

# CONGRESS OF NEUROLOGICAL SURGEONS, INC.

NINETEENTH  
ANNUAL MEETING

SHERATON-BOSTON

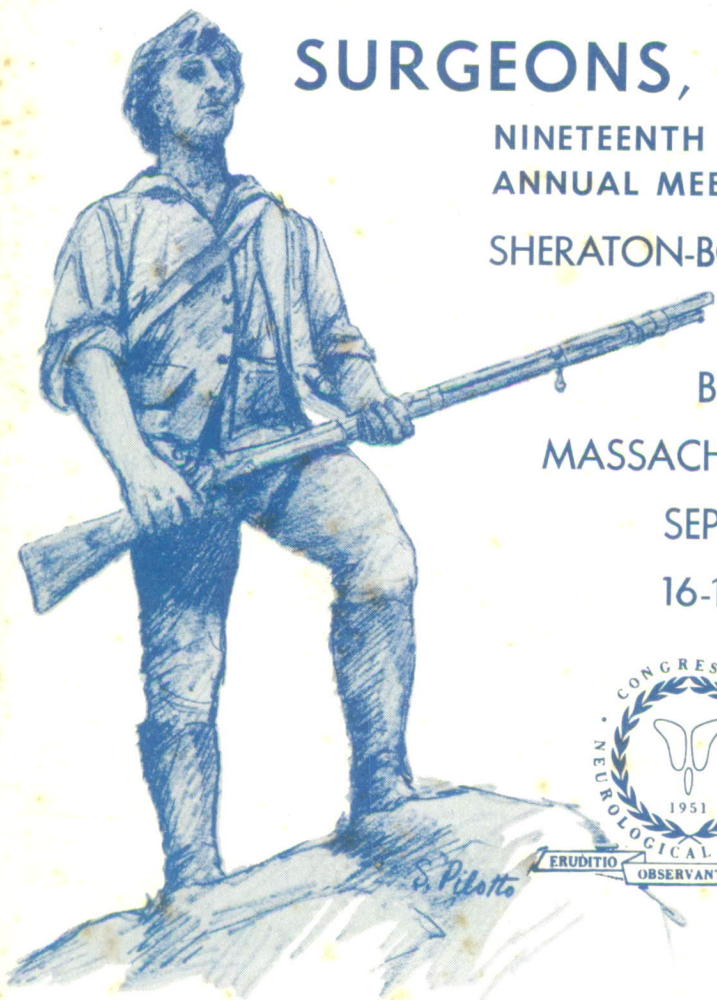
HOTEL

BOSTON

MASSACHUSETTS

SEPTEMBER

16-19, 1969



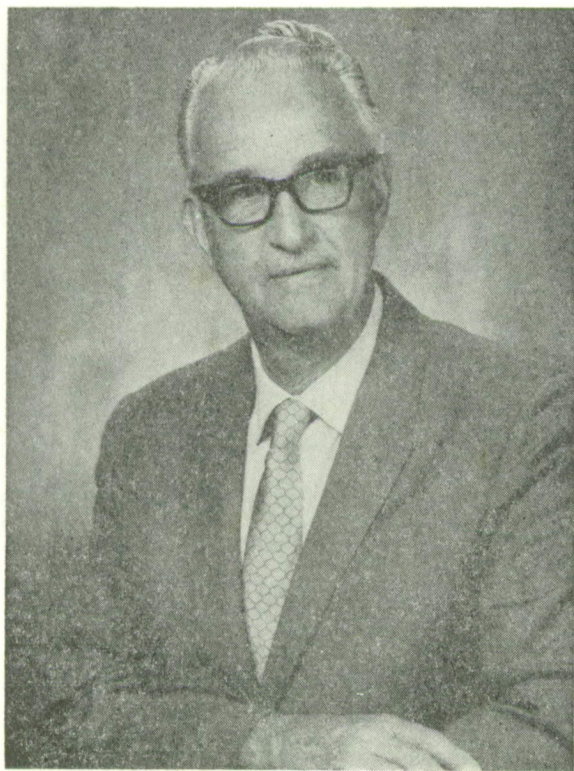
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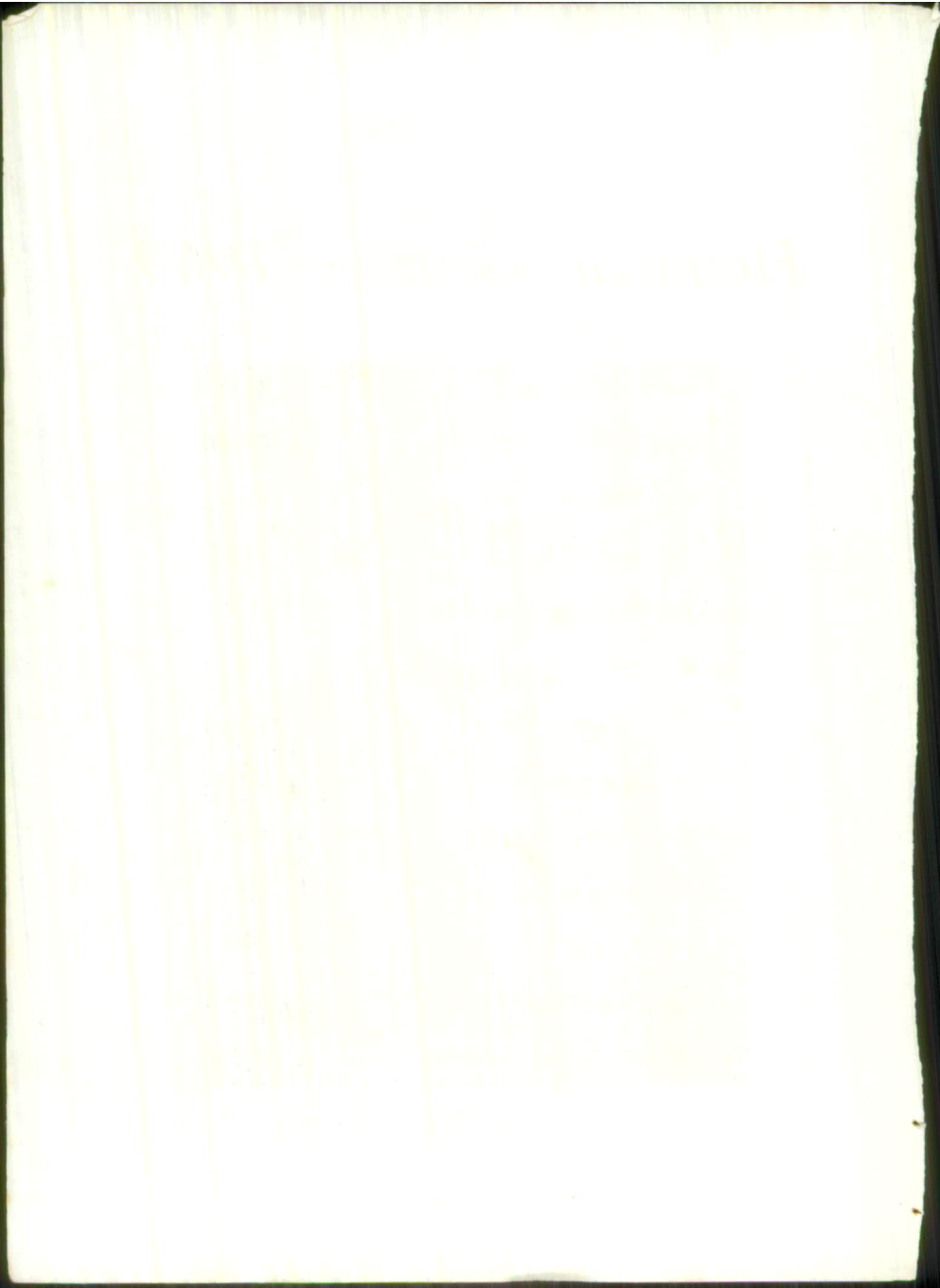
SOCIETAS

	Monday September 15	Tuesday September 16	Wednesday September 17	Thursday September 18	Friday September 19	Saturday September 20
Breakfast		Committee Breakfasts 7:15 - 8:15 Gardner A & B	Residents' Breakfast 7:15- 8:15 Independence Room	Scientific Session 8:30 - 12:00 Grand Ballroom	1970 Scientific Program Comm. 7 - 8:30 Dalton Room	1970 Annual Meeting Comm. 7 - 9 A.M. Dalton A & B
Morning Session	Executive Comm. Meeting—B A.M. Gardner B	Seminars 8:30 - 12:15 Grand Ballroom	Scientific Session 8:30 - 12:30 Grand Ballroom	Scientific Session 8:30 - 12:00 Grand Ballroom	Scientific Session 8:30 - 12:10 Grand Ballroom	Executive Comm. Meeting 9 - 3 Board Room
Luncheon	Luncheon "A" 12:15 - 1:30 Independence Room	Luncheon "A" 12:15 - 1:30 Independence Room	No Scheduled Luncheon	Luncheon "B" 12:00 - 1:30 Independence Room	Luncheon "C" 12:10 - 1:30 Independence Room	
Afternoon Session	Executive Comm. Meeting Gardner B Room	Seminars 1:30 - 5 P.M. Grand Ballroom	FREE AFTERNOON (Buses depart for Sturbridge Village from the main entrance of the Sheraton-Boston promptly at 1:30)	Scientific Session 1:30 - 2:00 Grand Ballroom	Scientific Session 1:30 - 5:00 P.M. Grand Ballroom	Executive Comm. Meeting 9 - 3 Board Room
Special Functions	Placement Comm. 6:30-7:00 P.M. Commonwealth Room Residents' Beer Party 7-9 Commonwealth	No Host Cocktail Party 6:30 - 8:00 Grand Ballroom		Annual Reception 6:30 - 7:30 P.M. Independence Annual Banquet 7:30 Grand Ballroom	Presidential Address 3:40 Grand Ballroom	Closed
Registration Exhibits	1 - 6	8 - 5 8 - 5	8 - 4 8 - 12:30	8 - 4 8 - 5:30	8 - 4 Closed	Closed Closed

*Honored Guest — 1969*



WALLACE B. HAMBY, M. D.



## HONORED GUESTS

Prof. Herbert Olivecrona .....	1952
Sir Geoffrey Jefferson .....	1953
Dr. Kenneth McKenzie .....	1954
Dr. Carl Rand .....	1955
Dr. Wilder Penfield .....	1956
Dr. Francis Grant .....	1957
Dr. Earl Walker .....	1958
Dr. William German .....	1959
Dr. Paul Bucy .....	1960
Dr. Eduard Busch .....	1961
Dr. Bronson Ray .....	1962
Dr. James Poppen .....	1963
Dr. Edgar Kahn .....	1964
Dr. James C. White .....	1965
Dr. Hugo Krayenbuhl .....	1966
Dr. W. James Gardner .....	1967
Prof. Norman L. Dott .....	1968

## GUEST SPEAKERS AND MODERATORS

- Melvin M. Belli—Attorney at Law, Senior Partner of Belli, Ashe, El-lison, Choulos, Cone & Harper, San Francisco, California
- Howard A. Brown, M.D.—Clinical Professor of Neurological Surgery, University of California Medical School, San Francisco, California
- James B. Campbell, M.D.—Research Professor of Neurological Surgery, New York University School of Medicine, New York; Director, Milbank Research Laboratories, Institute for the Crippled and Disabled, New York, New York
- Robert A. Chase, M.D.—Professor and Chairman, Department of Sur-gery, Stanford University School of Medicine, Palo Alto, Calif.
- William Kemp Clark, M.D.—Associate Professor of Surgery and Chair-man of the Division of Neurological Surgery, The University of Texas Southwestern Medical School, Dallas, Texas
- David O. Davis, M.D.—Associate Professor, Chief, Section of Neuro-radiology, Mallinckrodt Institute of Radiology, Washington Uni-versity School of Medicine, St. Louis, Missouri
- Charles A. Fager, M.D.—Chairman, Department of Neurosurgery, Lahey Clinic, Boston, Massachusetts
- James Greenwood, Jr., M.D.—Chief of Neurosurgery, Methodist Hospital; Clinical Professor of Neurosurgery, Baylor University College of Medicine, Houston, Texas
- Frank M. Howard, Jr., M.D.—Consultant in Neurology, Mayo Clinic; Associate Professor of Neurology, Mayo Foundation, University of Minnesota Graduate School, Rochester, Minnesota
- William F. Hoyt, M.D.—Associate Professor, Departments of Ophthal-mology, Neurology and Division of Neurological Surgery, Univer-sity of California, San Francisco Medical Center, San Francisco, California
- Leonard Marmor, M.D.—Associate Professor of Orthopedic Surgery, U. C. L. A. Medical Center, Los Angeles, California
- J. Lawrence Pool, M. D.—Director of the Service of Neurological Sur-gery, Neurological Institute, Presbyterian Hospital, New York, New York

- Robert W. Rand, Ph.D., M.D.—Professor of Neurological Surgery, Department of Surgery, Division of Neurosurgery, U. C. L. A. School of Medicine, Los Angeles, California
- Joseph Ransohoff, M.D.—Professor and Chairman, Department of Neurological Surgery, New York University, Bellevue Medical Center, New York, New York
- Richard C. Schneider, M.D.—Professor of Surgery (Neurosurgery), University of Michigan Medical School, Ann Arbor, Michigan
- Sydney Sunderland, M.D.—Dean of the Faculty of Medicine and Professor of Experimental Neurology, University of Melbourne, Melbourne, Australia
- William H. Sweet, M.D., D.Sc.—Chief, Neurosurgical Service, Massachusetts General Hospital; Professor of Surgery, Harvard Medical School, Boston, Massachusetts
- Benjamin B. Whitcomb, M.D.—Director, Department of Neurosurgery, Hartford University, Hartford, Connecticut; Associate Clinical Professor in Neurosurgery, Yale University, New Haven, Connecticut
- M. Gazi Yasargil, M.D.—Professor of Neurosurgery, University of Zurich School of Medicine, Zurich, Switzerland

SCIENTIFIC EXHIBITS—*Hampton A and B (Third Floor)*

- "Positive Contrast (Conray) Ventriculography"—J. D. Jackson, J. E. Wheeler and D. Kline, Ochsner Clinic and Louisiana State University Medical School, New Orleans, Louisiana
- "Use of the Centrifuge in a Case of Intraventricular Metallic Foreign Body"—J. W. Markham, S. Stein, R. Pelligra, P. Lippe, J. Noyes, San Jose, California
- "Surgery of Trauma in Vietnam"—Cdr. F. Jackson, USN, Camp Pendleton, California
- "Tire Rim Injuries of the Face and Head"—G. H. Gray, Jr., Mercy Hospital, Pittsburgh, Pennsylvania
- "Pathologic Diagnosis of Stroke; A Review of 276 Cases"—R. Raskind, S. Weiss, Oakland, California
- "1000 Consecutive Cerebral Angiograms Without Sequelae"—R. A. Kuhn, Morristown, New Jersey
- "Factors Modifying Ischemia-Induced Cerebrovascular Obstruction"—R. C. Cantu, Boston, Massachusetts
- "Experimental Cerebral Aneurysms"—J. T. Robertson, Memphis, Tenn.
- "Use of a Small Computer for Reporting Medical Examinations"—J. Edelman and T. B. Flynn, Baton Rouge, Louisiana
- "Needle-Catheter Angiography"—J. McFadden, Norfolk, Virginia
- "New Scalp Techniques for Craniotomy"—P. LeRoy, Wilmington, Delaware
- "Direct Ventriculo-atriostomy in Hydrocephalus"—M. Gelch, Providence, Rhode Island
- "Experimental Obstructive Hydrocephalus"—T. H. Milhorat, National Institutes of Health, Bethesda, Maryland
- "Ventriculo-atrial Shunt for Dementia; Current Status"—J. Salmon, Cincinnati, Ohio
- "Angiography and Microangiography of Spinal Cord Vessels"—L. Fried, G. Di Chiro, J. Doppman and M. Baldwin, National Institute of Health, Bethesda, Maryland
- "Intracranial Pressure in Patients During General Anesthesia"—Col. L. G. Kempe, Walter Reed General Hospital, Washington, D. C.
- "Aneurysms of the Anterior Communicating Artery"—Col. Ludwig G. Kempe, Walter Reed General Hospital, Washington, D. C.



SCIENTIFIC EXHIBITS—Hampton A and B (Third Floor)

"Coccidioidomycosis Meningitis" — H. Einstein, G. Ablin, Kern General Hospital, Bakersfield, California

"A New Concept of CSF Formation (The Role of the Choroid Plexus)"  
—T. H. Milhorat, National Institute of Health, Bethesda, Maryland

"Long Term Follow-up on Subjects With Craniostenosis, Treated with Craniectomy and Zenker's Solution" — R. P. Pawl and O. Sugar, University of Illinois, Chicago, Illinois

"Diagnostic Application of Ultrasound in Neurosurgery" — Akira Nishimoto, Okayama University Medical School, Okayama, Japan

SPECIAL EXHIBITS

"Congress of Neurological Surgeons, Inc."—D. Dohn

"World Directory of Neurological Surgeons" — G. Ablin, Bakersfield, California

"Harvey Cushing Centennial Exhibit"—W. J. German, Madeline Stanton and Alexander Bunts, New Haven, Connecticut

## COMMERCIAL EXHIBITORS

### *Constitution Room and Foyer*

Abbott Laboratories  
American Silk Sutures, Inc.  
Cameron-Miller Surgical Instruments Co.  
Codman & Shurtleff, Inc.  
Conference Book Service, Inc.  
Cordis Corporation  
DePuy, Inc.  
Diagnostic Electronics Corporation  
Dow Corning Corporation  
Downs Surgical, Inc.  
Electro Medical Systems, Inc./Medica  
Ethicon, Inc.  
Extracorporeal Medical Specialtis, Inc.  
Hoffrel Instruments, Inc.  
J. B. Lippincott  
McNeil Laboratories, Inc.  
Medical Plastics Laboratory, Inc.  
Metrix, Incorporated  
Midas Rex Pneumatic Tools  
Ruggles Corporation  
Siemens Medical of America, Inc.  
Smith Kline Instruments, Inc.  
Storz Instrument Company  
Stryker Corporation  
Zimmer

## CONGRESS OF NEUROLOGICAL SURGEONS

### OFFICERS FOR 1968-69

Paul C. Sharkey .....	President
John M. Thompson .....	President-Elect
Donald F. Dohn .....	Vice President
Bernard S. Patrick (1968-71) .....	Secretary
John N. Meagher (1966-69) .....	Treasurer

### EXECUTIVE COMMITTEE

John Shillito, Jr. ....	Past President
William S. Coxe .....	1966-69
James T. Robertson .....	1966-69
Robert G. Ojemann .....	1967-70
Julian R. Youmans .....	1967-70
George L. Becker, Jr. ....	1968-71
George T. Tindall .....	1968-71

### PAST PRESIDENTS

*Elmer C. Schultz .....	1951
Hendrik J. Svien .....	1951-1952
Nathaniel R. Hollister .....	1952-1953
James R. Gay .....	1953-1954
Donald B. Sweeney .....	1954-1955
Bland W. Cannon .....	1955-1956
Frederick C. Rehfeldt .....	1956-1957
Raymond K. Thompson .....	1957-1958
Philip D. Gordy .....	1958-1959
Thomas M. Marshall .....	1959-1960
Martin P. Sayers .....	1960-1961
Richard L. DeSaussure .....	1961-1962
A. Roy Tyrer, Jr. ....	1962-1963
Edward C. Weiford .....	1963-1964
Gordon van den Noort .....	1964-1965
William H. Mosberg, Jr. ....	1965-1966
John R. Russell .....	1966-1967
John Shillito, Jr. ....	1967-1968

\*Deceased

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## COMMITTEES 1969

### Annual Meeting Committee

General Chairman.....	George L. Becker, Jr.
Assistant General Chairman.....	William S. Coxe
Local Arrangements.....	Robert G. Ojemann
Seminars in Fundamental Neurological Surgery.....	William S. Coxe
Assistant Seminar Chairman .....	James T. Robertson
Scientific Program .....	Barton A. Brown
Member Participation and Movies .....	Jim L. Story
Exhibits .....	George Ablin
Editorial .....	George T. Tindall
Public Relations .....	Stevenson Flanigan
Host .....	Albert L. Rhoton, Jr.
Residents .....	Shelley N. Chou
Registration .....	C. David Scheibert
Pre-Congress Scientific Meeting .....	Bennett M. Stein
Sergeant-at-Arms .....	J. F. Ross Fleming

### Arrangements Committee

Robert G. Ojemann, Chairman  
Edward P. Baker  
Ronald Birkenfeld  
Robert C. Cantu  
Raymond N. Kjellberg  
Larry K. Page  
Francis X. Rockett  
David A. Roth  
John Shillito, Jr.  
Harold A. Wilkinson  
R. Lewis Wright  
Nicholas T. Zervas

### Scientific Program Committee

Barton A. Brown, Chairman  
Warren C. Boop, Jr.  
Edward S. Connolly  
John L. Fox  
Thomas W. Langfitt  
Herbert Lourie  
M. Stephen Mahaley, Jr.  
Robert G. Ojemann  
Phanor L. Perot, Jr.  
James H. Salmon  
George T. Tindall  
Julian R. Youmans

### Scientific and Education Committee

William S. Coxe, Chairman  
James T. Robertson, Assistant  
    Chairman  
Perry Black  
Sidney Goldring  
William E. Hunt  
Thomas W. Langfitt  
George T. Tindall  
Donald P. Ullrich  
Gordon van den Noort  
Julian R. Youmans

### Member Participation and Movies

Jim L. Story, Chairman  
Robert G. Grossman  
Michael Pollay  
Erich S. Wisiol

### Exhibits Committee

George Ablin, Chairman  
Howard J. Bagnall  
S. M. Wigser  
John R. Williams  
Michael O'Connor, Professional  
    Assistant (Commercial)

## COMMITTEES 1969

### Newsletter Editor

Julian R. Youmans

### Nominating Committee

John Shillito, Jr., Chairman  
George Ablin  
Purdue L. Gould  
A. Beaumont Johnson  
William S. Ogle  
John R. Russell  
Richard C. Schneider

### Placement Committee

Robert L. Campbell, Chairman  
Julius M. Goodman  
John E. Kalsbeck

### Directory Committee

George Ablin, Chairman

### Socio-Economic Committee

Walter S. Lockhart, Jr., Chmn.  
James T. Robertson, Co-Chmn.  
Norman L. Cobb  
Lycurgus M. Davey  
J. Murray Day  
Alvin D. Greenberg  
William H. Mosberg, Jr.  
Albert L. Rhoton, Jr.

### Ad Hoc Committee for

#### Utilization Guidelines

Walter S. Lockhart, Jr., Chmn.  
Marshall B. Allen, Jr.  
Joe M. Capps  
Stevenson Flanigan  
Bruce Trembly  
Frank R. Wrenn

### Ad Hoc Committee Concerning

#### Committee Budgets

James T. Robertson, Chmn.  
John N. Meagher  
Robert G. Ojemann  
Paul C. Sharkey

### Ad Hoc Committee on Academic Inquiry and Placement

Julian R. Youmans, Chairman  
Robert L. Campbell  
Donald F. Dohn  
Robert G. Ojemann  
Bernard S. Patrick  
James T. Robertson  
Robert Timmons  
George T. Tindall

### Ad Hoc Committee to Study Means of Maintaining Continuing High Levels of Neurosurgical Practice

John R. Russell, Chairman  
William S. Coxé  
Lycurgus M. Davey  
Donald F. Dohn  
William H. Mosberg, Jr.

### Ad Hoc Committee on Disciplinary Measures

A. Beaumont Johnson, Chmn.  
Roland A. Manfredi  
David C. Voris

### Representatives to the Joint Committee on Education in Neurosurgery—AANS

John R. Russell  
George T. Tindall  
Paul C. Sharkey, (Alternate)

### Representative on the Advisory Board of Care/Medico

William H. Mosberg, Jr.

### Residents Committee

Shelley N. Chou, Chmn.  
Warren C. Boop, Jr.  
Edward S. Connolly  
Saeed M. Farhat  
Franz E. Glasauer  
David L. Kelly, Jr.  
Burton M. Onofrio  
Richard J. Otenasek, Jr.  
Theodore Roberts  
James H. Salmon

## COMMITTEES 1969

### Sergeant-At-Arms Committee

J. F. Ross Fleming, Chmn.  
(1968-69)  
Edward B. Hendrick  
Samuel S. Lyness  
Roland A. Manfredi  
Bruce F. Sorensen

### Annual Meeting Site Committee

Donald F. Dohn, Chmn.  
William A. Buchheit  
Joe W. Cluff  
Jordan K. Davis  
Raeburn C. Llewellyn  
Michael J. McNally  
James T. Robertson  
Robert A. Sears

### By-Laws Committee

Purdue L. Gould, Chmn.  
Stevenson Flanigan  
J. Cornall Howarth  
A. Beaumont Johnson

### Capital Funds Study Committee

Lycurgus M. Davey, Chmn.  
Richard L. DeSaussure  
John N. Meagher  
Gordon van den Noort

### Historian

Richard L. DeSaussure

### Foreign Service and Physician Training

H. Harvey Gass, Chairman  
Lee A. Christoferson  
Lycurgus M. Davey  
Homer G. McClintock  
Martin P. Sayers  
A. Roy Tyrer, Jr.

### International Committee

A. Roy Tyrer, Jr., Chairman  
James E. Barnes  
Floyd S. Barringer  
David C. Cavicke  
Courtland Davis, Jr.  
Louis Finney  
H. Harvey Gass  
Gerald L. Haines  
Robert F. Heimbürger  
Thomas M. Marshall  
Joseph H. Miller  
William H. Mosberg, Jr.  
Anselmo Pineda  
Anthony J. Raimondi  
Nathan Rifkinson  
Ernest Sachs, Jr.  
Manuel M. Valasco-Suarez  
Harold C. Voris

### Long Range Planning Committee

John M. Thompson, Chairman  
Donald F. Dohn  
John N. Meagher  
Bernard S. Patrick  
John R. Russell  
John Shillito, Jr.

### Membership Committee

James T. Robertson, Chairman  
George Ablin  
William S. Coxe  
James R. Jackson  
James C. H. Simmons  
Donald P. Ullrich  
Matthew W. Wood

### Editorial Committee

George T. Tindall, Chairman  
Robert G. Ojemann, Co-Chmn.  
Robert C. Cantu  
Ellis B. Keener  
Robert H. Wilkins

## COMMITTEES 1969

### Public Relations Committee

Stevenson Flanigan, Chmn.  
George A. Cohn  
Alvin D. Greenberg  
Melville P. Roberts, Jr.  
Daniel A. Rock  
John O. Sharrett  
Lawrence Strenger  
Robert H. Sturman  
Michael D. Walker

### Host Committee

Albert L. Rhoton, Chairman  
Robert M. Baird  
Joseph J. Berke  
William H. Bloom  
Warren C. Boop, Jr.  
David N. Brown  
William A. Buchheit  
Stephen D. Burstein  
Douglas M. Enoch  
Joseph H. Galicich  
Robert G. Grossman  
Basil A. Harris  
William E. Hitzelberger  
Arthur P. Husted  
Michael Jerva  
Dale K. Johns  
Richard M. Katz  
Joseph Keith  
W. Charles Kennedy  
Donlin M. Long  
John A. McRae  
N. J. Manno  
Glenn A. Meyer  
Richard E. Newquist  
Herbert M. Oestreich  
Richard A. Olafson  
William R. Parsons  
Harold D. Portnoy  
Richard B. Raynor  
Frederick A. Simeone  
Kenneth P. Smith, Jr.  
Paul E. Stohr  
Donald H. Wilson  
R. Lewis Wright

### Supplementary Convention Committee

Bennett M. Stein, Chmn.

### Registration Committee

C. David Scheibert, Chmn.  
George Ablin  
Howard J. Bagnall  
J. Clayton Davie  
J. Rodney Feild  
Edward S. Kaplan  
David L. Kelly, Jr.  
Glenn W. Kindt  
Roland A. Manfredi  
Larry K. Page  
Matthew Presti  
Edward Reifel  
Francis X. Rockett  
Bruce F. Sorensen  
Thomas M. Tank  
George A. Zazanis

### Representative on the Board of Directors of the AANS

Donald F. Dohn

### Representative on the American Board of Neurological Surgery

Richard L. DeSaussure

### Representative to Foundation for International Education in Neurological Surgery

Raymond K. Thompson  
A. Roy Tyrer, Jr.

### Representatives on Planning/Liaison Committee of the AANS

Paul C. Sharkey  
John M. Thompson

### Delegates to World Federation of Neurosurgical Societies

Richard L. DeSaussure  
A. Roy Tyrer, Jr., Alternate  
Edward C. Weiford



## COMMITTEES 1969

Delegates to President's  
Committee on Employment of  
the Handicapped

A. Roy Tyrer, Jr.  
John Shillito, Jr., Alternate

Representative to National  
Council, National Society for  
Medical Research

John R. Russell  
Ruth Kerr Jakoby, Alternate

Representative on the Board of  
Governors — American College  
of Surgeons

John Shillito, Jr.

National Committee on  
Neurological Disorders

Richard L. DeSaussure

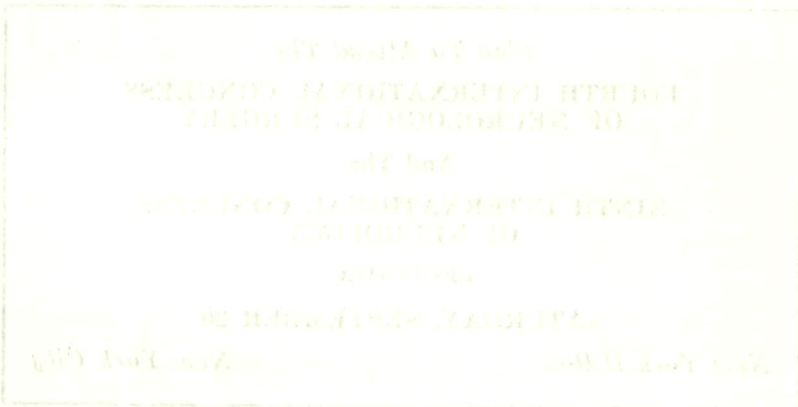
Distinguished Service Award  
Committee

William H. Mosberg  
John R. Russell  
John Shillito, Jr.

Joint Ad Hoc Committee on  
Neurosurgical Operative  
Procedure Nomenclature

E. S. Gurdjian, Co-Chmn.  
Harold C. Voris, Co-Chmn.  
Edwrad J. Bishop  
Robert L. Campbell  
William E. Hunt  
Robert L. McLaurin  
William H. Mosberg, Jr.  
Llywellyn M. Thomas  
A. Earl Walker

## NOTES



## OFFICE LOCATIONS

Registration—Constitution Foyer (Second Floor)

Message Center—Constitution Foyer (Second Floor)  
(Courtesy of American Airlines)

Congress Headquarters—Exeter A (Third Floor)

Press Room—Exeter B (Third Floor)

Auxiliary Headquarters—Jefferson and Kent Rooms (Third Floor)

*Plan To Attend The*

**FOURTH INTERNATIONAL CONGRESS  
OF NEUROLOGICAL SURGERY**

**And The**

**NINTH INTERNATIONAL CONGRESS  
OF NEUROLOGY**

**BEGINNING**

**SATURDAY, SEPTEMBER 20**

*New York Hilton*

*New York City*

## MEETING LOCATIONS

St. Louis (Founders' Meeting) .....	1951
Memphis .....	1951
Chicago .....	1952
New Orleans .....	1953
New York .....	1954
Los Angeles .....	1955
Chicago .....	1956
Washington, D. C. ....	1957
San Francisco .....	1958
Miami .....	1959
Chicago .....	1960
New York .....	1961
Houston .....	1962
Denver .....	1963
Miami .....	1964
Chicago .....	1965
San Juan, Puerto Rico .....	1966
San Francisco .....	1967
Toronto, Ontario .....	1968
Boston .....	1969

## FUTURE MEETINGS

St. Louis .....	1970
Miami .....	1971
Denver .....	1972
New Orleans .....	1973
Vancouver, B. C. ....	1974

*PLAN NOW FOR ST. LOUIS IN 1970*  
**TWENTIETH ANNUAL MEETING**  
**CONGRESS OF NEUROLOGICAL SURGEONS**  
 Chase-Park Plaza                          October 26-30, 1970

## AUXILIARY OF THE CONGRESS OF NEUROLOGICAL SURGEONS

Mrs. Paul C. Sharkey (Katherine) .....	President
Mrs. John M. Thompson (Dorothy) .....	President-Elect
Mrs. Donald F. Dohn (Betty) .....	Vice-President
Mrs. John N. Meagher (Maxine) .....	Treasurer
Mrs. James T. Robertson (Valeria) .....	Secretary
Mrs. Donald F. Dohn (Betty) .....	Chairman, Congress Committee
Mrs. Albert L. Rhoton (Joyce) .....	Chairman, Hostess Committee
Mrs. Robert G. Ojemann (Jean) .....	Chairman, Program Committee
Mrs. Pedro C. Caram (Dorothy) .....	Chairman, Membership Committee
Mrs. William H. Mosberg (Barbara) .....	Chairman, Scientific & Education Committee
Mrs. Richard L. de Saussure (Phyllis) .....	Chairman, Committee on By-laws

### BOARD OF DIRECTORS

Mrs. Lycurgus M. Davey (Artemis)	Ex-Officio
Mrs. Julian R. Youmans (Nancy)	
Mrs. J. R. Ross Fleming (Patricia)	
Mrs. Bernard S. Patrick (Jo)	
Mrs. Robert A. Clark, Jr. (Helen)	
Mrs. Bruce F. Sorenson (Suzanne),	Alternate

### NOMINATING COMMITTEE

Mrs. George T. Tindall (Catherine),	Chairman
Mrs. George L. Becker, Jr., (Alice)	
Mrs. George A. Ablin (Mildred)	
Mrs. Jim L. Story (Joanne)	

### AUXILIARY PAST PRESIDENTS

Mrs. E. C. Schultz (Marge) .....	1951
Mrs. H. J. Svien (Nancy) .....	1951-1952
Mrs. N. R. Hollister (Lottie) .....	1952-1953
Mrs. James Gay (Lillian) .....	1953-1954
Mrs. Donald Sweeney (Kay) .....	1954-1955
Mrs. Bland Cannon (Louise) .....	1955-1956
Mrs. Thomas Marshall (Nancye) .....	1956-1957

Mrs. A. Roy Tyrer, Jr. (Myrtle) .....	1957-1958
Mrs. Philip D. Gordy (Lisa) .....	1958-1959
Mrs. Franklin Earnest, III (Ann) .....	1959-1960
Mrs. Murl Kinal (Connie) .....	1960-1961
Mrs. Richard L. de Saussure (Phyllis) .....	1961-1962
Mrs. Martin P. Sayers (Majorie) .....	1962-1963
Mrs. Edward C. Weiford (Mary) .....	1963-1964
Mrs. Gordon van den Noort (Isabel) .....	1964-1965
Mrs. William H. Mosberg, Jr. (Barbara) .....	1965-1966
Mrs. John M. Thompson (Dorothy) .....	1966-1967
Mrs. Lycurgus M. Davey (Artemis) .....	1967-1968

## NOTES



## AUXILIARY OF THE CONGRESS OF NEUROLOGICAL SURGEONS

Auxiliary Headquarters and Hospitality Room  
Jefferson and Kent Rooms (Third Floor)  
Open at 9 A.M. Tuesday, Wednesday and Friday

### PLEASE WEAR YOUR NAME BADGE

#### TUESDAY, SEPTEMBER 16

- 9:00-10:30 A.M. Coffee—Jefferson and Kent Rooms (Third Floor)  
11:00 A.M. Board of Directors Meeting—Board Room  
1:30 P.M. Bus Tour to Paul Revere Country  
(Buses leave promptly from main entrance of Sheraton-Boston)  
6:30-8:30 P.M. No Host Cocktail Party — Grand Ballroom and Independence Room (Second Floor)

#### WEDNESDAY, SEPTEMBER 17

- 9:00-10:30 A.M. Coffee—Jefferson and Kent Rooms (Third Floor)  
1:30 P.M. Trip to Sturbridge Village  
(Buses leave promptly from main entrance of Sheraton-Boston)  
6:30-8:30 P.M. Dinner at Yankee Drummer Inn, Auburn, Massachusetts, as part of Sturbridge Village trip.

#### THURSDAY, SEPTEMBER 18

No Coffee

- 11:00 A.M. Annual Meeting and Luncheon—Pier Four Restaurant  
(Buses leave promptly from main entrance of Sheraton-Boston)  
6:30-7:30 P.M. Annual Reception and Cocktail Party—Independence Room (Second Floor)  
7:30 P.M. Annual Banquet—Grand Ballroom (Second Floor)  
DRESS OPTIONAL—PLEASE WEAR NAME BADGE

#### FRIDAY, SEPTEMBER 19

- 9:00-10:30 A.M. Coffee—Jefferson and Kent Rooms  
10:15 A.M. Walking Tour to Mother Church of Christ Scientist and Christian Science Publishing Company  
3:40 P.M. Presidential Address, Paul C. Sharkey and presentation of New President, John M. Thompson—Grand Ballroom (Second Floor)  
4:00 P.M. Address by Mr. Melvin Belli on Medico-Legal aspects of Neurosurgery—Grand Ballroom

## SPECIAL EVENTS

### MONDAY, SEPTEMBER 15

- 8:00 A.M. Executive Committee Meeting—Gardner B (Third Floor)  
1:00-6:00 P.M.  
Registration—Constitution Foyer (Second Floor)  
6:00-9:00 P.M.  
1969 Annual Meeting Committee Conference—CNS Headquarters Exeter A (Third Floor)  
6:30-7:00 P.M.  
Placement Committee (Open for those seeking placement and for those seeking associates)—Commonwealth Room (Third Floor)  
7:00-9:00 P.M.  
Residents' Beer Party—Commonwealth Room (Third Floor)

### TUESDAY, SEPTEMBER 16

- 7:15 A.M. Committee Breakfasts — Gardner Room (Third Floor)  
8:30 A.M.-5:00 P.M.  
Seminars in Fundamental Neurological Surgery  
Grand Ballroom (Second Floor)  
6:30-8:00 P.M.  
No Host Cocktail Party — Grand Ballroom and Independence Room (Second Floor)  
8:00 P.M. Past Presidents' Dinner

### WEDNESDAY, SEPTEMBER 17

- 7:15-8:15 A.M.  
Neurosurgical Residents' Breakfast — Independence Room (Second Floor)

### THURSDAY, SEPTEMBER 18

- 2:00 P.M. Member Participation Program — Grand Ballroom (Second Floor)  
4:35-5:30 P.M.  
1969 Annual Business Meeting (Members Only) — Grand Ballroom  
6:30-7:30 P.M.  
Annual Reception and Cocktail Party — Independence Room (Second Floor)  
7:30 P.M. Annual Banquet — Grand Ballroom  
Ruby Neuman Orchestra



## SPECIAL EVENTS

FRIDAY, SEPTEMBER 19

7:00-8:30 A.M.

1970 Scientific Program Committee Breakfast — Dalton  
A & B (Third Floor)

3:40 P.M. Presidential Address, Paul C. Sharkey and Presentation  
of the New President, John M. Thompson—Grand Ballroom

SATURDAY, SEPTEMBER 20

7:00-9:00 A.M.

1970 Annual Meeting Committee Breakfast Dalton A and  
B (Third Floor)

9:00 A.M.-3:00 P.M.

Executive Committee Meeting — Board Room

## NOTES

## NOTES

**P R O G R A M**  
**MONDAY, SEPTEMBER 15**

- 8:00 A.M. Executive Committee Meeting — Gardner B (Third Floor)  
1:00-6:00 P.M.  
Registration — Constitution Foyer (Second Floor)
- 6:00-9:00 P.M.  
1969 Annual Meeting Committee Conference — CNS Headquarters — Exeter A (Third Floor)
- 6:30-7:00 P.M.  
Placement Committee (Open for those seeking placement and those seeking associates) — Commonwealth Room (Third Floor)
- 7:00-9:00 P.M.  
Residents' Beer Party—Commonwealth Room (Third Floor)

**N O T E S**

## NOTES

## PROGRAM

TUESDAY, SEPTEMBER 16

7:15 A.M. Committee Breakfasts — Gardner Room (Third Floor)

8:00 A.M.-5:00 P.M.

Registration — Constitution Foyer (Second Floor)

8:00 A.M.-5:00 P.M.

Commercial Exhibits — Constitution Room and Foyer  
(Second Floor) Scientific Exhibits — Hampton A and B  
(Third Floor)

## SEMINARS IN FUNDAMENTAL NEUROLOGICAL SURGERY

Grand Ballroom (Second Floor)

PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer — William S. Coxé

8:30 A.M. "The Anatomy of the Hypothalamus—Dr. Walle Nauta

10:00 A.M. Intermission

10:20 A.M. "Hypothalamic Control of the Anterior Pituitary" Dr.  
Seymour Reichlin

11:40 A.M. Discussion and questions

\*12:15 P.M. Congress Luncheon—Independence Room (Second Floor)

## PROGRAM

Presiding Officer — James T. Robertson

1:30 P.M. "Neurological Manifestations of Hypothalamic Disease  
Dr. Joseph Martin

2:50 P.M. Intermission

3:05 P.M. "The Physiology and Pharmacology of Brain Catechola-  
mines" Dr. Richard Wurtman

4:30 P.M. Discussion and questions

6:30-8:00 P.M.

No Host Cocktail Party — Grand Ballroom and Indepen-  
dence Room (Second Floor) — DRESS OPTIONAL —  
PLEASE WEAR NAME BADGE

8:00 P.M. Past Presidents' Dinner

\*Residents' luncheon tickets have been graciously donated by Codman  
& Shurtleff, American Silk Sutures, Inc. and Ruggles Corporation.

NOTES

# PROGRAM

WEDNESDAY, SEPTEMBER 17

7:15-8:15 A.M.

Neurosurgical Residents' Breakfast — Independence Room  
(Second Floor)

8:00 A.M.-4:00 P.M.

Registration—Constitution Foyer (Second Floor)

8:00 A.M.-12:30 P.M. Commercial Exhibits—Constitution Room and  
Foyer—(Second Floor)

Scientific Exhibits — Hampton A and B—(Third Floor)

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## SCIENTIFIC SESSION—Grand Ballroom (Second Floor)

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PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer — Dr. Paul C. Sharkey

8:30 A.M. Trauma to the Cervical Spine

..... Dr. Richard Schneider

9:20 A.M. Surgery of Vascular Lesions of the Spinal Cord with  
Microsurgical Technique

..... Dr. M. Gazi Yasargil

10:10 A.M. Intermission

10:30 A.M. Spinal Cord Tumors

..... Dr. J. Lawrence Pool

11:00 A.M. Lesions of the Cauda Equina

..... Dr. Joseph Ransohoff

11:30 A.M. Torticollis

..... Dr. Wallace B. Hamby

12:00 Noon Panel Discussion of Preceding Papers—All Speakers

Moderator—Dr. James Greenwood, Jr.

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No Scheduled Luncheon—FREE AFTERNOON

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1:30 P.M. TRIP TO STURBRIDGE VILLAGE, FOLLOWED BY  
DINNER AT THE YANKEE DRUMMER INN, AUBURN,  
MASSACHUSETTS. Tickets for this function are availa-  
ble at the Registration desk (Buses will leave promptly at  
1:30 from the main entrance of the Sheraton-Boston)

## NOTES