.
 Chicago, Ill.
 Veterans Administration
 Portland, Ore.
 Army
 Washington, D. C.
 Grand Rapids, Mich.
 Chicago, Ill.
 San Francisco, Calif.
 Providence, R. I.
 Chapel Hill, N. C.
 New York, N. Y.
 Magee, Miss.
 Army
 Nashville, Tenn.
 Kansas City, Mo.
 New York, N. Y.
 New York, N. Y.
 Army
 Dallas, Tex.
 Halifax, N. S.
 E. Orange, N. J.
 Oswego, N. Y.
 Boise, Idaho
 Cincinnati, Ohio
 Vancouver, B. C.
 Army
 Navy
 Navy
 St. Louis, Mo.
 Atlantic City, N. J.
 Omaha, Neb.
 New Orleans, La.
 Duluth, Minn.
 New Orleans, La.
 Halifax, N. S.
 Portland, Ore.
 Philadelphia, Pa.
 Navy

George W. Ferguson
 Theodore E. Fischer
 James H. Flanagan
 Lewis Fox
 Gerald Franklin
 Henry Lloyd Freeland
 Charles S. Gaige
 Earl Gilmore
 Merle L. Hale
 Fred Harris Hall
 James Ovid Hall
 Buford Bates Hamilton
 Frederic S. Harold
 Alfred Richard Harris
 S. Rush Haven
 George W. Hax
 Milton Heard, Jr.
 Eldridge L. Hicok
 Harold Hillenbrand
 Karl R. Hoffman
 Alvin M. Hord
 Chas. Freeland Hoyt
 Donald Chas. Hudson
 Fritz Robert Jackson
 Hubert Stephens Jackson
 Joseph H. Jaffer
 William M. Jarrett
 Geo. Farrer Jeffcott
 LeRoy Johnson
 Elias S. Khalifah
 Marvin Edw. Kennebeck
 Carl Lemley Kennedy
 Walter W. Key
 Robert Graves Knapp
 Gustav O. Kruger, Jr.
 Louis Parkerson Laville
 Edmund James Leach
 Odin Frederick Leberman
 Saul Levy
 Z. Bernard Lloyd
 Fred Lester Losee
 Duane W. Lovett
 Leo B. Lundergan
 Donald Robinson Mackay
 Wesley W. MacQueen
 Wayne L. McCulley
 Roderick A. McEwen
 Colin Andrew McHardy
 Harold George McLaughlin
 William Carl Marx

Navy
 Air Force
 Conway, Ark.
 Norwalk, Conn.
 Montreal, Can.
 Calgary, Can.
 Lancaster, Pa.
 San Francisco, Calif.
 Iowa City, Ia.
 Nashville, Tenn.
 Little Rock, Ark.
 Kansas City, Mo.
 New Haven, Conn.
 Navy
 Army
 Chicago, Ill.
 Macon, Ga.
 Colusa, Calif.
 Chicago, Ill.
 Algona, Ia.
 Toronto, Can.
 Navy
 Air Force
 U. S. Public Health Service
 San Antonio, Tex.
 New York, N. Y.
 Charleston, W. Va.
 Army
 Columbus, Ohio
 St. Louis, Mo.
 Air Force
 Montgomery, W. Va.
 Omaha, Neb.
 Utica, N. Y.
 Washington, D. C.
 Plaquemine, La.
 Salinas, Calif.
 Navy
 Chicago, Ill.
 Washington, D. C.
 Navy
 Iowa City, Ia.
 St. Louis, Mo.
 St. Paul, Minn.
 Minneapolis, Minn.
 Cleveland, Tenn.
 Atlanta, Ga.
 Baton Rouge, La.
 New York, N. Y.
 Holyoke, Mass.

Charles H. Matson
 Reuben E. V. Miller
 Louis Milobsky
 Alexander M. Mohnac
 Fred L. Moore, Jr.
 Clark Elder Morrow
 James Thos. Mudler
 Alexander E. Murphy
 Maxwell Cole Murphy
 Robert J. Nelsen
 Milton Evans Nicholson
 A. Harry Ostrow
 William A. Parker
 John Robert Pear
 James H. Pence
 Rae D. Pitton
 George C. Porteous
 Harry Edgar Ramsey
 Harvey Carroll Reese
 Orvin Edward Reidel
 Benjamin C. Reinke
 Clarence S. Renouard
 Marsh Robinson
 E. Romle Romine
 William Robert Root
 Ralph Rosen
 William John Ryan
 Norman Theodore Sauer
 Arthur H. Schmidt
 Isaac Schour
 Leo Michael Shanley
 Charles Michael Silk
 John Kenneth Sitzman
 Charles Louis Smith
 Edwin S. Smyd
 George Louis Snell
 Henry Spenadel
 John F. Svoboda
 Thos. Henry Swift
 Daniel F. Tobin
 Albert C. Tuck
 Kenneth Otis Turner
 Damon W. Vanasen
 Dean J. Van Patter
 William Griffin Vernon
 Albert C. Vieille
 Paul Edwin Weston
 Robert E. Willey
 Carlton Hinkle Williams
 Wilbur Karl Wirtz

Flint, Mich.
 Easton, Pa.
 Washington, D. C.
 Air Force
 Cincinnati, Ohio
 Springfield, Penna.
 Navy
 St. Louis, Mo.
 Temple, Tex.
 Washington, D. C.
 Pittsburgh, Pa.
 Washington, D. C.
 Knoxville, Tenn.
 Grosse Point, Mich.
 Omaha, Neb.
 Navy
 Minneapolis, Minn.
 Army
 Nashville, Tenn.
 York, Pa.
 San Francisco, Calif.
 Butte, Mont.
 Santa Monica, Calif.
 Detroit, Mich.
 Buffalo, N. Y.
 St. Louis, Mo.
 Cheyenne, Wyo.
 Asbury Park, N. J.
 Air Force
 Chicago, Ill.
 St. Louis, Mo.
 San Francisco, Calif.
 Air Force
 Washington, D. C.
 Detroit, Mich.
 Haddonfield, N. J.
 New York, N. Y.
 Los Angeles, Calif.
 Mt. Vernon, N. Y.
 Jackson Heights, N. Y.
 Thomasville, Ga.
 Navy
 San Diego, Calif.
 Hot Springs, Ark.
 Alexandria, La.
 Los Angeles, Calif.
 Thomasville, Ga.
 Los Angeles, Calif.
 San Diego, Calif.
 San Jose, Calif.

Don Edwin Woodard
Douglas H. Yock
Miles Zimmerman

Kansas City, Mo.
Minneapolis, Minn.
Pottsville, Pa.

Honorary Fellowship was conferred upon Dr. Frederick S. McKay, Colorado Springs, Colo. in recognition of his many contributions to the advancement of dentistry.

A reception to the new fellows was held in the St. Louis Room of the Statler Hotel.

Adjournment at 4:00 p.m.

EVENING SESSION

The session convened at 7:00 o'clock with a dinner, attended by 500 persons.

Following introduction of guests by President Fleming, Mr. Roberto de la Rosa spoke entertainingly on "The Other American Way of Life."

President Fleming presented the new officers and called upon Dr. Fritz A. Pierson to give his Inaugural Address. Dr. Pierson reviewed the activities of the College and outlined plans for the year.

Dr. Arthur H. Merritt presented the Past President's key to Dr. Willard C. Fleming.

Adjournment at 10:00 p.m.

AMERICAN COLLEGE OF DENTISTS

REPORT OF THE NECROLOGY COMMITTEE

EARL E. SHEPARD, D.D.S., St. Louis, *Chairman*¹

During the past twelve months since our last convocation, we have lost of our group by death, the following Fellows:

Norman Hempstead Baker	Charleston, W. Va.	October 29, 1951
Robert I. Blakeman	Indianapolis, Ind.	January 15, 1952
William B. Brooks	Chattanooga, Tenn.	December 28, 1951
John P. Burke	Washington, D. C.	March 8, 1952
John F. Christiansen	Los Angeles, Calif.	January 15, 1952
Norman S. Essig	Michaels, Md.	July 2, 1952
Stuart E. Hays	San Antonio, Tex.	August 11, 1952
John G. Hildebrand	Waterloo, Ia.	June 14, 1952
Edward J. Jennings	Trenton, N. J.	December 12, 1951
Theodore Kaletsky	New York, N. Y.	May 21, 1952
John W. Kemper	Ann Arbor, Mich.	May 8, 1952
Leonard I. Kercheval	Houston, Tex.	March 7, 1952
Henry O. Lineberger	Raleigh, N. C.	December 7, 1951
Jack LeRoy Loop	Alhambra, Calif.	October 22, 1951
Myron E. Lusk	Minneapolis, Minn.	November 25, 1951
Alvin F. Merriman, Jr.	Santa Rosa, Calif.	January 27, 1952
Donald Howard Miller	San Leandro, Calif.	November 16, 1951
Clayton L. Miner	St. Cloud, Minn.	January 17, 1952
George Raymond Moore	Ann Arbor, Mich.	April 6, 1952
William Frederick Northrup	Detroit, Mich.	December 28, 1951
James Nuckolls	San Francisco, Calif.	April 19, 1952
Leslie W. Peate	Klamath Falls, Ore.	September 16, 1951
Harry B. Pinney	Chicago, Ill.	October 18, 1951
William Rosenbaum	New York, N. Y.	September 16, 1951
Ernest G. Sloman	San Francisco, Calif.	April 30, 1952
Edward Ray Strayer	Philadelphia, Pa.	December 16, 1951
James T. Sweeney	Lodi, Calif.	June 24, 1951
J. Clark Waddell	East St. Louis, Ill.	July 12, 1952
J. Sim Wallace	London, England	July 13, 1951
Edward L. Williams	Houston, Tex.	January 18, 1952
Walter H. Wright	New York, N. Y.	December 31, 1951

We treasure the thought of them for their devotion to the College and the service rendered to their fellowmen.

May our memories of them be likened to the present magnificent bloom of these memorial flowers.

¹Other members of the Committee, George M. Anderson and Ernest F. Soderstrom

Certainly the following excerpt from Bryant's "Thanatopsis" might well be emblematic of an attitude attributed to our Fellows:

"So live that when thy summons comes to join
The innumerable caravan that moves
To the pale realms of shade, where each shall take
His chamber in the silent halls of death,
Thou go not, like the quarry slave at night,
Scourged in his dungeon, but, sustained and soothed
By an unfaltering trust, approach thy grave
Like one who wraps the drapery of his couch
About him, and lies down to pleasant dreams."

May the assemblage kindly rise for a memorial prayer.

"Heavenly Father, grant to these Thy servants, that peace which passeth all understanding, that amid the sorrows of life they may rest in Thee, knowing that all things are in Thee, under Thy care, governed by Thy will, guarded by Thy Love.

"Grant them quiet hearts that they may face the clouds and the darkness, ever rejoicing to know that darkness and light are both alike to Thee, through Thy Dear Name. Amen."

Norman Hempstead Baker, D.D.S.
Charleston, W. Va.

1886-1951

Fellowship conferred in 1948.

Graduated from Baltimore College of Dental
Surgery in 1909.

Past President West Virginia State Dental
Society.

Past President Kanawha Valley Dental Society.

Member Kanawha Dental Society, West Vir-
ginia State Dental Society, American Dental
Association.





William Bogan Brooks, D.D.S.
Chattanooga, Tenn.

1890-1951

Fellowship conferred in 1951.

Graduated from Atlanta Dental College in 1916.

Past President Third District Dental Society
(Tennessee).

Member Third District Dental Society, Ten-
nessee State Dental Society, American Dental
Association.

John Patrick Burke, D.D.S.
Washington, D. C.

1897-1952

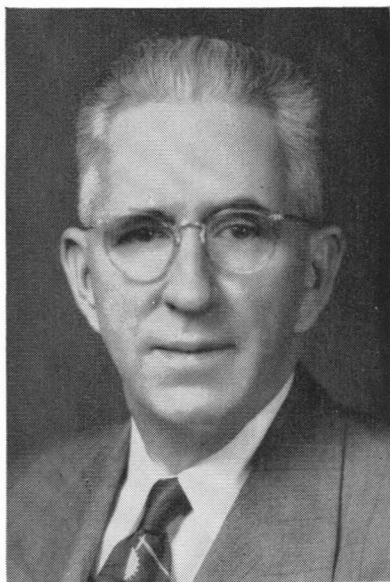
Fellowship conferred in 1948.

Graduated from Georgetown University Dental
School in 1921.

Past President, District of Columbia Dental
Society.

Past Chairman Five-State Post Graduate Clinic.

Member Minnesota State Dental Society, Dis-
trict of Columbia Dental Society, American
Dental Association.





John F. Christiansen, D.D.S.

Los Angeles, Calif.

1876-1952

Fellowship conferred in 1933.

Graduated from Northwestern University Dental School in 1906.

Member Utah State Dental Society, Illinois State Dental Society, Chicago Dental Society, California State Dental Society, Los Angeles County Dental Society, American Dental Association.



Norman Sturges Essig, D.D.S.

Michaels, Md.

1869-1952

Fellowship conferred in 1938.

Graduated from University of Pennsylvania Dental School in 1889.

Past President Academy of Stomatology.

Member Pennsylvania State Dental Society, American Dental Association.



Stuart E. Hays, D.D.S.
San Antonio, Tex.

1881-1952

Fellowship conferred in 1938.

Preceptorship for 7 years.

Past President, San Antonio Dental Society.

Member Texas State Dental Society, American
Dental Association, San Antonio Dental
Society, Fort Worth Dental Society.

John Grant Hildebrand, D.D.S.

Waterloo, Ia.

1869-1952

Fellowship conferred in 1928.

Graduated from State University of Iowa,
College of Dentistry in 1890.

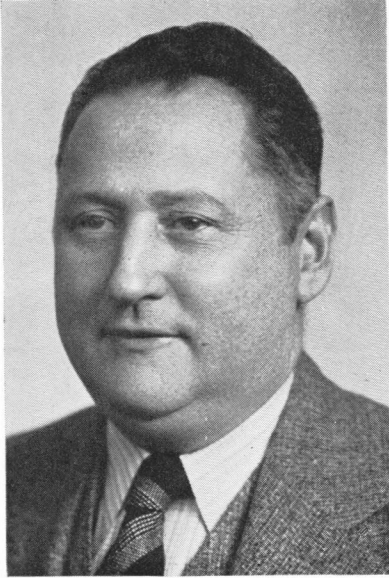
Past President, Iowa State Dental Society.

Past President Waterloo Dental Society.

Past Vice-President, American Dental Association.

Member Waterloo City Dental Society, Waterloo
District Dental Society, Iowa State Dental
Society, American Dental Association.





Edward J. Jennings, D.D.S.

Trenton, N. J.

1893-1951

Fellowship conferred in 1942.

Graduated from University of Pennsylvania
Dental School in 1919.

Past President New Jersey State Dental Society.

Past President Mercer County Dental Society.

Member New Jersey State Dental Society,
Mercer County Dental Society, American
Dental Association.

Theodore Kaletsky, D.D.S.

New York, N. Y.

1897-1952

Fellowship conferred in 1945.

Graduated from College of Dental and Oral
Surgery of New York in 1917.

Past President New York Institute of Clinical
Oral Pathology.

Member New York Institute of Clinical Oral
Pathology, International Association for
Dental Research, American Association for
the Advancement of Science, New York State
Dental Society, First District Dental Society,
Second District Dental Society, American
Dental Association.





John Willard Kemper, D.D.S. M.D.
Ann Arbor, Mich.

1891-1952

Fellowship conferred in 1939.
Graduated from the University of Michigan
School of Dentistry in 1917.
Graduated from the University of Michigan
School of Medicine in 1927.
Past President of Detroit Dental Clinic Club.
Member Chalmer J. Lyons Club, Michigan
State Dental Society, American Association
of Oral and Plastic Surgeons, American Dental
Association.

Leonard Ian Kercheval, D.D.S.
Houston, Tex.

1890-1952

Fellowship conferred in 1943.
Graduated from Indiana University School of
Dentistry in 1912.
Past President Houston Dental Society.
Member Indianapolis Dental Society, Indiana
State Dental Society, Houston Dental Society,
Texas Dental Society, American Dental
Association.





Henry Otis Lineberger, D.D.S.
Raleigh, N. C.

1891-1951

Fellowship conferred in 1931.

Graduated from University of Louisville School of Dentistry, in 1914.

Past President North Carolina Dental Society.

Past President American College of Dentists.

Member North Carolina State Dental Society,
Fourth District Dental Society, Raleigh Dental Society, American Dental Association.

Jack LeRoy Loop, D.D.S.
Alhambra, Calif.

1898-1951

Fellowship conferred in 1940.

Graduated from University of Southern California School of Dentistry in 1925.

Past President Alhambra Dental Society.

Past President Southern California Color Research Society.

Member California State Dental Association,
Los Angeles Dental Society, American Dental Association.





Myron Everett Lusk, D.D.S.
Minneapolis, Minn.

1902-1951

Fellowship conferred in 1946.

Graduated from University of Minnesota School
of Dentistry in 1926.

Member Minnesota State Dental Society,
Minneapolis District Dental Society, Amer-
ican Dental Association.

Alvin F. Merriman, Jr. D.D.S.
Santa Rosa, Calif.

1858-1952

Fellowship conferred in 1935.

Graduated from College of Physicians and Sur-
geons, A School of Dentistry in 1899.

Past President California State Dental Asso-
ciation.

Member Stomatological Club of California,
California State Dental Association, Pacific
Coast Dental Conference, American Dental
Association.





Donald Howard Miller, D.D.S.
San Leandro, Calif.

1902-1951

Fellowship conferred in 1951.

Graduated from College of Physicians and Surgeons, A School of Dentistry in 1933.

Past President Medico-Dental Study Club of San Francisco.

Member Alameda County Dental Society, San Francisco Medico-Dental Study Club, American Academy of Applied Nutrition, American Dental Association, California State Dental Association.

Clayton L. Miner, D.D.S.
St. Cloud, Minn.

1897-1952

Fellowship conferred in 1933.

Graduated from University of Minnesota, School of Dentistry in 1918.

Past President West Central District Dental Society.

Past President Monson Study Club.

Past President St. Cloud Dental Society.

Member St. Cloud Dental Society, West Central District Dental Society, Minnesota State Dental Association, American Dental Association.





George Raymond Moore, D.D.S.
Ann Arbor, Mich.

1899-1952

Fellowship conferred in 1939.

Graduated from University of Michigan School of Dentistry in 1923.

Past President Great Lakes Association of Orthodontists.

Member Michigan State Dental Society, Washtenaw District Dental Society, American Society of Orthodontists, Great Lakes Association of Orthodontists, International Association for Dental Research, American Association of Dental Schools, American Association for the Advancement of Science, American Dental Association.



William Frederick Northrup, D.D.S.
Detroit, Mich.

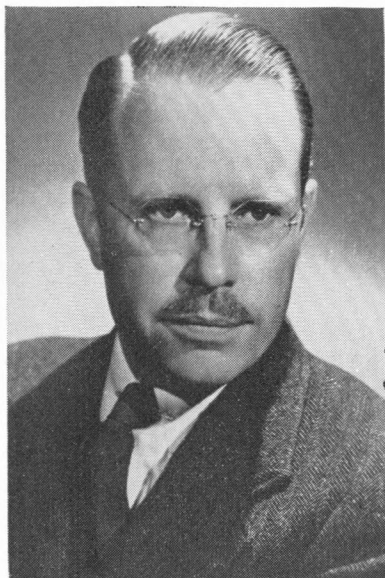
Fellowship conferred in 1941.

Graduated from University of Michigan School of Dentistry in 1911.

Past President Detroit District Dental Society.

Past President Michigan State Dental Society.

Member Detroit District Dental Society, Michigan State Dental Society, Detroit Clinic Club, American Dental Association.



James Nuckolls, D.D.S.
San Francisco, Calif.

1902-1952

Fellowship conferred in 1940.

Graduated from University of California, College of Dentistry in 1927.

Member San Francisco District Dental Society, California State Dental Association, American Dental Association.

Leslie W. Peate, D.D.S.
Klamath Falls, Ore.

1894-1951

Fellowship conferred in 1949.

Graduated from North Pacific College of Oregon, in 1923.

Member Advisory Council of the University of Oregon Dental School, Oregon State Dental Association, Klamath Falls District Dental Society, American Dental Association.





Harry B. Pinney, D.D.S.
Chicago, Ill.

1879-1951

Fellowship conferred in 1933.

Graduated from Chicago College of Dental
Surgery in 1900.

Past President Chicago Dental Society.

Past Secretary American Dental Association.

Member Illinois State Dental Society, Chicago
Dental Society, American Dental Association.

William Rosenbaum, D.D.S.

New York, N. Y.

1881-1951

Fellowship conferred in 1950.

Graduated from New York University School
of Dentistry in 1901.

Past President New York University Dental
School Alumni Association.

Member First District Dental Society, New
York State Dental Society, American Acad-
emy of Dentistry, American Association for
the Advancement of Science, American
Dental Association.



Ernest Gaynor Sloman, D.D.S.
San Francisco, Calif.

1895-1952

Fellowship conferred in 1938.

Graduated College of Physicians and Surgeons,
A School of Dentistry in 1921.

Member Arizona State Dental Society, Honorary member, Pacific Coast Society of Orthodontists, International Association for Dental Research, American Association for the Advancement of Science, San Francisco Dental Society, California State Dental Society, American Dental Association. Dean College of Physicians and Surgeons, A School of Dentistry.

Edward Ray Strayer, D.D.S.
Philadelphia, Pa.

Fellowship conferred in 1950.

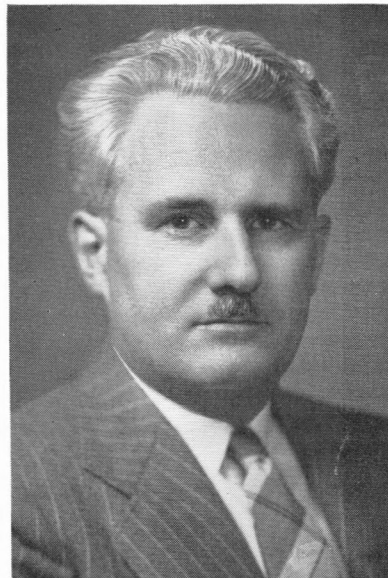
Graduated from Temple University School of
Dentistry in 1925.

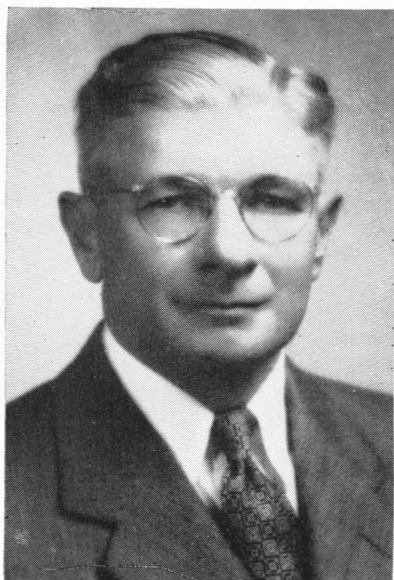
Past President Pennsylvania Association of
Dental Surgeons.

Past President Pennsylvania Society of Dentistry
for Children.

Past President Dental Alumni Society of Temple
University.

Member Pennsylvania State Dental Association,
Philadelphia County Dental Society,
Northeastern Society of Orthodontists, American
Association of Orthodontists, Pennsylvania
Association of Dental Surgeons, American
Dental Association.





James T. Sweeney, D.D.S.
Lodi, Calif.

—1951

Fellowship conferred in 1944.

Graduated from University of California, College of Dentistry, in 1926.

Member California State Dental Association, International Association for Dental Research, American Dental Association.



J. Clark Waddell, D.D.S.
East St. Louis, Ill.

1879-1952

Fellowship conferred in 1934.

Graduated from Northwestern University School of Dentistry in 1903.

Past President local Dental Society.

Member Illinois State Dental Society, American Dental Association.



J. Sim Wallace, D.D.S. M.D.
London, England

—1951

Fellowship conferred in 1929.

Graduated from University of Glasgow (Dentistry) 1890. Medicine, 1893.

Author of many books on Caries, Dietetics and Dental Pathology.

Member of many European and American Dental societies.

Edward L. Williams, D.D.S.
Houston, Tex.

1885-1952

Fellowship conferred in 1929.

Graduated from Vanderbilt University Dental School in 1908.

Past President Houston Dental Society.

Past President Texas State Dental Society.

Member Texas State Dental Society, Houston Dental Society, American Dental Association.



Walter Henry Wright, D.D.S.
New York, N. Y.

1893-1951

Fellowship conferred in 1927.

Graduated from University of Pittsburgh School
of Dentistry in 1917.

Past President American College of Dentists.

Past President Academy of Denture Prosthesis.

Member American Association of Dental
Schools, Pennsylvania State Dental Society,
Association of Anatomists, Association of
University Professors, New York Academy of
Dentistry, Health Council of Greater New
York, New York Dental Society, American
Dental Association.

PRESENTATION OF AWARDS IN MEMORY OF
THE LATE DEAN SLOMAN AND
DEAN MILLBERRY

TWO DEANS: HONORS TO THEIR MEMORY

Early in the latter half of the year, 1952, the profession of California, not to mention the profession of the country, suffered the loss of two leaders, one who had served the proverbial, 'three-score and ten' and one who was just at the height of his career.

Doctor Millberry served his school and the profession in various capacities from 1903 to 1940, leaving an impress among the practitioners of this art that will endure many long years. His name will forever be held in respect.

Doctor Sloman had served his school and the profession also in various capacities from 1921 to the time of his death in 1952. He was in reality at the height of his career when taken, but he will be no less quickly forgotten and his memory will be the source of inspiration for all who knew him.

In their honor memorials have been established. Although Doctor Millberry was not a Fellow of the College, yet he was so closely related and these two men had accomplished so much, that it becomes our privilege to make this announcement and to submit these remarks. (Ed.)

INTRODUCTION

KENNETH M. JENKINS, D.D.S.¹

San Francisco

The year 1952 has been a particularly sad one for the dental profession, especially for the San Francisco Dental Society, for it was during this year we lost by death two of our most outstanding members, Dr. Ernest G. Sloman and Dr. Guy S. Millberry.

Doctor Sloman's death came as a real shock; he was called to his Creator at the height of a most outstanding and courageous career and before he could conclude his many and varied plans in behalf of organized dentistry and his beloved school, the College of Physicians and Surgeons.

Doctor Millberry had lived a full life, his passing was not wholly unexpected, but his loss is keenly felt by all who knew him and appreciated his tremendous contributions to dentistry and to the College of Dentistry, University of California.

This evening we are honoring the memory of these two dental leaders. Because of their outstanding professional contributions to and through the San Francisco Dental Society, we, in our humble way, have tried to establish fitting memorials that we may all be reminded of the magnitude of their achievements and their great personal sacrifices.

I will call upon Dr. Frederick T. West to introduce the newly appointed Dean of the College of Physicians and Surgeons, Dr. E. Frank Inskipp, who will present the memorial in honor of Dr. Guy S. Millberry and immediately following, Dr. Williard C. Fleming, Dean of the College of Dentistry, University of California, will make the address of dedication of the memorial to Dr. Ernest G. Sloman.

¹ President, San Francisco District Dental Society.

PRESENTATION OF THE GUY STILLMAN
MILLBERRY MEMORIALE. FRANK INSKIPP, D.D.S.²*San Francisco*

At the request of the President and Board of Directors, I have the honor to present to Dean Willard Fleming the Guy Stillman Millberry Memorial as a gift of the San Francisco Dental Society.

An outstanding figure in dental education since 1901, he served as Dean of the University of California College of Dentistry for a quarter of a century after a career in the teaching of chemistry metallurgy and as Superintendent of the College. He was responsible for the inauguration of many progressive changes in dental teaching, perhaps having as his greatest interest the field of Public Health as it is related to dental practice. Sharing our own loss with that of the University of California, on behalf of the San Francisco Dental Society may I present to you, Dean Fleming,³ this check for \$750.00, this to be retained for a suitable memorial to be placed in the Memorial Alumni Room in the proposed Student Union Building at the Medical Center. The officers of the Society have requested, on the completion of the building, that they be consulted in the selection of the memorial. With humility and deep respect, I hand you this in memory of our past friend and colleague, Guy Stillman Millberry.

DEDICATION ADDRESS IN MEMORY OF DEAN
ERNEST SLOMANWILLARD C. FLEMING, D.D.S.⁴*San Francisco*

On December 8, 1951, almost exactly one year ago, a group of dentists gathered in the University Club in Los Angeles to pay honor to Ernest Sloman. It was my Privilege to be one of the speakers. The title of my speech was "Operation Leadership," and, in essence, it attempted to point out that we were gathered that evening not to thank Ernest Sloman for a job well done, but to assure him that

² Dean, College of Physicians and Surgeons, A School of Dentistry.

³ Dean, College of Dentistry, University of California.

⁴ Doctor Fleming in well chosen words accepted the gift in behalf of Doctor Millberry and proceeded immediately with his address.

our presence was an endorsement of his past performance and an expression of our belief in his capacity to handle the job ahead. In other words, our purpose was to acquaint Ernest Sloman with his own qualities and accomplishments. This may sound strange to you, but Ernest Sloman was a modest man and did not look upon his record of achievement as anything unusual, but rather as a simple discharge of his regular line of duty.



Into the lives of modest men, however, come moments of doubt as to their ability to deal with the ever-increasing burden of responsibilities that a man assumes through the years. One of these responsibilities is leadership, and it was our purpose that evening to dispel any doubts which he might have had regarding his ability or his capacity to assume even greater responsibilities and leadership in our profession.

Looked at in retrospect, we were wrong last December in encouraging him to assume more and greater burdens, but our error and the tragedy of his death point up one of the problems of our time—the need for leaders and leadership. The burdens of leadership must not be piled upon the shoulders of a few, but rather new and more leaders must be found among whom the load may be distributed. These demands for leadership will be more, rather than less, as time goes on and complexities multiply.

New problems are arising, and we have no precedents to follow. In the past forty years we have fought World War I, Followed by

the Depression of 1921 and 22, then the wild economics of the late 20's, the Depression of the 30's, and the war of the 40's and early 50's. There has been no period of calm or security. Set patterns have been disrupted, and new patterns not yet established. The well-ordered life set by precedent and custom is gone. New values are developing, and our leaders have to set the course over a strange terrain.

What are some of these problems that our leaders must solve? There is the growing demand for dental service and the greater distribution of that service to more people in a form of dental practice that maintains the basic freedoms, the stimulating effect of individual initiative and yet develops the controls that must be a necessary part of the program.

In addition to the growing demand for dental service, there is the immense increase in the stature of dentistry as a member of the health professions, and the expanding field of scientific and social knowledge which will force changes in dentistry. We must re-evaluate the objectives of dentistry and dental practice. This will require an overall survey of dentistry to determine its place in our social, economic, and political economy. The problem of specialization and licensure and the development of auxiliary personnel will be part and parcel of such a survey. The selection of students and the cost of dental education will have to be scrutinized. How much longer can we continue the current method of selection where the most important admission requirement is the ability of the parents of the applicant to pay the cost of dental education? How much longer are we going to continue to turn away applicants after they have completed their preprofessional work, when by everything that is right and proper we should have made our selection much farther down the academic ladder? The cost of dental education is increasing, not only to the student, but to the universities as well. Our private universities, living on a shrinking endowment income, must have support without losing the degree of independence that has been such a material factor in developing dental education to its present high standing.

Support of dental research and the place of dentistry in public health are other problems that we can see clearly on the horizon. These problems can be solved only by the concerted action of the various organizations within the dental profession, and to do this,

we must have leadership. There are many qualities that we demand in our leaders, such as integrity, courage, vision, experience, etc.

Ernest Sloman had these special qualities that other men demand in their leaders. These qualities are intangible and are hard to identify and harder to measure.

It is difficult to determine a common denominator of qualities necessary for leadership and we still have to use the "trial and error" method of selection. Ernest Sloman was a product of this system that took him as a young man of promise in 1921 and developed him as an outstanding leader in the dental profession. He had courage, vision, integrity. He had an intelligence and understanding that could cull through the hours of debate in a conference and summarize clearly and sharply what everyone really had in mind. Along with this he had a "humaness" that made him one of us—that gleam in his eye when he added up the golf score on the eighteenth hole or when he discarded the queen of spades on your lead in a game of hearts. He had all of these things in abundance and so fashioned that they developed in him a quality that all great leaders possess, a quality that draws men to him, some to learn as disciples, some to draw strength from his strength and some to admire.

A year ago, by our presence and by our words, we testified to our confidence in Ernest Sloman as this kind of a leader. Tonight we are dedicating a lectern to his memory. It is customary for men to erect material things to the memory of those greatly loved and respected. This lectern symbolizes that age-old custom. In recent years we have enlarged the scope of our memorials to establish living and perpetual memorials in the form of fellowships and scholarships. Along this line of thought would it not be a good idea to stimulate our local and state societies to establish a program that will seek out and develop young people of promise as our future leaders in dentistry? There could be the Ernest Sloman Award for the young man of the year or the Ernest Sloman Award for the person who has made the greatest contribution to organized dentistry. We have our recognitions and awards in the fields of research and education. Should we not also stimulate and reward those who contribute to the organizations of our profession?

Ernie would have appreciated this lectern and he would have embraced the idea of a program to develop latent qualities of leadership in our young people. One cannot help but feel that if we had

had a large reservoir of young people of proved special capacities upon whom he could have called, it is quite possible that Ernest Sloman would be with us tonight.

It is my privilege to be the first to speak from this lectern and I use this occasion to dedicate it to Ernest Sloman, the outstanding leader in our profession in my generation, and at the same time I dedicate it to the young leaders of the future whose burdens will be lighter by virtue of the fact that they are following in the foot steps of a great leader.

ACCEPTANCE OF THE ERNEST G. SLOMAN MEMORIAL

E. FRANK INSKIPP, D.D.S.

San Francisco

On behalf of the Board of Trustees, Faculty, Alumni and Students of the College of Physicians and Surgeons, I accept this gift in memory of our beloved Dean, Ernest Sloman. In receiving this token of affection and regard from the Society he served as Secretary for sixteen years and to know that it truly expresses the deep admiration of his many friends, the College feels that the place it holds in dental education today is largely the result of his devotion to the ideals of the dental profession as represented in the membership of the San Francisco Dental Society. To each of its members may we say thank you, in the knowledge that this memorial will remain for many future classes of our colleagues as a symbol of those ideals.

AMERICAN COLLEGE OF DENTISTS



A TRIBUTE: TO DR. HENRY OTIS LINEBERGER NORTH
CAROLINA SECTION AND RALEIGH DENTAL SOCIETY¹

G. FRED HALE, D.D.S., Raleigh

“Too low they build who build below the stars.”

This must have been the motto of our valued member and friend, Dr. Henry Otis Lineberger. It never occurred to him that the peak of achievement could not be scaled, but, on the other hand, he had no illusions about the difficulties to be encountered in climbing. After diligent study, seeking advice, more study and deliberate and

¹ Raleigh Dental Society presents portrait to his family.

prayerful delay, if he felt the program at hand was good for the greatest number, he pursued with intelligent perseverance to accomplish the projected goal. And here I would like to quote Ex-President Calvin Coolidge on persistence, because it so aptly fits Dr. Lineberger:

"Nothing in the world has taken the place of persistence. Talent will not—nothing is more common than unsuccessful men with talent. Genius will not—unrewarded genius is almost a proverb. Education will not—the world is full of educated derelicts. Persistence and determination alone are omnipotent."

If among his many virtues he had one superior, it must have been his persistence and determination; failure was foreign to his thinking, even tho there were often many and discouraging detours. The impossible seemed to offer a welcome challenge, and gave impetus to his determination.

He labored consistently over the years for the good of dentistry, from the local group on up through channels to the highest echelon. He labored unceasingly for civic betterment. His contributions to the religious life and social welfare of Raleigh bear enviable testimony to his interest in human kind and his unselfish labors for all that touched the righteous hem of society, place his memory in a niche of fame.

His work as chairman of Hospital Board of Control stands unsurpassed by none and equalled by few, if any. Dental education claimed his interest and work for many years. Never over some twenty years did he let the idea perish,—the flame sometimes flickered, but was never completely extinguished. Without thought of personal reward, but with due regard for the need, he more than any one person, in season and out, worked for the establishment of a Dental College in North Carolina,—first at Duke University, and then when that proved hopeless he turned with the same enthusiasm to the possibility at the University of North Carolina. Its establishment is a monument to his unceasing labors, his foresight, his judgment and his sacrifice.

His interest in other people, his enthusiasm, his willingness to work, alike in humble or high station, his regard for the opinions and rights of others, his capacity to forget any unkindness and bear no malice, placed a stamp of greatness on him.

Someone said that "mentality is what enables you to convert information into action; character is what enables you to do things you don't want to do when you don't want to do them,—the secret of success in any man's world;—the result is self mastery." This so aptly applied to H. O. Lineberger. And, too, he had a philosophy of Life,—he had a program, a purpose and a goal, and nothing short of achievement could be found at the end of his rainbow.

He exemplified love of service,—you can't use the accounting system to calculate the interest on love,—this is a science forever beyond our human understanding. But let us here today not forget that we are the beneficiaries of the interest on his love for service to mankind.

One could indefinitely extol the virtues of Dr. Lineberger, but they are to a large degree too well known to you to name them all. You also know most of the honors which came to him in recognition of his services to social welfare, religious advancement and professional progress. We, the members of the Raleigh Dental Society, meet here this evening to pay some tribute and show our gratitude for the friendship and beneficence of one of our late members.

Therefore, in obedience to my instructions and on behalf of the members of the Raleigh Dental Society, I want to present to Mrs. H. O. Lineberger and family a portrait of Dr. Lineberger.² This from our hearts in recognition and appreciation of him as a man, and in gratitude for his labors, leadership and sacrifices. "A prophet with honor in his own community."

² Mrs. Lineberger, with her accustomed grace and good taste, accepted the portrait for herself and family with appropriate remarks.

CORRECTION

In the Journal for December 1952, page 336, there appeared a couple of verses entitled "Be Strong". Apparently there was some error in these, together with the fact that it was a part of a poem. Our good friend Arthur Merritt called the attention of the Editor to it and has sent him the poem complete, together with the original source of publication. (Ed.)

BE STRONG

Be Strong!

We are not here to play, to dream, to drift,
We have hard work to do, and loads to lift.
Shun not the struggle; face it. 'Tis God's gift.

Be Strong!

Say not the days are evil,—Who's to blame?
And fold the hands and acquiesce—O shame!
Stand up, speak out, and bravely, in God's name.

Be Strong!

It matters not how deep intrenched the wrong,
How hard the battle goes, the day, how long.
Faint not, fight on! Tomorrow comes the song.

MALTBIE D. BABCOCK, D.D., 1858-1901
Thoughts For Every Day Living;
Charles Scribner's Sons, New York, N. Y. 1901

BOOK ANNOUNCEMENTS

ORAL SURGERY: This is the second edition of this book by the well known author Kurt H. Toma, D.M.D. This editions consists of two volumes with total of 2,550 pages including an index. It contains 1,789 illustrations with 121 in color. It is profusely illustrated, well bound and should prove a valuable book to the man in general practice. Published by C. V. Moseby Co. Price, \$30.00.

NEWER CONCEPTS OF INFLAMATION: This is the title of a little book by Valy Menkin, Professor of Experimental Pathology at Temple University, School of Medicine. It is, as the title indicates, a new concept of the inflammatory process and should be of no small interest to endodontists. It consists of 145 pages with an index and is well illustrated in black and white. Published by Chas. C. Thomas, Springfield, Illinois. Price: To be had on application.

INJURIES TO THE TEETH OF CHILDREN: This is the third edition of this little book by the well known author Dr. Roy G. Ellis, Dean of the Faculty and Professor of Operative Dentistry, University of Ontario. It consists of 247 pages, 5¼ x 3¼ inches, including an index. It is well illustrated and is a valuable book to those practicing Pedodontia. Published by Yearbook Publishers, Inc., Chicago. Price, \$4.25.

ACCEPTED DENTAL REMEDIES (ADR): This is the 18th edition of this well known publication by the Council of Dental Therapeutics of the American Dental Association. It is up-to-date in its inclusion of accepted products and "other information compiled to promote therapeutics in dentistry". Each of the eighteen issues has proved larger than the preceding. This one is no exception inasmuch as it contains 208 pages, including an index with many tabulations and graphic formulae. Published by the American Dental Association, Chicago. Price, \$2.00.

ORAL ANATOMY: This is the second edition of this book by the author, Harry Sicher, M.D., D.Sc., Professor of Anatomy and Histology, Loyola University, School of Dentistry, Chicago. It is complete with 529 pages, an index and 310 illustrations including 24 in color. A critical review will be published shortly. Published by C. V. Mosby Company. Price, \$13.50.

HOSPITAL FORMULARY (UNIVERSITY OF CALIFORNIA): This is a little book of 318 pages with an index discussing, as its title indicates,

drugs, their pharmacologic action, dose and mixtures with other drugs in the treatment of disease and diseased conditions. It is adapted to the use of three departments of health service, namely, medicine, dentistry and pharmacy, and in a measure is comparable to the ADR of the American Dental Association. Published by the University of California Press. Price on application.

ANNUAL REPORT 1951, NATIONAL BUREAU OF STANDARDS: National Bureau of Standards Miscellaneous Publication 204, 105 pages, 28 halftone illustrations, 50 cents (order from Government Printing Office, Washington 25, D. C.).

Summarizing scientific and engineering investigations conducted by NBS during the fiscal year 1951, this booklet contains accounts of current activities as well as more detailed descriptions of especially important scientific developments. Its text provides a general description of work done in the 15 scientific and technical divisions and gives many specific examples of significant projects at NBS during the year.

THE GROWTH AND DEVELOPMENT OF THE NEGRO IN DENTISTRY IN THE UNITED STATES: This is the title of a new book by Clifton O. Dummett D.D.S., F.A.P.H.A. Chief, Dental Service, Veterans Administration Hospital, Tuskegee, Alabama; formerly Dean and Director Dental Education, Meharry Medical College, Nashville, Tennessee.

It is a record of the development and progress of the Negro in Dentistry including an evaluation of past accomplishments and pointing the way to successful completion of the tasks of the future. Eight scientists in the fields of dentistry, medicine, nursing, public health, research, sociology and the biological sciences have contributed to this book which presents in a single compact volume, the accomplishments which Negroes have made in general practice, public health, dental education and research, specialization and administration. Published by National Dental Association, 1555 Roosevelt Rd., Chicago, Illinois, Price: \$5.00.

MORAL THEORY OF BEHAVIOR: This is the title of a monograph of thirty-four pages, including an index, by Frank R. Barta, M.D., F.A.C.P., Director, Department of Psychiatry and Neurology, Creighton University School of Medicine. It is submitted as 'A New Answer to the Enigma of Mental Illness'.

It is a short monograph of 35 pages including an index, but it is packed full of material and data, as a result of which the author has formed the following hypothesis:

"Ideally each person should be taught or learn to expect of himself and others exactly that which is objectively justifiable on the basis of individual native capacity. Actually, no one ever succeeds in acquiring such ideal attitudes, since it is human to err. However, if our attitudes approximate objective truth sufficiently, we are "normal" and well adjusted. Those taught to deviate (unknowingly) to a somewhat greater extent are usually considered "queer", eccentric, or prejudiced. Somewhat greater degrees of deviation result in psychoneuroses of various types. The greatest degrees of deviation occur in those prone to develop psychoses."

This little book is a valuable contribution to the study of that condition of mind in which we find so many people in these war torn days. Published by Charles C Thomas Company, 301-327 E. Lawrence St., Springfield, Ill. Price on application.

A MANUAL OF ORAL SURGERY: This is the title of a new book by one well known among us, W. Harry Archer, B.S., M.A., D.D.S. Dr. Archer is Professor of Oral Surgery and Anesthesia, School of Dentistry, University of Pittsburgh. He has presented a book of 643 pages including an index and profusely illustrated with 1,036 figures. This is a book which should be of no little value, not only to those practicing oral surgery but to the average dentist in practice as well.

The first two paragraphs appear to be of such importance as to warrant quoting in full: "The extraction of teeth, however accomplished, is a surgical operation involving bony and soft tissues of the oral cavity, access to which is restricted by the lips and cheeks and further complicated by the movement of the tongue and mandible. An additional hazard is that this cavity communicates with the pharynx, which in turn opens into the larynx and esophagus. Furthermore, this field of operation is flooded by and is inhabited by the largest number and greatest variety of microorganisms found in the human body. Finally, it lies close to the vital centers.

"It is essential, therefore, that this phase of oral surgery be given the same careful study and application of sound surgical principles as is given to surgery in any other part of the human body. No operation performed by the dentist is fraught with such great danger to the patient as those of oral surgery, a large part of which is extraction of teeth."

Publisher: W. B. Saunders and Company. Price: \$15.00.

ERRATUM

In the announcement of Oral Anesthesia by Archer, published by W. B. Saunders Company, in the last issue of the Journal, the price of the book was inadvertently omitted. The price is \$5.50.

American College of Dentists

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