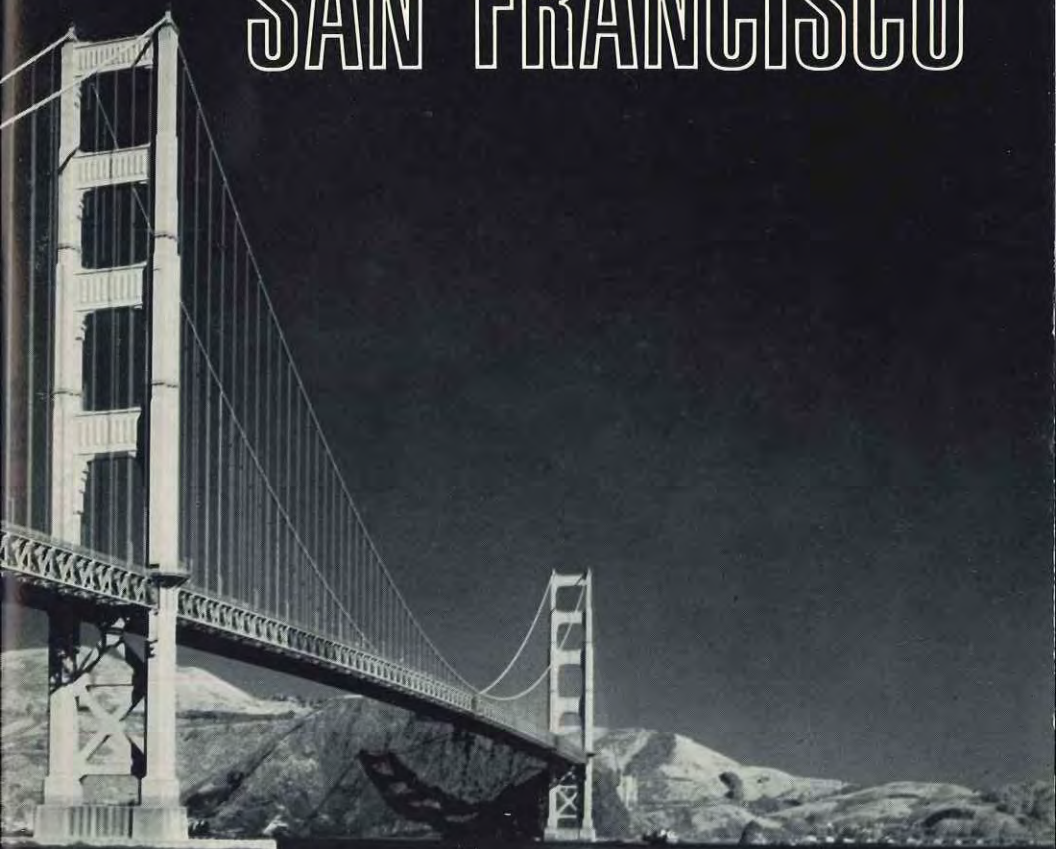


SAN FRANCISCO



TWENTY-THIRD ANNUAL MEETING



APRIL 14 - 17, 1966
SHERATON-PALACE HOTEL

Index

AAE President Henry S. Schmidt – “Welcome”	1
Governor Brown – “Greetings”	2
Mayor Shelley – “Greetings”	3
Program Schedule & Highlights	4-6
Special Events – Entertainment	7
Officers’ Photographs	8-9
Listing of Officers & Executive Committee	10
Program Details	11-17
Biographical Sketches of Speakers	18-21
AAE Working Committees	21-23
Scientific & Supplier Exhibits	24
Hotel Floor Plan – Meeting Rooms	25
Note Pages	26-28
Restaurant & Pictorial Guide to San Francisco	29-40



WELCOME

TO THE TWENTY THIRD ANNUAL MEETING
of the
AMERICAN ASSOCIATION OF ENDODONTISTS

It is a privilege to extend my sincere greetings to our members and guests. This, our first meeting on the West Coast, is the result of the policy established by the Executive Committee, whereby the site of the annual meeting is rotated to enable all sections of the country the opportunity of hosting the meeting. It is the hope of the Officers and Committeemen that your visit to San Francisco will be pleasant and beneficial.

The program is the product of many months of intensive planning by all members of the Program Committee. It provides a good balance between practical endodontics and endodontics research. We are deeply indebted to the essayists and clinicians for sharing their professional knowledge with us.

I hope that you will avail yourself of this opportunity to become better informed and enjoy the fellowship of the social events that have been planned.

Henry S. Schmidt
President

PRESIDENT
HENRY S. SCHMIDT, D.D.S.
17309 SCHAEFFER HIGHWAY
DETROIT 24, MICHIGAN

PRESIDENT-ELECT
JOHN I. INGLE, D.D.S.
UNIV. OF SO. CALIFORNIA
SCHOOL OF DENTISTRY
LOS ANGELES, CALIFORNIA

VICE-PRESIDENT
E. C. VAN VALEY, D.D.S.
SUITE 2225
9 ROCKEFELLER PLAZA
NEW YORK 20, NEW YORK

TREASURER
LUTHER H. BUTLER, D.D.S.
430 W. GASTON STREET
GREENSBORO, N. C.

EDITOR
I. B. BENDER, D.D.S.
1551 CHAMPLANT AVENUE
PHILADELPHIA, PA.

SECRETARY
JOHN F. BUCHER, D.D.S.
4825 WINTERHERRY LANE
BETHESDA, MARYLAND 20034



EDMUND G. BROWN
GOVERNOR

State of California
GOVERNOR'S OFFICE
SACRAMENTO



The American Association of Endodontists has made great strides in the development of knowledge, skills and techniques which make possible better dental health.

California government in partnership with the dental profession is making real progress toward extending the physical, social and economic benefits of dental health to all segments of our population.

It is with special pleasure that I welcome the American Association of Endodontists to California, and I send you my best wishes for a most successful and productive meeting.

A handwritten signature in cursive script that reads "Edmund G. Brown". The signature is written in dark ink and is positioned above a horizontal line.

EDMUND G. BROWN, Governor



OFFICE OF THE MAYOR
SAN FRANCISCO

JOHN F. SHELLEY

GREETINGS

On behalf of the people of San Francisco,
I extend a warm welcome to the American Association
of Endodontists.

We are pleased that you have selected San
Francisco for your 1966 Annual Scientific Session,
and hope that you will have time from your business
meetings to acquaint yourselves with our City and
the many facets of its personality which delights the
visitor.

I sincerely hope your meeting here is an
enjoyable and productive one, and that you will come
back to the City of St. Francis in the very near
future.

John F. Shelley
John F. Shelley
Mayor

PROGRAM

THURSDAY, APRIL 14

- 9:00 a.m. - 5:00 p.m. - French Parlor
ENDODONTIC RESEARCH SEMINAR
- 9:00 a.m. - 5:00 p.m. - Corridor and Regency Room - Thursday and Friday
To Pied Piper Room - Saturday and Sunday
SCIENTIFIC & COMMERCIAL EXHIBITS
- 5:00 p.m. - 7:00 p.m. - Ralston Room
SOCIAL HOUR - RECEPTION
PRE-MEETING REGISTRATION - Lobby (Corridor)

FRIDAY, APRIL 15

- 7:15 a.m. - California Room
ORIENTATION BREAKFAST FOR NEW MEMBERS
- 8:00 a.m. - Lobby (Corridor)
REGISTRATION
- 8:30 a.m. - 5:00 p.m. - Gold Ballroom
SCIENTIFIC SESSIONS
- A.M. Section Chairman:* John I. Ingle, D.D.S., M.S.D., Los Angeles, Calif.
- 8:30 a.m. - "HYPEREMIA AND PULPITIS - A HISTOLOGIC STUDY
ON 900 TEETH"
Stephen F. Dachi, D.M.D., M.S.D.
- 9:30 a.m. - REPORT OF THE REPLANTATION REGISTRY"
Louis I. Grossman, D.D.S., Dr. Med. Dent.
- 10:00 a.m. - "THE STATISTICAL CORRELATION OF ROOT CANAL
CULTURES WITH THE PROGNOSIS OF ENDODONTIC
TREATMENT"
Paul Vanek, D.D.S., M.S.
- 10:15 a.m. - "THE MYOFASCIAL TOOTH-ACHE"
Peter Simon, D.D.S.
- 10:45 a.m. - *Panel Discussion:* "MICROORGANISMS AND THE PULP
INVOLVED TOOTH"
Moderator: Harry Blechman, D.D.S., M.A.
"SOURCES AND TYPES OF MICROORGANISMS"
Mary C. Crowley, B.S., M.S.P.H.
"ROLE IN DISEASE PRODUCTION"
Calvin D. Torneck, D.D.S., M.S.
"CULTURE METHODS"
Irving J. Naidorf, D.D.S.
- 12:00 Noon - Rose Room
LUNCHEON WITH LEARNING

PROGRAM

P.M. Section Chairman: F. D. Ostrander, D.D.S., Ann Arbor, Michigan

2:00 p.m. — “CLINICAL TESTS FOR VITALITY AND THERMAL SENSITIVITY”

Stephen F. Dachi, D.M.D., M.S.D.

3:00 p.m. — *Panel Discussion:* “OBTURATION OF THE ROOT CANAL”

Moderator: Morris B. Auerbach, D.D.S.

“PROBLEMS AND OBJECTIVES OF ROOT CANAL OBTURATION”

Milton Siskin, D.D.S.

“METHODS AND FILLING MATERIAL: GUTTA PERCHA”

Edward E. Beveridge, D.D.S., M.S.D.

“METHODS AND FILLING MATERIAL: SILVER CONE”

Samuel S. Patterson, D.D.S.

SATURDAY, APRIL 16

RALSTON ROOM

A.M. Section Chairman: Joseph Obst, D.D.S., Brooklyn, New York

8:30 a.m. — “OPEN APEX MANAGEMENT”

R. A. Uchin, D.D.S.

9:00 a.m. — “THERAPY FOR THE DIVERGENT PULPLESS TOOTH”

A. L. Frank, D.D.S.

9:30 a.m. — “RECENT STUDIES OF PULP THERAPY AND CONSERVATION”

David F. Mitchell, D.D.S., Ph.D.

10:15 a.m. — “AVEOLAR BONE RESPONSE TO ROOT FILLING MATERIALS” (*Presented by John Cohen, D.D.S., M.S., Detroit, Mich.*)

*Frederick N. Garber, D.D.S., M.S.

10:30 a.m. — “PSYCHOLOGICAL SIGNIFICANCE OF THE TEETH”

Nathan Friedman, D.D.S.

11:15 a.m. — BUSINESS MEETING

12:00 Noon — Rose Room

LUNCHEON — Installation of Officers

P.M. Section Chairman: Michael Heuer, D.D.S., Chicago, Ill.

2:00 p.m. — “WORK SIMPLIFICATION METHODS AS RELATED TO ENDODONTIC PRACTICE”

Francis J. Conley, D.D.S.

2:30 p.m. — “AUTORADIOGRAPHIC TRACINGS UTILIZING Ca45 LABELED EDTA”

Marvin M. Stark, D.D.S.

3:00 p.m. — “HOW RELIABLE IS THE 48-HOUR ROOT CANAL CULTURE?”

R. Richard Ray, D.D.S.

3:15 p.m. — Concert Room

TABLE CLINICS

* *Deceased*

PROGRAM

SUNDAY, APRIL 17
RALSTON ROOM

A.M. Section Chairman: Samuel Seltzer, D.D.S., Philadelphia, Pa.

8:30 a.m. — “THE STRUCTURE OF BONE AND MECHANISM OF BONE HEALING”

William G. Shafer, D.D.S.

9:30 a.m. — *Pilot Study:* “TISSUE REACTION TO TEFLON AND ITS POSSIBLE USE AS A ROOT CANAL FILLING MATERIAL”

Harry R. Shepard, D.D.S.

10:00 a.m. — “HANDLING OF HIGH RISK PATIENTS”

Frank M. McCarthy, M.D., D.D.S., M.S.

10:45 a.m. — *Panel Discussion:* “THE INTEGRATION OF ENDODONTICS AND PERIODONTICS IN THE DENTAL PRACTICE”

Moderator: Dudley H. Glick, D.D.S.

“DIAGNOSIS AND EVALUATION OF THE COMBINED ENDODONTIC - PERIODONTIC PROBLEM”

Leonard Weiner, D.M.D.

“IMPROVEMENT OF THE CROWN-ROOT RATIO BY MEANS OF ENDODONTIC ENDOSSEOUS IMPLANTS”

Alfred L. Frank, D.D.S.

“UTILIZATION OF THE PERIODONTALLY INVOLVED AND ENDODONTIC SECTIONED TOOTH IN ORAL REHABILITATION”

Herbert Schilder, D.D.S.

Entertainment and Special Events

THURSDAY, APRIL 14, 1966

REGISTRATION — 5:00 p.m. - 7:00 p.m. — LOBBY

“NO HOST” COCKTAILS — 5:30 p.m. - 7:00 p.m. — RALSTON ROOM

SAN FRANCISCO AFTER DARK — 7:00 p.m. - 8:30 p.m.

DINNER IN CHINATOWN — 8:30 p.m.

FRIDAY, APRIL 15, 1966

ORIENTATION BREAKFAST — 7:15 a.m. - 8:15 a.m. — CALIF. ROOM

LUNCHEON WITH LEARNING — 12:00 - 2:15 p.m. — ROSE ROOM

*WINE TASTING — 5:30 p.m. — ROSE ROOM

PRIME RIB DINNER — 6:30 p.m. — GARDEN COURT

“THEATER IN THE ROUND” — 7:30 p.m. — SAN CARLOS

Smothers Bros. — Roger Williams

LADIES PROGRAM

9:30 a.m. - 3:30 p.m.

❖ GUIDED TOUR ❖ LUNCHEON ❖ SHOPPING

SATURDAY, APRIL 16, 1966

BUSINESS MEETING — 11:15 a.m. — RALSTON ROOM

LUNCHEON — 12:00 Noon — ROSE ROOM

— INSTALLATION OF OFFICERS —

TABLE CLINICS — 3:15 p.m. — CONCERT ROOM

LADIES PROGRAM

❖ BREAKFAST MEETING ❖ INSTALLATION OF OFFICERS

10:00 a.m. — ROLPH'S

❖ BROWSING ❖ SHOPPING ❖ SIGHTSEEING

— 11:30 a.m. - 3:00 p.m. —

❖ FISHERMAN'S WHARF ❖ GHIRARDELLI SQUARE ❖

**Our thanks to Buena Vista Vineyards, Berringer Bros., Inc., E. & J. Gallo Winery, Concannon Vinyard and Marin French Cheese Co. for producing the fine wines and Hors D'Oeuvres for this event.*



HENRY S. SCHMIDT
President



EDWIN C. VAN VALEY
Vice President



JOHN F. BUCHER
Secretary



JOHN DOWSON
Program Chairman



JOHN I. INGLE
President Elect



LUTHER H. BUTLER
Treasurer



I. B. BENDER
Editor



NGUYEN T. NGUYEN
General Arrangements Chairman

OFFICERS

HENRY S. SCHMIDT	.....	<i>President</i>
EDGAR D. COOLIDGE	.....	<i>Honorary President</i>
JOHN I. INGLE	.....	<i>President Elect</i>
EDWIN C. VAN VALEY	.....	<i>Vice President</i>
JOHN F. BUCHER	.....	<i>Secretary</i>
LUTHER H. BUTLER	.....	<i>Treasurer</i>
I. B. BENDER	.....	<i>Editor</i>
VINCENT B. MILAS	.....	<i>Historian</i>

EXECUTIVE COMMITTEE

1968

John Dowson — Dudley H. Glick — Warren J. Hedman

1967

Walter T. Colquitt — Herbert Schilder — James W. Bynum

1966

F. James Marshall — Jerre Rickles — R. C. McDavid
Immediate Past President — J. B. Freedland

AMERICAN BOARD OF ENDODONTICS

Ralph F. Sommer — *Chairman*

Louis I. Grossman — Harry J. Healey — John I. Ingle

Milton Siskin — Robert G. Kesel — Jacob B. Freedland — Laurance A. Lucas
George G. Stewart — *Secretary*

PAST PRESIDENTS

*W. Clyde Davis	.....1943	N. Weir Burkman	.....1954
Ralph F. Sommer	.....1944	Harry H. Healey	.....1955
Robert G. Kesel	.....1945	John R. Pear	.....1956
*E. G. Van Valey	.....1946	George C. Hare	.....1957
Maynard K. Hine	.....1947	George G. Stewart	.....1958
Louis I. Grossman	.....1948	J. Henry Kaiser	.....1959
*Elmer A. Jasper	.....1949	Paul P. Sherwood	.....1960
*Raymond L. Girardot	.....1950	Glenn R. Brooks	.....1961
*George G. Sharp	.....1951	Vincent B. Milas	.....1962
F. D. Ostrander	.....1952	James H. Sherard, Jr.	.....1963
L. A. Lucas	.....1953	J. B. Freedland	.....1964

* *Deceased*

HONORARY MEMBERS

Mary C. Crowley — Edgar D. Coolidge — Sir E. Wilfred Fish
Walter Hess — B. Nygaard Ostby

LIFE MEMBERS

A. Floyd Anderson — Guy P. Bannister — John D. Barab
Seth L. Barron — Max Gratzinger — O. C. High
H. H. Pearson — George W. Lorenz — Benjamin W. Meiman
A. L. Walters — R. T. Willey

Program Details

FRIDAY MORNING, APRIL 15, 1966

8:00 - 8:30 A.M. — REGISTRATION — LOBBY

8:30 - 9:30 A.M.

GOLD BALLROOM

A.M. Section Chairman: John I. Ingle, D.D.S., M.S.D., Los Angeles, Calif.

Essayist: Dachi, S. F. — D.M.D., M.S.D. University of Kentucky, College of Dentistry

Abstract: "HYPEREMIA AND PULPITIS — A HISTOLOGIC STUDY ON 900 TEETH"

Presents the findings on a recently completed study on 900 extracted teeth. There is new evidence that pulpal hyperemia can occur as a distinct entity without progressing to pulpitis. The implications of this study on the etiology, diagnosis and management of hyperemic teeth will be discussed. Findings on the pathology of partial pulpitis will also be discussed in relation to their significance to clinical symptoms and pulpal therapy.

9:30 - 10:00 A.M.

Essayist: Grossman, L. I. — D.D.S., Dr. Med. Dent. Director of the Division of Endodontics, University of Pennsylvania School of Medicine

Abstract: "REPORT OF THE REPLANTATION REGISTRY"

The Replantation Registry was established at the University of Pennsylvania in 1961 with the objective of determining the life expectancy of replanted teeth; whether differences in technique of treatment affect the survival rate; factors responsible for resorption when it occurs, and other variables. This presentation is a report on an evaluation of more than 50 cases.

10:00 - 10:15 A.M.

Essayist: Vanek, P. — D.D.S., M.S., University of Michigan School of Dentistry

Abstract: "THE STATISTICAL CORRELATION OF ROOT CANAL CULTURES WITH THE PROGNOSIS OF ENDODONTIC TREATMENT"

This clinical investigation, covering a period of 15 months, indicates that teeth with negative pre-filling cultures offer a better prognosis for healing than teeth obturated with positive pre-filling cultures.

10:15 - 10:45 A.M.

Essayist: Simon, P. — D.D.S., Ft. Worth, Texas

Abstract: "THE MYOFASCIAL TOOTH-ACHE"

The "myofascial tooth-ache" is a painful entity. It often wears the disguise of a painful pulpitis or apical periodontitis, and sometimes is passed off as psychic pain. Its existence is real and it occurs frequently, second only to painful diseases which owe their origin to the pulp.

10:45 - 12:00 NOON

Moderator: Blechman H. — D.D.S., M.A., New York University College of Dentistry.

Panel: Crowley, Miss M. — B.S., M.S.P.H., University of Michigan School of Dentistry; Torneck, C. D. — D.D.S., M.S., Toronto, Ontario, Canada; Naidorf, I. J. — D.D.S., Brooklyn, New York

Subject: "MICROORGANISMS AND THE PULP INVOLVED TOOTH"

Microorganisms play a significant role in the course and outcome of endodontic treatment. Our panelists will define this role by identifying the organisms principally responsible, by characterizing their pathogenicity, by defining pathways of infection, and by suggesting cultural procedures for their isolation.

12:00 - 2:00 P.M.

LUNCHEON WITH LEARNING - ROSE ROOM

1. Morris B. Auerbach - *Conducting an Office Limited to Endodontics*
2. I. B. Bender - *Preventive Endodontics*
3. Alfred L. Frank - *Therapy for the Divergent Pulpless Tooth for Continued Apical Formation*
4. Harold Gerstein - *Surgical Flaps and Sutures*
5. Dudley Glick - *"Pitfalls in Diagnosing Multirooted Endodontic Periodontic Lesions and/or Endodontic Aids"*
6. Louis I. Grossman - *"Immediate Replantation" and "Ask Me Another"*
7. Leo Grudin - *"Gutta-Percha and Its Uses"*
8. George C. Hare - *The Business Administration of an Endodontic Referral Office.*
9. Michael H. Heuer - *Endodontic Instruments and Instrumentation*
10. J. Henry Kaiser - *The Use of Cobalt Chromium Alloys in Endodontics*
11. Harold Maxmen - *Replantations*
12. Richard M. Moodnik - *Partnerships and Associations in Endodontics*
13. Nguyen T. Nguyen - *Artifistulation in the Management of Extensive Peri-apical Pathoses*
14. Seymour Oliet - *Endo-Perio Lesions*
15. Leonard Parris - *Profound Pulpal Anesthesia*
16. B. Z. Rabinowich - *Vitality in an Endodontic Problem*
17. Samuel Seltzer - *Endodontic Failures*
18. Calvin D. Torneck - *Factors Influencing Periapical Repair*
19. Robert A. Uchin - *Principles in Endodontic Surgery*
20. Bert Wolfsohn - *Let's Talk About Emergencies*
21. Bernard J. Zeldow - *Variations in Endodontic Access*

FRIDAY AFTERNOON, APRIL 15, 1966

2:00 - 3:00 P.M.

GOLD BALLROOM

P.M. Section Chairman: F. D. Ostrander, D.D.S., Ann Arbor, Michigan

Essayist: Dachi, S. F. - D.M.D., M.S.D., University of Kentucky, College of Dentistry

Abstract: "CLINICAL TESTS FOR VITALITY AND THERMAL SENSITIVITY"

A discussion of controlled clinical studies designed to improve the accuracy of diagnostic tests for dental pain. A standardized thermal test for cold sensitivity is presented. Improved methods of vitality testing as a result of the clinical and histologic studies will also be discussed.

3:00 - 5:00 P.M.

Moderator: Auerbach, M.B. - D.D.S., New York, New York

Panel: Siskin, M. - D.D.S., University of Tennessee, College of Dentistry;
Beveridge, E. E. - D.D.S., M.S.D., University of Southern California,
School of Dentistry; Patterson, S. S. - D.D.S., Indianapolis, Indiana.

Subject: "OBTURATION OF THE ROOT CANAL"

While there are a number of factors which are important to successful endodontic treatment, the culminating procedure is the obturation of the root canal. The panel will approach this subject from four standpoints: (1) the objectives of obturation, (2) the materials which are available - their evaluation and indications for their use, (3) the methods of employing these materials, (4) the problems that exist - those under investigation and those that require investigation.

SATURDAY MORNING, APRIL 16, 1966

8:30 - 9:00 A.M.

RALSTON ROOM

A.M. Section Chairman: Joseph Obst, D.D.S., Brooklyn, New York

Essayist: Uchin, R. A., D.D.S., Fort Lauderdale, Florida

Abstract: "OPEN APEX MANAGEMENT"

The Southern Endodontic Study Group has entered into a research project following the guide lines as suggested by Dr. B. Nygaard Ostby's "The Role of the Blood Clot in Endodontic Therapy" on open apex cases. A preliminary report is given showing that in six months or more, apical growth and root closure can be expected.

9:00 - 9:30 A.M.

Essayist: Frank, A. L., D.D.S., Los Angeles, California

Abstract: "THERAPY FOR THE DIVERGENT PULPLESS TOOTH"

Successful endodontic treatment requires that the apex of the tooth be completely sealed. The course of therapy presented for a divergent tooth is based on the normal physiologic pattern of root development and brings about the resumption of apical development so that the root canal can be obliterated by conventional lateral condensation filling technics. The use of this course of therapy is illustrated with clinical case histories.

9:30 - 10:15 A.M.

Essayist: Mitchell, D. F. — D.D.S., Ph.D., Indiana University, School of Dentistry

Abstract: "RECENT STUDIES OF PULP THERAPY AND CONSERVATION"

A presentation of studies, made in collaboration with other investigators, which have been completed recently or are in progress.

Diagnosis: Tetracycline and other intrinsic stains of the teeth. The relationship between periodontal disease and auxiliary canals and pulpitis. The relationship between periodontal disease, age, and the status of the pulp. Calcific metamorphosis of the pulp. The dental pulp hemogram.

Therapy: Corticoid and antibiotic mixtures used in pulp capping of teeth with painful pulpitis. Formocresol and calcium hydroxide therapy after coronal pulpotomy. The effects of certain filling materials on the dental pulp.

10:15 - 10:30 A.M.

Essayist: *Garber, F. N. — D.D.S., M.S., Detroit, Michigan

Abstract: "ALVEOLAR BONE RESPONSE TO ROOT FILLING MATERIALS" (Presented by John Cohen, D.D.S., M.S., Detroit, Mich.)

Several studies have been made to determine the reaction of tissues to various root filling materials, but almost invariably these have been done in soft tissue or in long bones. Since the periapical alveolar tissue must tolerate these materials, it is important that the reaction in this tissue be studied.

Two materials (silver amalgam and a zinc oxide-eugenol type root canal sealer) were placed in prepared cavities in the maxillary alveolar bone of 26 rats. The contralateral side was prepared in the same manner but no material placed, so that each animal served as its own control.

At ten weeks post-operatively the animals were sacrificed and examined clinically, radiographically, and histologically to determine the reaction of the tissues to the filling materials.

10:30 - 11:15 A.M.

Essayist: Friedman, N. — D.D.S., Beverly Hills, California

Abstract: "PSYCHOLOGICAL SIGNIFICANCE OF THE TEETH"

The endodontist is dedicated to the preservation of the natural teeth, and sometimes employs heroic measures to salvage one tooth. Unconsciously, as well as consciously, he recognizes the profound values inherent in the natural teeth and the largesse he bestows on his patients by staving off the defeat of tooth loss.

In this paper the conscious and unconscious representations of teeth (psychological significance) to people will be explored. This knowledge will point up the importance of the endodontist to that segment of society that demands of the dental profession that the natural teeth be preserved.

* Deceased

10. Title: TECHNIQUES FOR SPECIAL SITUATIONS
 Author: Adrian J. Sampeck, D.D.S., M.S.
 City: Dallas, Texas
 Resume: Endodontists should have available in their armentarium techniques which are adjustable to meet each situation. Extremely curved canals are the most difficult problem the operator encounters, so a technique will be suggested to meet and solve this problem.
11. Title: ANOMALIES IN ENDODONTICS
 Author: Marvin N. Forman, D.D.S.
 City: Cleveland, Ohio
 Resume: 1. Teeth with extra canals or roots
 a. 4 - rooted molars
 b. 2 canaled cuspid
 2. Pulp Stones - Calcifications
 a. Posteriors - colored slide of stone
 b. Anteriors
 3. Dens en Dente
 a. Before, during, and 6 months to 5 year checkups
12. Title: FAILURES DUE TO UNANTICIPATED PROBLEMS
 Author: Irving H. Sinai, D.D.S.
 City: New Brunswick, N. J.
 Resume: The clinic will consist of cases which failed to respond satisfactorily to routine endodontic treatment for no obvious reason. Histologic and clinical material will be presented to demonstrate the unusual cause of disability in these instances.
13. Title: ENDODONTIC SURGICAL INTERVENTION ON MOLARS
 Author: Harold A. Maxmen, D.D.S.
 City: Detroit, Michigan
 Resume: Treatment of many strategically placed molars requiring endodontic therapy may be unsuccessful if a conventional method is applied. They can, however, very often be saved, if root canal therapy is augmented by surgical interventions.
 Indications, technics for specific cases, and follow ups will be shown of examples of periodontally involved molars, fractures, curved roots, internal resorption of roots, etc.
14. Title: FLAP DESIGN
 Author: Robert A. Uchin, D.D.S.
 City: Fort Lauderdale, Florida
 Resume: There are many different designs to the flap for a surgical endodontic procedure. Anatomic considerations usually dictate the type of flap to be employed. These considerations and other factors will be illustrated and discussed as part of the presentation.
15. Title: MANAGEMENT OF THE APPREHENSIVE PATIENT
 Author: William S. Andrus, D.D.S.
 City: Washington, D. C.
 Resume: Many patients requiring endodontic surgery are very apprehensive, however, with the modern drugs and techniques available to the dentist, apprehension can be controlled easily. The intravenous technique of preoperative sedation will be discussed and demonstrated.
16. Title: OPERATING ROOM FILM PROCESSING
 Author: Edward E. Beveridge
 City: Los Angeles, California
 Resume: The table clinic presents a method for the rapid processing of endodontic "working" roentgenograms. A flexible light-tight cover to process chair side film at 92°F in 60 seconds will be shown .

17. Title: STREAMLINED ENDODONTIC LABORATORY TEACHING
Authors: Nguyen T. Nguyen
Michael Sapone
City: San Francisco
Resume: Today's overcrowded dental curriculum demands strict economy of time, money, materials, and personnel. An endodontic laboratory training course for undergraduates slanted towards success of these objectives will be presented.

SUNDAY MORNING, APRIL 17, 1966

8:30 - 9:30 A.M.

RALSTON ROOM

A.M. Section Chairman: Samuel Seltzer, D.D.S., Philadelphia, Pa.

Essayist: Shafer, W. G. — D.D.S., Indiana University, School of Dentistry

Abstract: "THE STRUCTURE OF BONE AND MECHANISM OF BONE HEALING"

A complete understanding of the microstructure and ultrastructure of bone as well as the biophysical and biochemical factors involved in the mechanism of bone healing is essential for all persons performing surgical or mechanical procedures on this tissue. A review of our current knowledge of bone physiology will be presented, together with the dynamics of bone wound healing with particular reference to endodontic procedures and endodontic practice. Factors which may modify this process will also be considered.

9:30 - 10:00 A.M.

Essayist: Shepard, H. R. — D.D.S., Lincolnwood, Illinois

Abstract: Pilot Study — "TISSUE REACTION TO TEFLON AND ITS POSSIBLE USE AS A ROOT CANAL FILLING MATERIAL"

The basic qualities of teflon led to the assumption that it would prove to be an excellent material for the filling of the root canals of human teeth in place of gutta percha or silver cones.

A piece of teflon, specially prepared to render it radiopaque, was embedded in the superior aspect of the mandible of rabbits, along with a piece of gutta percha and silver cone, in separated areas. The animals were sacrificed at intervals and histological sections prepared.

This report compares the tissue reactions of the specially prepared teflon with gutta percha and silver cones.

10:00 - 10:45 P.M.

Essayist: McCarthy, F. M. — M.D., D.D.S., M.S., Los Angeles,, California

Abstract: "HANDLING OF HIGH RISK PATIENTS"

Common high risk cardiac problems will be reviewed from the standpoint of prevention, prophylactic measures in the office, and treatment. Heart failure, angina pectoris, coronary thrombosis, and other acute emergencies will be covered.

10:45 - 12:00 NOON

Moderator: Glick, D. H. — D.D.S., Beverly Hills, California

Panel: Weiner, L. — D.M.D., Tucson, Arizona; Frank, A. L. — D.D.S., Los Angeles, California; Schilder, H. — D.D.S., Boston, Massachusetts

Subject: "THE INTEGRATION OF ENDODONTICS AND PERIODONTICS IN THE DENTAL PRACTICE"

The panel will discuss the related problems of endodontics and periodontics in both diagnosis and treatment. Pitfalls and errors in handling the combined problem will be outlined, and technics of individual stabilization and various methods of employing sectioned teeth in reconstructive procedures will be presented.

Biographical Sketches of Speakers

Dr. Stephen F. Dachi

Dr. Dachi is an Associate Professor and Chairman of the Department of Oral Diagnosis and Oral Medicine at the University of Kentucky, College of Dentistry. He received his dental degree from the University of Oregon and his M.S.D. in Oral Pathology from Indiana University.

He is a diplomate of the American Board of Oral Pathology and a member of various national and international dental societies. Dr. Dachi only recently completed a tour of duty on the S.S. HOPE in the Republic of Guinea.

Dr. Louis I. Grossman

Dr. Grossman needs no introduction to anyone associated with endodontics. A Past President of the American Association of Endodontists, a member of the American Board of Endodontics, the Director of the Division of Endodontics in the School of Medicine at the University of Pennsylvania, he is the author of textbooks and articles too numerous to mention, and has presented clinics throughout the world.

Dr. Paul Vanek

Dr. Vanek received his A.B. degree from the University of Toronto in 1959 and his D.D.S. in 1963 from the same university. Just recently he earned an M.S. from the University of Michigan and currently is an Assistant Professor at the University of Michigan and in private practice, both activities in the field of endodontics.

Dr. Peter Simon

Dr. Simon is a graduate of Baylor Dental College, and a member of the American Association of Endodontists, American Academy of Oral Roentgenology, the Southwest Society of Endodontists, as well as the A.D.A. and its component societies. He has lectured widely in this and other countries and is known for his sincere and enthusiastic dedication to dentistry.

Dr. Harry Blechman

Dr. Blechman is a Professor and Chairman of the Department of Microbiology and Assistant Dean at New York University, College of Dentistry, a fellow of the American College of Dentists and a member of several research societies and of the National Board of Dental Examiners.

Professor Mary C. Crowley

Miss Crowley is a Professor of Dentistry (Microbiology) at the University of Michigan, and a member of various research so-

cieties as well as an Honorary member of the American Association of Endodontists and the Michigan State Dental Society. She is the author of many articles in the field of Bacteriology and a co-author of a textbook on Endodontics.

Dr. Irving J. Naidorf

Born in Brooklyn, Dr. Naidorf received his B.A. from New York University and his D.D.S. from Columbia. He served in the Army from 1942-1946, after which he returned to the private practice of dentistry, limited to endodontics.

An author of articles on endodontics and bacteriology, he is also a contributing author in "Pharmacotherapeutics of Oral Diseases." An Associate Editor of the Journal of Oral Therapeutics and Pharmacology, he is also an Assistant Clinical Professor of Dentistry (Endodontics) and the Head of the Microbiology Section of the School of Dental Hygiene at Columbia University and a consultant to the Montrose V.A.

Dr. Calvin D. Torneck

Dr. Torneck received his D.D.S. from the University of Toronto and his M.S. from the University of Michigan, and at the present time is a Research Associate in Endodontics at the University of Toronto, School of Dentistry. He is President-Elect of the Canadian Academy of Endodontics, a member of the Council on Research of the Canadian Dental Association, and attending consultant in Endodontics at Mt. Sinai Hospital.

Dr. Torneck is a member of the American Association of Endodontists and last year was Program Co-Chairman.

Dr. Morris B. Auerbach

Dr. Auerbach is a charter member of the American Association of Endodontists, a diplomate of the American Board of Endodontics, and a fellow of the American College of Dentists.

He is a Professor of Endodontia and Chairman Department of Endodontia at New York University, College of Dentistry.

Dr. Milton Siskin

Dr. Siskin received his B.A. and D.D.S. from the University of Tennessee, where he is now a Professor of Dentistry. A member of the American Board of Endodontics he is a prolific contributor to dental literature as well as a consulting and guest editor.

A member, fellow, and diplomate of organizations, too numerous to mention, Dr. Siskin is also listed in American Men & Science, Leaders in American Science, and Who's Who in the South and Southwest.

Dr. Edward E. Beveridge

Dr. Beveridge attended Montana State University and received his D.D.S. and M.S.D. from the University of Washington. He is a member of the Editorial Board of the American Association of Endodontists, and the recipient of a Certificate of Merit from the American Academy of Dental Medicine.

A former research fellow and senior dental surgeon at the Nation Institute of Health, Dr. Beveridge at present is an Assistant Professor and Chairman of the Department of Endodontics at the University of Southern California, and has lectured to many local, national and international dental societies.

Dr. Samuel S. Patterson

Dr. Patterson received his D.D.S. and M.S.D. from Indiana University, where he is now an Associate Professor of Endodontics as well as being engaged in private practice.

He is the author of articles in the field of endodontics and is listed in American Men of Science. Dr. Patterson is the Librarian for the American Association of Endodontists.

Dr. David F. Mitchell

Dr. Mitchell is the author of more than 70 articles, as well as book reviews and abstracts. He is a diplomate of the American Board of Oral Pathology and a former editor and past-president of the American Academy of Oral Pathology.

Listed in American Dental Leaders, Who's Who in American Dentistry, American Men of Science, and Leaders in American Science, he is a member of numerous professional organizations and a consultant to many institutions.

Dr. Mitchell received his B.S. and D.D.S. from the University of Illinois and his Ph.D. from the University of Rochester School of Medicine and Dentistry. He served on the faculty of the University of Rochester and University of Minnesota, and at the present time is a professor and Chairman of the Department of Oral Diagnosis at Indiana University.

Dr. Frederick N. Garber

Dr. Garber is an Assistant Professor and Research Associate at the University of Detroit and is the author of several articles.

He received his B.S. from the University of Detroit, and a D.D.S. and M.S. from the University of Michigan where he formerly served on the staff in the Department of Endodontics. In addition to his teaching and research, Dr. Garber is in private practice limited to endodontics.

Dr. Nathan Friedman

Dr. Friedman is a diplomate of the American Board of Periodontology, a member of

the American Academy of Periodontology, a Past-President of the Western Society of Periodontology, and the author of papers published in national, state, and local journals, and in Australia.

He is a graduate of Northwestern University, School of Dentistry, and was engaged in private practice for many years before attending Columbia University, School of Dentistry for graduate work in periodontology.

In addition to his teaching duties as an Associate Professor of Periodontology and Oral Pathology at the School of Dentistry, University of Southern California, and on the postgraduate faculties of the Universities of California, Oregon, Washington, and Pennsylvania, Dr. Friedman enjoys a practice, limited to periodontics, in Beverly Hills.

Dr. Francis J. Conley

Dr. Conley has presented papers and clinics before local, state, and national meetings on various phases of endodontic practice. He is a charter member of the Southern California Academy of Endodontics and a member of the American Association of Endodontics.

Dr. Conley is the Director of the Division of Postgraduate Instruction and the Program Director of the Dental Assistants Utilization of Services Program of the University of Southern California, and a member of the National Advisory Committee on Dental Student Training.

Dr. Marvin M. Stark

Dr. Stark received his A.B. (Microbiology) and D.D.S. from the University of California and studied at Harvard University on a post-doctoral research fellowship. He is a member of the International Association for Dental Research, Omicron Kappa Upsilon, and a fellow of the American College of Dentists.

At the present time, Dr. Stark is an Associate Professor of Operative Dentistry and Oral Biology at the School of Dentistry and a lecturer in Microbiology at the School of Medicine, University of California Medical Center in San Francisco.

Dr. R. Richard Ray

Dr. Ray is a Senior staff dentist at Henry Ford Hospital in Detroit. After receiving his D.D.S. from the University of Michigan he served a tour of duty in the U.S. Navy and then returned to Michigan to earn an M.S. in Endodontics and Radiology in 1964. He is a member of the American Association of Endodontists, Michigan Association of Endodontists, and the endodontic section of the Detroit Dental Clinic Club, as well as the various component societies.

Dr. William G. Shafer

Dr. Shafer is a diplomate of the American Board of Oral Pathology, which he serves as Secretary-Treasurer, a Past-President of the American Academy of Oral Pathology, several other professional organizations, the author of a textbook of Oral Pathology and has published more than 90 articles in various medical and dental journals.

He received his B.S. from the University of Toledo, a D.D.S. from Ohio State University, and an M.S. from the University of Rochester Graduate School. At the present time Dr. Shafer is Professor and Chairman Department of Oral Pathology at Indiana University, School of Dentistry, and a consultant in Oral Pathology for the Veterans Administration in Indianapolis and to the Surgeon General of the U.S. Air Force.

Dr. Harry R. Shepard

Dr. Shepard is an Associate Professor in the Department of Endodontics at the University of Illinois, College of Dentistry, and also enjoys a private practice privilege. He earned a B.S. and D.D.S. from the institution he now serves.

Dr. Frank M. McCarthy

Dr. McCarthy, M.S., M.D., D.D.S., Sc.D., comes as a highly competent authority in his field. He is the Course Director, Sedation and Emergencies in the Postgraduate Division in the University of Southern California, School of Dentistry, and Director of the U.S.C. Anesthesia Service, Dental Section, in Los Angeles County Hospital, and consulting editor of the Symposium on Treatment of Emergencies in Dental Practice, Dental Clinics of North America November 1965.

Dr. Dudley H. Glick

Dr. Glick has participated in many clinics and presented lectures throughout this country and abroad. He is active in numerous professional organizations and is a former Program Chairman of the American Association of Endodontists. He is associated with the School of Dentistry, University of Southern California, and engaged in private practice.

Dr. Leonard Weiner

Dr. Weiner is a diplomate of the American Board of Periodontology, a Charter

Member of the American Society of Periodontists, a member of the American Academy of Periodontology, the American Association of Endodontists, and other professional organizations.

The author of numerous articles, he has presented clinics and lectured to state and national groups throughout this country and abroad.

Dr. Weiner received his A.B. from Yale, a D.M.D. from Harvard, and served an internship at St. Francis Hospital in Hartford, Connecticut. He is engaged in private practice in Tucson, Arizona.

Dr. Alfred L. Frank

Dr. Frank is well known to our members, having presented papers and clinics before our organization on previous occasions. He is an Assistant Professor in the Department of Endodontics, School of Dentistry, University of Southern California, a Diplomate of the American Board of Endodontics and a Fellow of the American Association of Endodontists.

Dr. Frank is a contributor to the literature. He is engaged in private practice limited to endodontics in Los Angeles, Calif.

Dr. Herbert Schilder

Dr. Schilder is active as a member and officer of numerous professional organizations and a contributor to the literature, as well as an active clinician and essayist.

He is an Associate Professor and Chairman of the Department of Endodontics, Graduate School of Dentistry, Boston University, and Head of the Endodontic Section in University Hospital, Boston University Medical Center and in the Riesman Dental Clinic, Beth Israel Hospital, Boston.

Dr. Robert Uchin

Dr. Robert Uchin graduated from Temple University School of Dentistry in 1957. He is Co-Chairman of the Endodontic Section, Dade County Medical Research Clinic, and a Post Graduate Instructor at Temple University from 1960 until the present time, as well as a visiting Post Graduate Instructor at Emory University School of Dentistry in September of 1965. Dr. Uchin is a Fellow of the American Association of Endodontists. He carries a practice limited to Endodontics in Fort Lauderdale, Florida.

AAE Working Committees

Nominating

Vincent B. Milas, *Chairman*
James H. Sherard, Jr.
J. B. Freedland

Budget and Finance

James H. Sherard, Jr. *Chairman*
Thomas C. Starshak
John I. Ingle
J. Henry Kaiser
Luther H. Butler

Audit

T. C. Starshak, *Chairman*
John I. Ingle

Ethics

Warren J. Hedman, *Chairman*
Joseph H. Merrell, *Co-Chairman*
James W. Bynum
M. B. Auerbach
J. Henry Kaiser
Robert G. Kesel
Dudley H. Glick
Charles A. Scott, Jr.

Long Range Planning

N. Weir Burkman, *Chairman*
Harry J. Healey
George C. Hare
J. B. Freedland
Walter T. Colquitt

Sub-Committee to

Evaluate Committees

Robert A. Uchin, *Chairman*
Herbert Schilder
Joseph J. Obst
John Dowson
Joseph M. Leavitt

Site Selection

Joseph J. Obst, *Chairman*
Dudley H. Glick
Charles A. Scott, Jr.
Samuel S. Patterson
Edwin C. Van Valey
James W. Bynum

Construction

Glenn R. Brooks, *Chairman*
John R. Pear
N. Weir Burkman

Necrology

Vincent B. Milas, *Chairman*
Leo Crudin
Alex Dinin
Raymond L. Hayes

Research

Milton Siskin, *Chairman*
John I. Ingle, *Co-Chairman*

Committee on
Standardization of Instruments
Charles E. Rudolph, Jr., *Co-Chairman*

Committee on
Consultation with Manufacturers

Louis I. Grossman
Michael A. Heuer
John F. Bucher
Robert J. Shankle
Frank T. Wais
William H. Clem

Nomenclature

Charles G. Maurice, *Chairman*
Samuel Seltzer
Calvin D. Torneck
E. James Best
James W. Bynum
Milton Siskin
Richard M. Moodnik
Murray A. Ziontz
Edward E. Beveridge
Edward N. Green

Endowment and Memorial Fund

J. B. Freedland, *Chairman*
George G. Stewart
John R. Pear
William J. Walker

Fellowship

Ralph F. Sommer, *Chairman*
James H. Sherard, Jr., *Secretary*
George C. Hare
Bertram L. Wolfsohn
Harry J. Healey
Maynard K. Hine
Robert G. Kesel
John R. Pear
Thomas C. Starshak
George G. Stewart

Editorial Board

I. B. Bender, *Chairman*
Louis I. Grossman
Harry Blechman
Calvin D. Torneck
Eugene Natkin
Edward E. Beveridge
Garth A. James
Victor H. Dietz

Publication

Harry J. Healey, *Chairman*
Joseph H. Merrell
Robert M. Krasny
James Cuttuso
Worth B. Gregory, Jr.
Daniel Arefian
Ben Seidler
Arthur I. Arshawsky

Library

Samuel S. Patterson, *Chairman*
Thomas L. Higginbotham
Donald E. Arens
James W. Diffley
Joseph A. Rocco
Thomas P. Mullaney
Franklin S. Weine
Margarita Muruzabal
Calvin D. Torneck

Student Awards

Andrew E. Michanowicz, *Chairman*
Alfred L. Frank, *Co-Chairman*
Daniel Goodman
Leonard N. Parris
F. James Marshall
Leonard A. Sedell
Henry A. Bartels
John O. Michanowicz

Study Club . .

Joseph H. Merrell, *Chairman*
Walter T. Colquitt, *Co-Chairman*
Harold M. Rappaport
Howard B. Moshman
Cyril Gaum
Grietje Christian
Hyman R. Baer
Michael A. Heuer
J. E. G. Harrison
E. H. Ehrmann
George Schugar
Jose V. Oynick
R. Richard Ray

Membership

Orren A. Bolt, *Chairman*
Charles A. Scott, Jr., *Advisor*
William R. Bazler
Frank J. Gruchalla
Jerre A. Rickles
Grietje Christian
Irving J. Naidorf
Seymour Oliet
R. Pierre Dow
F. James Marshall
Harold Gerstein
Eugene S. Dorion
L. Irving Epstein
R. C. McDavid, Jr.
Oscar A. Maisto
Edwin C. Van Valey

Program

John Dowson, *Chairman*
Nguyen T. Nguyen
Harry Blechman
Michael A. Heuer
Robert J. Shankle
Dudley H. Glick
Samuel S. Patterson
F. D. Ostrander
Herbert Schilder
Frederick N. Garber
Gerald C. Dietz
R. Richard Ray

General Arrangements

Nguyen T. Nguyen, *Chairman*
Bertram L. Wolfsohn, *Co-Chairman*
Jack A. Weichman, *Advisor*
James W. Bynum
Jesse A. Mitchell, Jr.
Sebastian J. Greco
Ernest J. Webb
Ramon S. Wilcox
Leo Grudin
Sanford S. Golden
John Sapone
Philip J. Epstein
Irving Naimark

Registration

Sebastian J. Greco, *Chairman*
Samuel Silverman, *Advisor*
Robert M. Krasny
Patrick J. Ferrillo
Donald E. Allen
Alvin T. Levy
Marvin N. Forman
Richard C. Burns
William S. Mitchell

Ushers and Monitors

Ernest J. Webb, *Chairman*
Frederick N. Garber, *Advisor*
John F. Vaughn
Frank J. Gruchalla
Richard S. Woodcock
J. Dexter McKenzie
Frederick Q. Wong
Richard C. Burns
Michael L. Sapone

Program Recording

Richard M. Moodnik, *Chairman*
Robert A. Uchin, *Tapes*
Lynn B. Crookston
Michael I. Kalman
David E. Snyder
Cyril Gaum
Ramon S. Wilcox

Equipment

John Sapone, *Chairman*
Gerald C. Dietz, *Advisor*
Ramon S. Wilcox
Marvin M. Stark
Jack A. Weichman
Adolph Bushell

Projection and Sound

John Sapone, *Chairman*
Gerald C. Dietz, *Advisor*
Donald P. Redfern
Hugh Berry
Thomas L. Higginbotham
John S. Uniat

Reception

Leo Grudin, *Chairman*
Grietje Christian
Lester E. Breese
Paul K. Hill
George B. Travers
Bertram L. Wolfsohn

Luncheons

Phillip J. Epstein, *Chairman*
Dudley H. Glick
Alfred L. Frank
William Loran
Edwin B. Nutting
Clifford Ames

Scientific Exhibits

R. Richard Ray, *Chairman*
Adrian J. Sampeck
Samuel R. Rossman
Bernard Z. Rabinowitch
C. E. Rudolph, Jr.
Calvin D. Torneck
Ray Wilcox

Commercial Exhibits

Worth B. Gregory, Jr., *Chairman*
Charles R. Amen
Harold H. Epstein

Host

Irving Naimark, *Chairman*
Ronald E. Buell
Edwin B. Brown
James V. Pianfetti
Richard C. McKenna

Scientific Exhibits

CORRIDOR – THURSDAY & FRIDAY

PIED PIPER – SATURDAY & SUNDAY

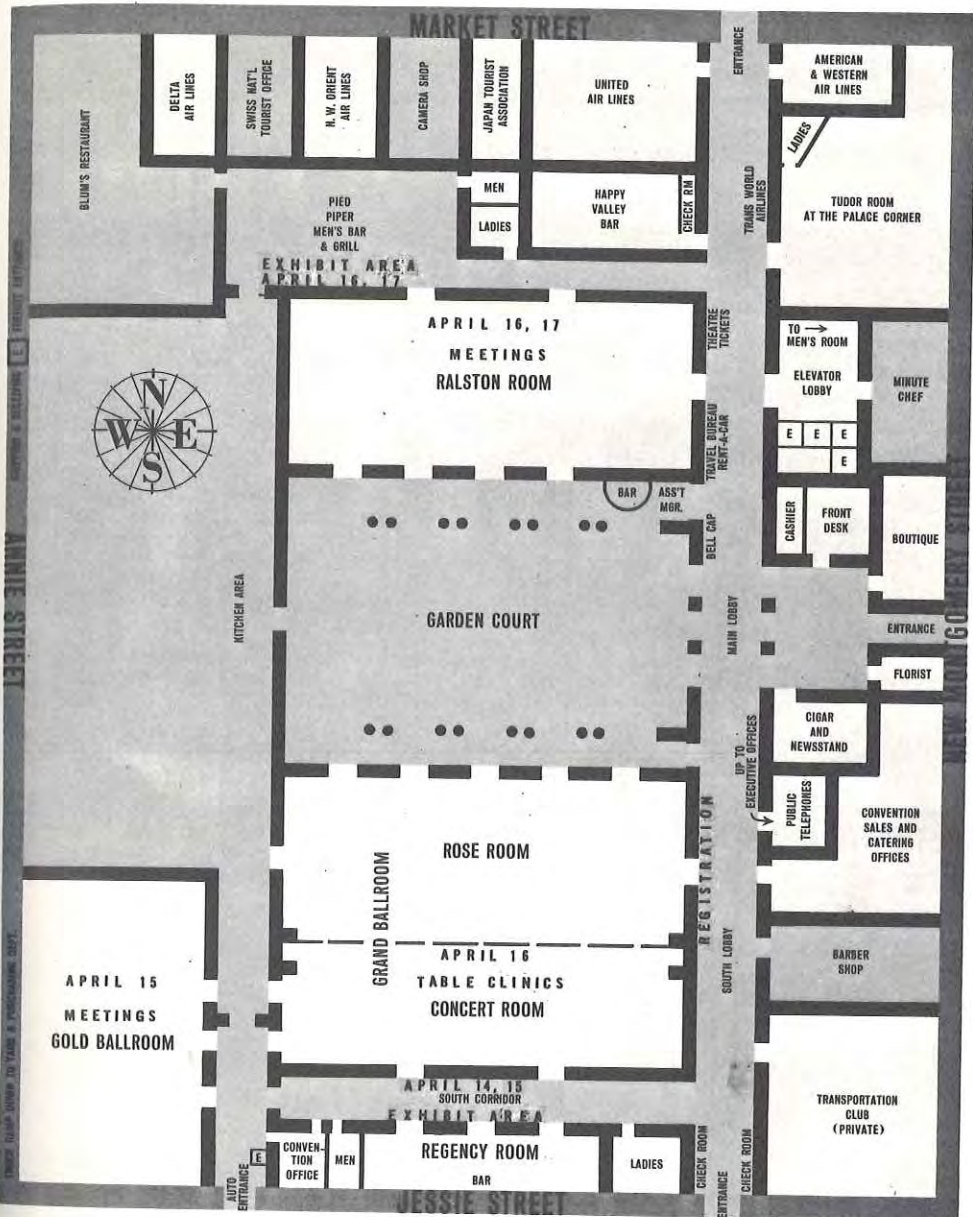
1. INDUCTION OF ROOT CLOSURE IN YOUNG PULPLESS TEETH.
Dr. James C. Steiner and Dr. Gerald M. Cathey
2. THE USE OF A TYPODONT IN THE TEACHING OF ENDODONTICS.
Dr. John Dowson and Dr. Paul M. Vanek
3. ALVEOLAR BONE REACTION TO ROOT FILLING MATERIALS.
Dr. Frederick N. Garber and Dr. Elmer C. Lang
4. THE BIOLOGIC EFFECTS OF OPERATIVE PROCEDURES.
Dr. Kaare Langeland
5. HOT GUTTA PERCHA TECHNIQUE.
Dr. Herbert Schilder and Dr. Harold Levin
6. AUTORADIOGRAPHIC TRACINGS UTILIZING CA₄₅ LABELED
ETHYLENE DIAMINE TETRA ACETIC ACID.
Dr. Marvin M. Stark
7. THE APPLICATION OF ENDODONTICS TO GENERAL PRACTICE.
Endodontic Section – Detroit Dental Clinic Club

Suppliers Exhibits

REGENCY ROOM & CORRIDOR – THURSDAY & FRIDAY

PIED PIPER ROOM – SATURDAY AND SUNDAY

<i>Company</i>	<i>Booth Number</i>
Premier Dental Products Co.	2
Pulpdent Corp. of America	3
J. B. Lippencott Company	4
Lester A. Dine Inc.	5
Star Dental Manufacturing Co.	6
Charles C. Schwed Company	8
Union Broach Company Inc.	9
Mynol Chemical Company	10
Kerr Manufacturing Company	11



NOTES

NOTES

NOTES

Eating Adventures

AMERICAN FOOD

CLIFF HOUSE: 1090 Point Lobos. (SKyline 1-7220): Open from 9 a.m. to 9:30 p.m. Sunday breakfast at the Cliff House is a San Francisco tradition. Features a world-famous view of Seal Rocks. Prices are a little high for the food served but the view is worth the price.

GRISON'S CHICKEN HOUSE: 2050 Van Ness Avenue. (TUxedo 5-2050): Closed Mondays. Open from 4:30 p.m. to 11 p.m. "Glorifying the American chicken." Dinner from \$3.50.

GRISON'S STEAK HOUSE: Just across the street at Van Ness Avenue and Pacific Street. The best in steaks. Highly recommended. Closed Mondays. Dinner from \$4.10.

LE CREOLE GUMBO SHOP: 1809 Union Street. (WAlnut 1-1132): Open 12 noon to 2 p.m. for lunch, 6 p.m. to 10 p.m. for dinner. Closed Sundays. New Orleans food with atmosphere to match. Moderate prices.

ARMENIAN

CAIRO: 77 4th Street. (SUtter 1-6819): Open 5 p.m. to 9 p.m. Authentic Armenian food, most reasonable prices. Closed Sundays.

OMAR KHAYYAM'S: 196 O'Farrell Street. (SUtter 1-1010): Open daily from 4 p.m. to midnight. Dinner from \$4.00. Much more than a loaf of bread and a jug of wine here. Nationally recognized.

CHINESE

FOUR SEAS: 731 Grant Avenue. (EXbrook 7-5577): Open Monday through Friday 12 noon to 12 midnight. Saturday, Sunday, holidays 5 p.m. to 12 midnight. Featuring authentic cuisine from all provinces of China. Rather expensive.

SUN HUNG HEUNG: 744 Washington Street. (YUkon 2-2319): Open 11:30 a.m. to 2:45 a.m. Closed Tuesdays. Family style dinner. Authentic Chinese food. Moderate prices.

TAO TAO: 675 Jackson Street. (YUkon 2-6125): Good substantial Chinese food. Specialties are bird's nest soup, shark fin soup, almond duck or Peking duck. Moderate prices. Closed Thursdays. Open 4 p.m. to 2 a.m.

ASTRONOMICAL ATMOSPHERE

ALEXIS: 1001 California Street. (TUxedo 5-6400): Closed Sundays and Mondays. Superlative international cuisine. Prices to match.

AMELIO'S: 1630 Powell Street. (SUtter 1-9643): Open daily from 5:30 p.m. to 11:30 p.m. Dinner, \$5.75 up.

BLUE FOX: 659 Merchant Street. (YUkon 1-1177): This famous restaurant happens to be across an alley from the city morgue. It also happens to serve about the best and most expensive food in San Francisco. Try, for instance, the tenderloin en brochette with wild rice. Open daily 6 p.m. to 11 p.m.

ERNIE'S: 847 Montgomery Street. (EXbrook 7-5969): Open daily from 5:30 p.m. to 11 p.m. **RESERVATIONS RECOMMENDED.** Elegant atmosphere and prices to match. Wear your best bib and tucker!

JACK'S: 615 Sacramento Street. (GARfield 1-9854): Open 11:30 a.m. Dinner at \$6.00. Also a la carte.

ENGLISH

HOUSE OF PRIME RIB: 1906 Van Ness Avenue. (TUxedo 5-4605): Open daily from 5:15 p.m. to 11 p.m. Dinners from \$4.45.

THE COACHMAN: 1057 Powell Street. (EXbrook 2-9903): Open 7 days a week 5:30 p.m. to 10:30 p.m. An English restaurant. Specialties are steak and kidney pie and English mixed grill.

FRENCH

FLEUR DE LYS: 777 Sutter Street. (ORDway 3-7779): Open from 5:30 p.m. to 12 midnight. Superb French cuisine, vintage wines. Expensive.

LA BOURGOGNE: 320 Mason Street. (DOuglas 2-7352): Open from 5 p.m. to 12 midnight. Closed Sundays. French specialties, vintage wines.

L'ETOILE: 1075 California Street. (PROspect 1-1529): Located in the Huntington Hotel atop Nob Hill. Open from 5 p.m. to 1 a.m. Closed Sundays.

LE TRIANON: 242 O'Farrell Street. (YUkon 2-9353): Open from 4:30 p.m. to 12 midnight. Fine French cuisine. Closed Sundays. Dinner \$4.50 to \$7.50.

PLACE PIGALLE: 3721 Buchanan Street. (WEst 1-5644): Open daily 4:30 p.m. to 12 midnight. Closed Mondays. French dining in a Parisian atmosphere with continental music.

GERMAN

ROLF'S SINCE 1960: 757 Beach Street. (ORDway 3-8881): Open 11:30 a.m. to 11:30 p.m., Saturday 5 p.m. to 1 a.m. Closed Mondays. On the Marina. Watch the ships go by. Sunday brunch. Moderate prices.

SCHROEDER'S: 240 Front Street (GARfield 1-4778): Open Monday through Friday 11 a.m. to 9:30 p.m. Closed Saturdays and Sundays. Typical German dishes. Reasonable. NO LADIES allowed before 1:30 p.m.

INDIAN

TAJ OF INDIA: 825 Pacific Avenue. (EXbrook 2-0089): Many varieties of curried dishes, but the specialty is Chicken Karma. Open daily 6 p.m. Dinners begin at \$4.25.

ITALIAN

NEW JOE'S: 540 Broadway. (EXbrook 2-9979): A long-time San Francisco favorite. Open daily 11 a.m. to 2:45 a.m. You can sit at the counter and watch the chef prepare your food. Try Joe's Special or the veal scallopini. Moderate prices.

ORESTE'S: 118 Jones Street. (GRaystone 4-5811): Open from 11:30 a.m. Monday through Friday, from 4 p.m. on Saturday and Sunday. Dinners start at \$5.50.

ORIGINAL JOE'S: 144 Taylor Street. (PROspect 5-4877): Steaks are the specialty here, but there are other good foods. A la carte at moderate prices. Open 11 a.m. to 3 a.m.

PAOLI'S: 347 Montgomery Street. (SUTter 1-7115): Open daily from 11:30 a.m., Saturday and Sunday 4 p.m. to 11:30 p.m. Fine dining in an atmosphere typically continental.

VANESSI'S: 498 Broadway. (GARfield 1-0890): Dinners from \$3.35; lunch, too. Their fettucini is our favorite. Open daily 11 a.m. to 3 a.m.

JAPANESE

TOYO CAFE: 1308 Fillmore Street. (WEst 1-1556): In the heart of Japanese town. Moderate prices. Open for lunch and dinner.

MINGEI YA: 2033 Union Street. (JORDan 7-2553): Country-style cooking, a welcome change. Open 5:30 p.m. to 10:30 p.m. Closed Mondays.

YAMATO SUKIYAKI HOUSE: 717 California Street. (EXbrook 7-3456): Open from noon to 2 p.m. for lunch; from 5 p.m. to 10 p.m. for dinner. Closed Mondays. Excellent food — worth the price. Take off your shoes and rest awhile in enchanting Japanese atmosphere.

JEWISH

DAVID'S: 480 Geary Street. Across from the Curran Theatre. (PROspect 1-1600): Not much atmosphere, but good old-fashioned Jewish dishes. Moderate prices. Open daily 9 a.m. to 3 a.m.

SOLOMON'S: 424 Geary Street. (PROspect 6-3525): Not fancy and no reservations necessary. Everything homemade, dinner a la carte. Moderate prices. Open 9 a.m. to 3 a.m.

LISA'S: 186 Eddy Street. (PROspect 5-6155): Modern Israeli dining room. Open daily 10 a.m. to 10 p.m. Moderate prices.

MEXICAN

THE GUITAR: 449 Mason Street. (GRaystone 4-4312): Open 12 noon to 10 p.m. Closed Sundays. Outstanding for real Mexican food; simple surroundings; moderate prices.

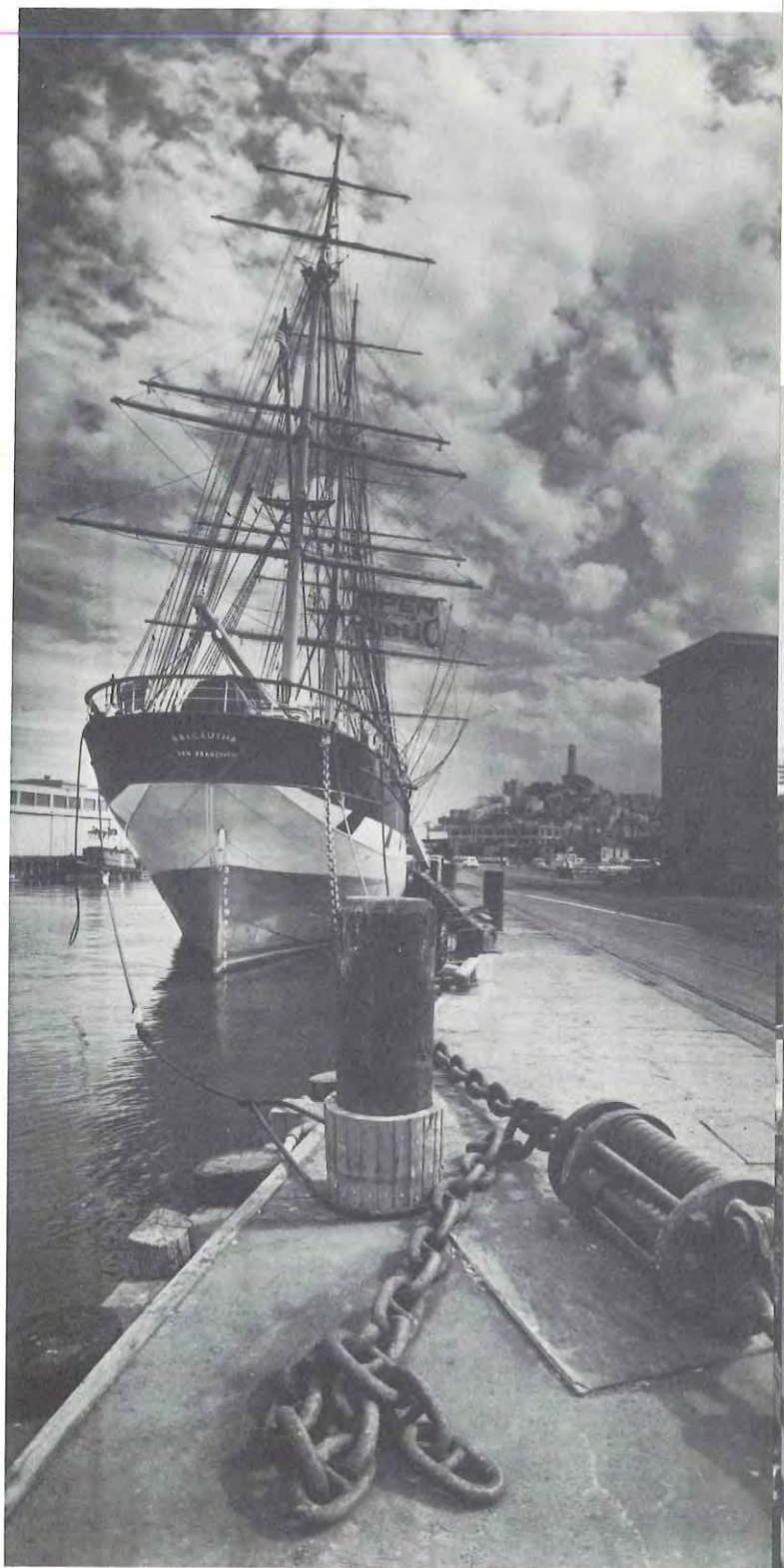
TIA MARGARITA: 300 19th Avenue. (SKYline 2-9274): Open 5 p.m. Closed Tuesdays. Fun atmosphere — excellent food. Moderate prices.

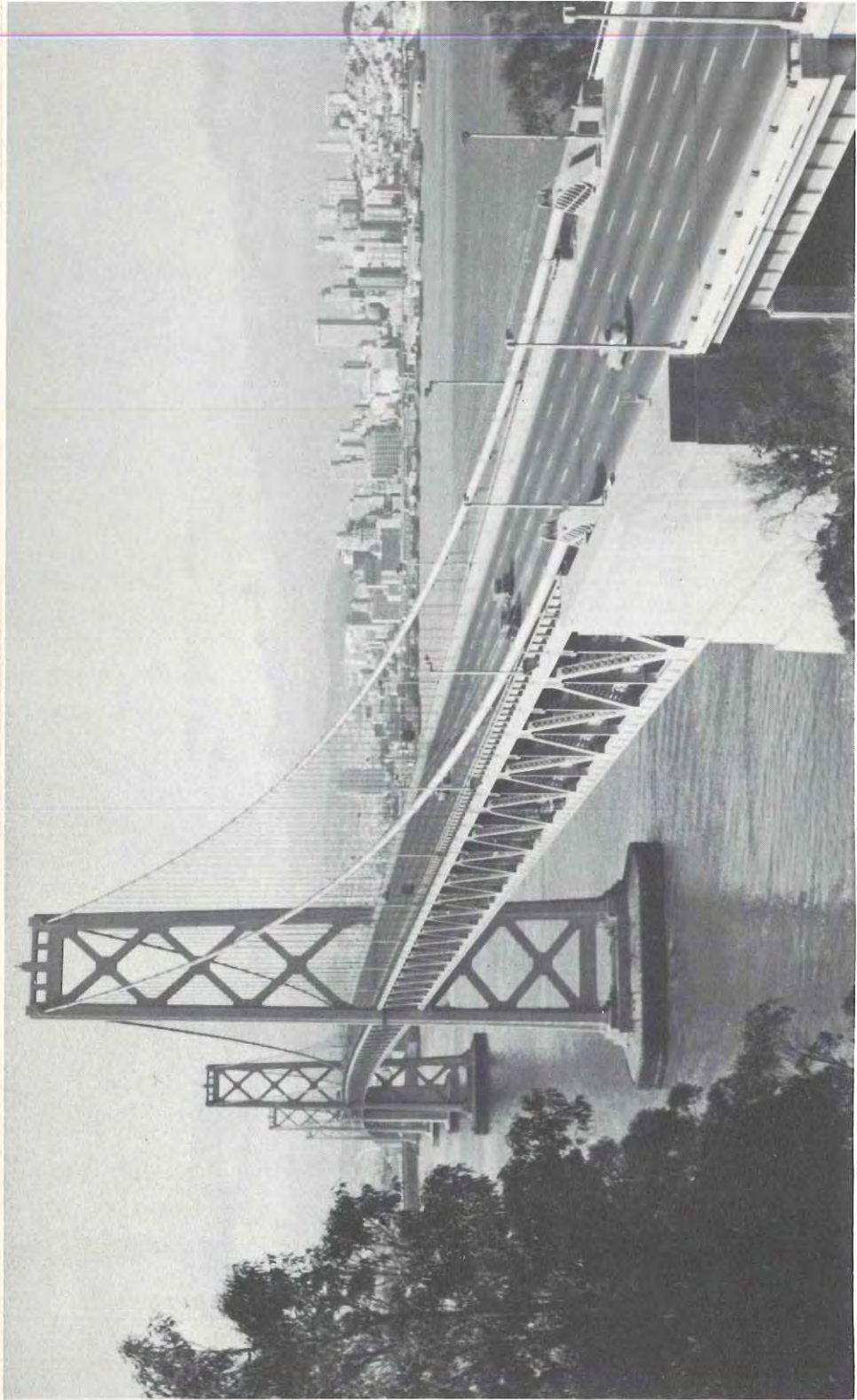
SEÑOR PICO: Ghirardelli Square (no reservations accepted). Trader Vic's newest. Nice atmosphere — good food. Moderate prices.

SOUTH SEAS

TRADER VIC'S: 20 Cosmo Place, off Taylor near Post. (PROspect 6-2232): Open from 4:30 p.m. A la carte service. Prices are sky-high but worth it. Sophisticated. Dressy. Nationally known. RESERVATIONS RECOMMENDED.

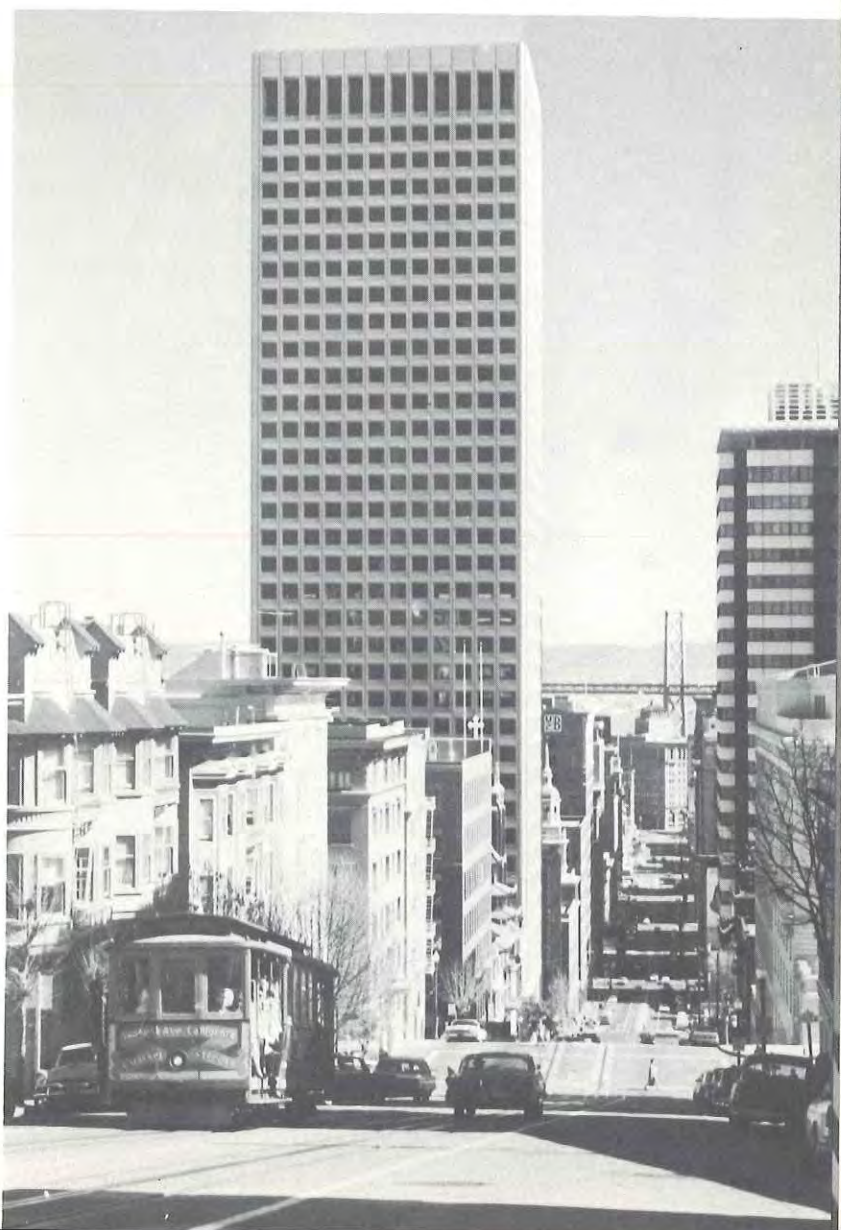
THE BALCLUTHA — The last full-rigger to fly the American flag is now anchored near Fisherman's Wharf. The Glasgow-built ship which once painted the magic name of San Francisco around the world, now stands as a symbol preserving the city's rich past and historic glory.

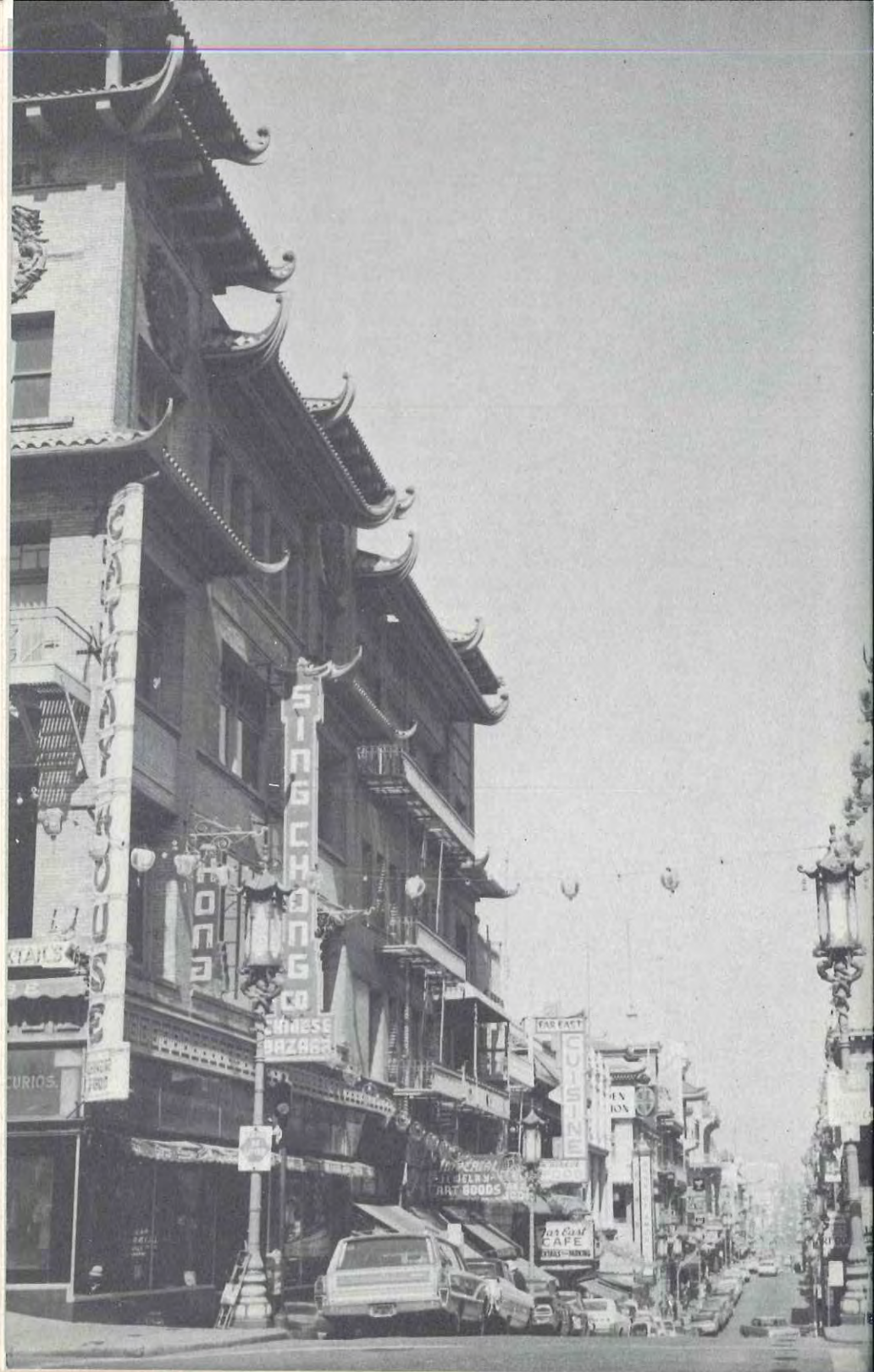




A view from Yerba Buena Island, approaching from the East, across the great steel Bay Bridge

The cable car that creeps up California Street is of the Toonerville Trolley type. The cable car characterizes one of the traditions of San Francisco and adds to the unique flavor of the City.

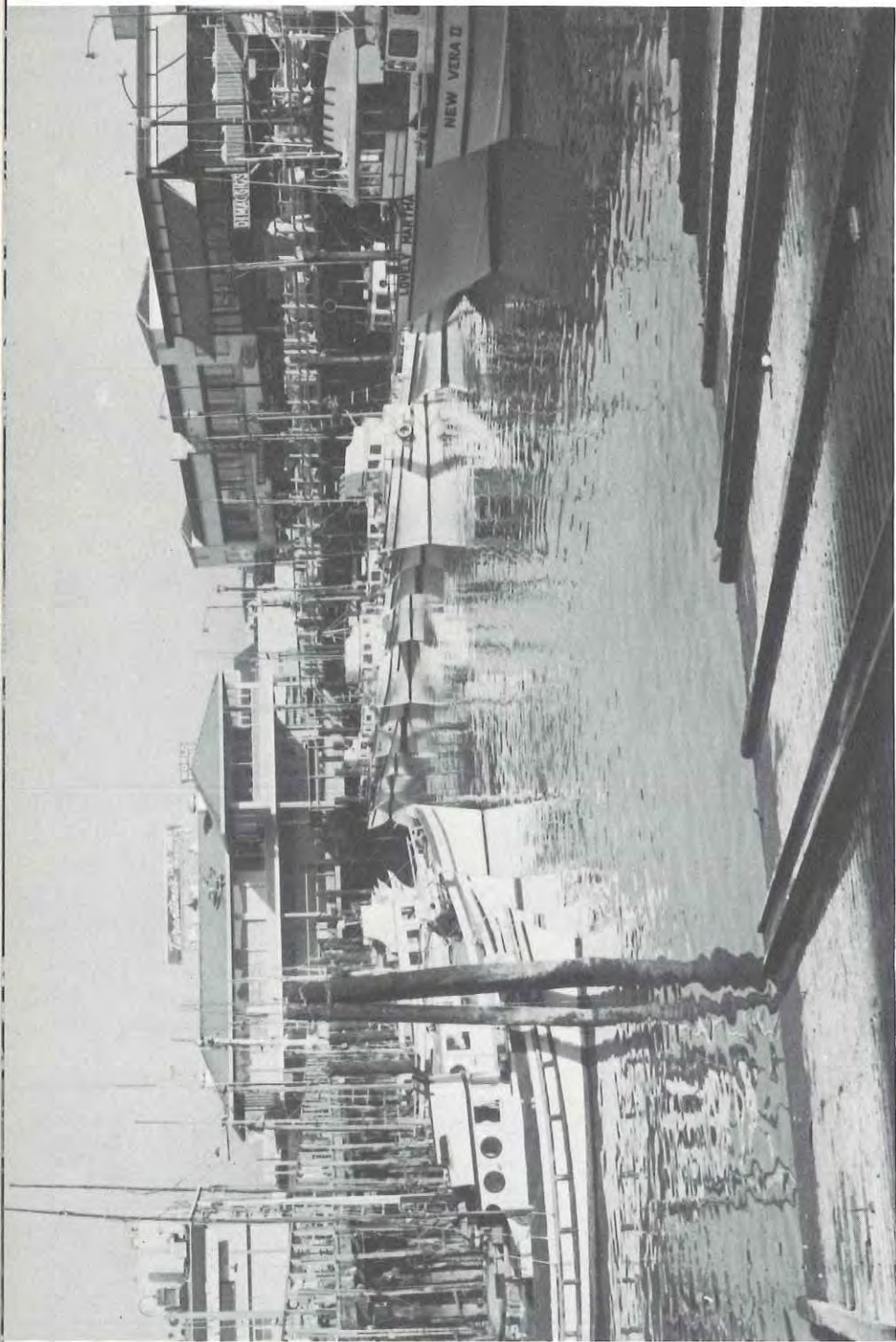




Few people realized, when the lure of gold brought some 25,000 Chinese immigrants across the Pacific in the 1850's, the powerful and vital contribution that migration would make to San Francisco life. Here on Grant Avenue, under quaint pagoda roofs, are bazaars loaded with exotic goods, crafts of their homeland, rare and fascinating foods, and the customs of their Chinese ancestors mingled with the inevitable Americanization.



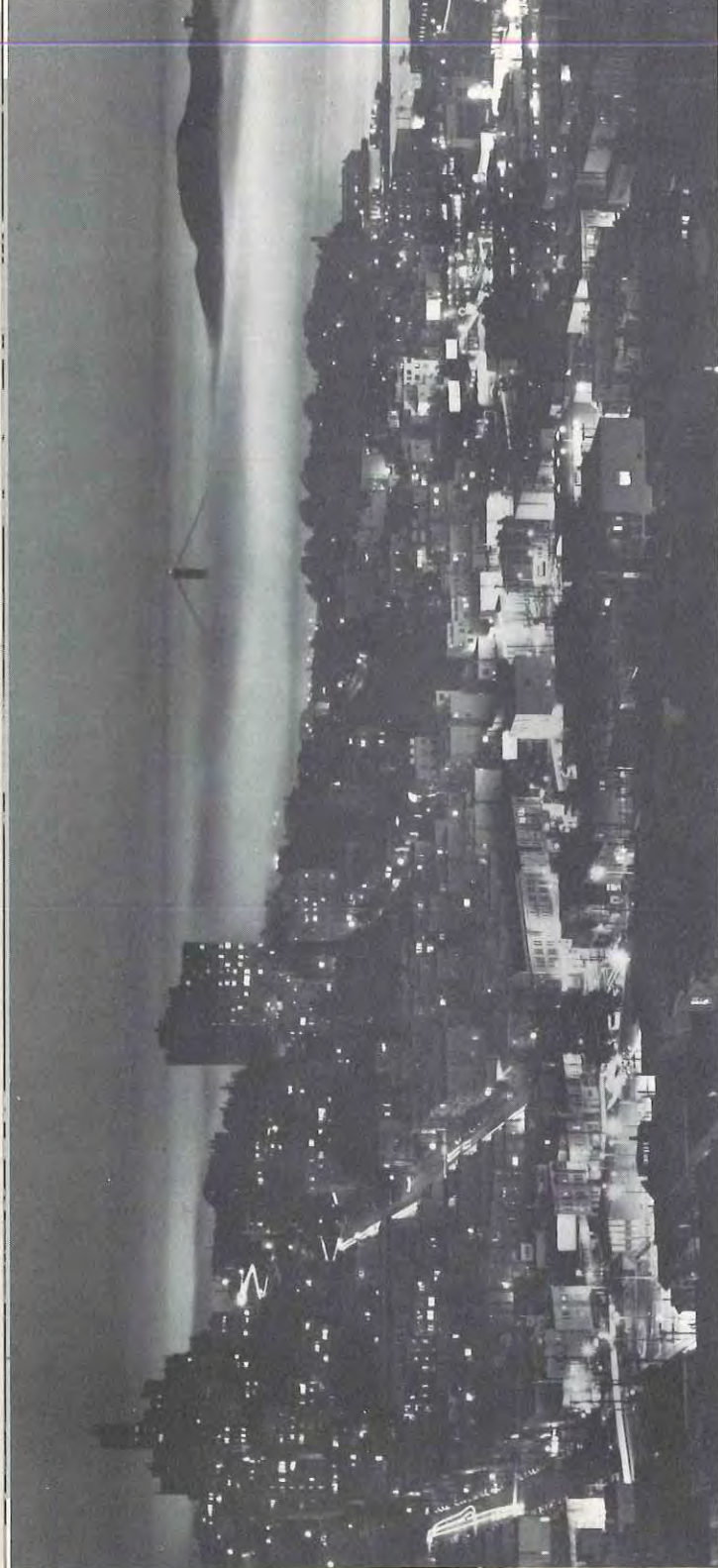
From the Ghirardelli Square Plaza, a view of the Maritime Museum and Aquatic Park located adjacent to Fisherman's Wharf.



All the color and charm of a Mediterranean town are captured in San Francisco's Fisherman's Wharf.



The Japanese Tea Garden in Golden Gate Park could have been transplanted from Kyoto or Nikko. Since 1894, the replica of the Japanese landscaping and architecture has been preserved and improved upon, making the tea house and cherry blossoms a most exquisite and inherent part of Golden Gate Park.



As night falls and the fog creeps in through the Golden Gate, San Francisco's charm is further enhanced and the spirit of "Baghdad by the Bay" is consummate. The modern ocean liners now serving San Francisco stand out in sharp contrast to the old Balclutha.

SPANISH

LA BODEGA: 256 Columbus Avenue. (DOuglas 2-7260): Dinner 5:30 p.m. to 10 p.m. Closed Mondays and Tuesdays. Dinner is always \$2.00. One menu each night.

SEAFOOD

FRANCISCAN: Fisherman's Wharf. (DOuglas 2-7733): Open daily from 11 a.m. Excellent view, moderate prices.

POMPEI'S GROTTO: 340 Jefferson Street. Fisherman's Wharf. (PROspect 6-9265): Open daily from 7 a.m. to 8 p.m. Dinner from \$1.80 to \$3.25.

SAM'S: 374 Bush Street. (GARfield 1-0594): Open from 11 a.m. through dinner. Excellent seafood. Closed Saturdays and Sundays.

TADICH'S GRILL: 545 Clay Street. (SUTter 1-9754): A San Francisco tradition since the 1850's. The very best in seafood. Open 11:30 a.m. Closed Saturdays and Sundays.

FAMILY STYLE DINING

No decisions! One menu featured each evening. Be prepared to meet and eat with the neighbors.

DES ALPS: 732 Broadway. (GARfield 1-9909): Open 5:30 p.m. to 9 p.m. Closed Mondays. Dinners from \$3.00.

ELU'S BASQUE: 781 Broadway. (GARfield 1-9315): Open 4:45 p.m. to 9:30 p.m. Closed Mondays. No reservations. Dinner Tuesday through Friday, \$2.25; Saturday and Sunday, \$2.50.

LA PANTERA: 1234 Grant Avenue. (EXbrook 2-0170): Lunch and dinner. Closed Mondays. Dinner Tuesday through Friday, \$2.50; Saturday and Sunday, \$2.75. Lunch \$1.50.

PAULINE'S: 1570 Stockton Street. (EXbrook 2-8321): Open at 5:15 p.m. Dinner at \$2.50. Closed Tuesdays.

OUT OF TOWN

For a drive out of town, you will enjoy dinner at one of these restaurants across the Golden Gate Bridge or across the Bay Bridge.

MARIN COUNTY

ENG'S: 907 B Street, San Rafael. (453-9850): Tuesday to Thursday 11 a.m. to 12 midnight; Friday and Saturday 11 a.m. to 4 a.m.; Sunday 3 p.m. to midnight. Closed daily 2 p.m. to 4:30 p.m. No atmosphere, but the best Chinese food anywhere! Moderate prices.

LA PETITE AUBERGE: 704-4th Street, San Rafael. (456-5808): French cuisine served in a garden court. Continental atmosphere. Open 5:30 p.m. to 11:30 p.m.

VALHALLA INN: 201 Bridgeway, Sausalito. (332-1792): Continental food served in Victorian atmosphere, but with up-to-date prices. Open 5:30 p.m. to midnight. Closed Mondays.

OAKLAND

CASTAWAYS: 66 Jack London Square, Oakland. (835-8474): Lunch and dinner 11:30 a.m. to 2 a.m. Dinners start at \$5.00. Excellent view of the wharf.

HOTEL RESTAURANTS

Some of the world's finest restaurants are located in the hotels of San Francisco. Here are a few you may want to try.

FAIRMONT HOTEL: Camellia Room. Try their brunch at \$3.95 any day for a real treat. Other breakfasts moderately priced. Open for breakfast, lunch and dinner. Best view of the city from the Crown Room.

PLAZA HOTEL: El Prado — continental service and food — luncheon, cocktails and dinner. Closed Mondays.

SHERATON-PALACE HOTEL: The world-famous Garden Court is recommended for atmosphere. Expensive — but live a little.

ST. FRANCIS: The English Grill is a favorite dining place with men as well as with ladies.

SIR FRANCIS DRAKE: Starlight Roof for a buffet lunch and breathtaking view.

CAFETERIAS

San Francisco has cafeterias, too!

FOSTER'S — Breakfast, lunch, dinner.

MANNING'S — Outstanding in this classification.

MOARS — Breakfast, lunch, dinner.

COMPTON'S — Breakfast, lunch, dinner.

TOMMY'S JOYNT — Lunch, dinner, after-theatre snacks, excellent beer and sandwiches.

SNACKS, SODAS, AND SUCH

BLUM'S: Polk and California, Fairmont Hotel, Sheraton-Palace, Union Square, Stonestown, International Airport. Expensive but good. Blunderful pastries and ice cream concoctions. Especially recommended for those not worried about the waistline.

ZIM'S: Geary and 18th Avenue, Lombard and Steiner, Market and 10th, Taraval and 19th Avenue, Van Ness Avenue and Geary. Specialties, broiled zimbουργers and hot apple pie. Open daily.

EXTRA-CURRICULAR

BIMBO'S 365 CLUB: 1025 Columbus Avenue. (GRaystone 4-0365): Open every night. Dinners from \$4.50 to \$6.75. Elaborate floor shows. A la New York.

BOCCI BALL: 622 Broadway. (YUkon 2-8597): Featuring Venetian coffee and opera music. Open daily from 8:45 p.m. to 2 a.m.

BUENA VISTA CAFE: 2765 Hyde Street. (GRaystone 4-5044): Open daily 10 a.m. to 2 a.m. Famous for Irish coffee.

ENRICO'S COFFEE HOUSE: 504 Broadway. (EXbrook 2-6220): Open daily 11 a.m. to 3 a.m. Enjoy Continental food and international coffees at this sidewalk cafe.

HUNGRY I: 599 Jackson at Kearny. (EXbrook 7-0929): Open 5:30 p.m. to 2 a.m. every day. Dinner served from 5 p.m. to 11 p.m., from \$2.75 up. Always an unusual show. Being an egghead helps.

THE PURPLE ONION: 140 Columbus Avenue. (Sutter 1-0835): Open Monday through Saturday 8 p.m. to 2 a.m. A good place to discover tomorrow's stars tonight.

COURTESY OF
CHILD CARE CENTER

