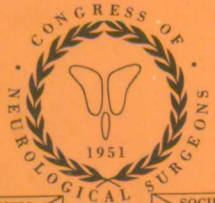


Dorothy Thompson

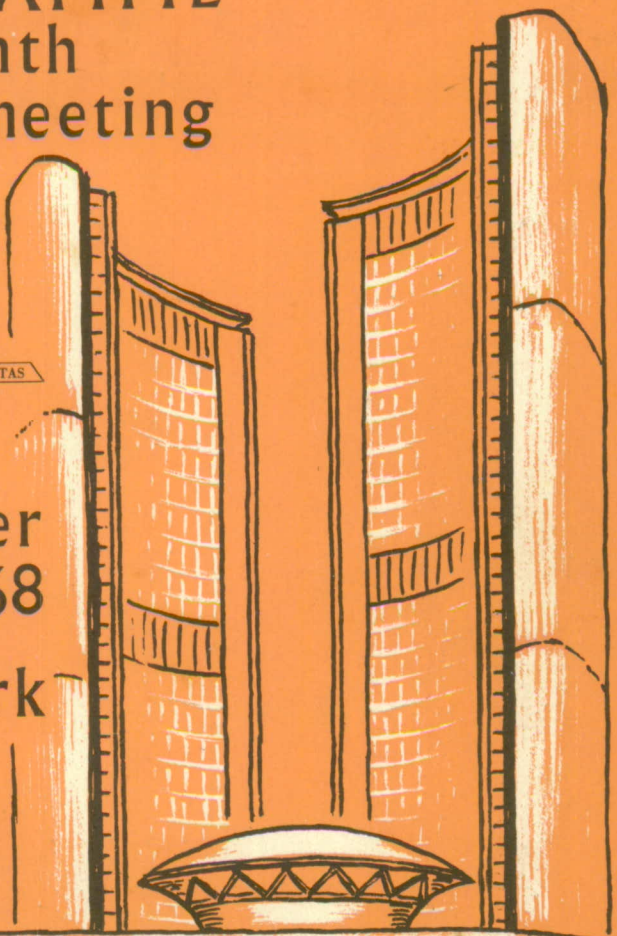
PROGRAMME eighteenth annual meeting



ERUDITIO OBSERVANTIA SOCIETAS

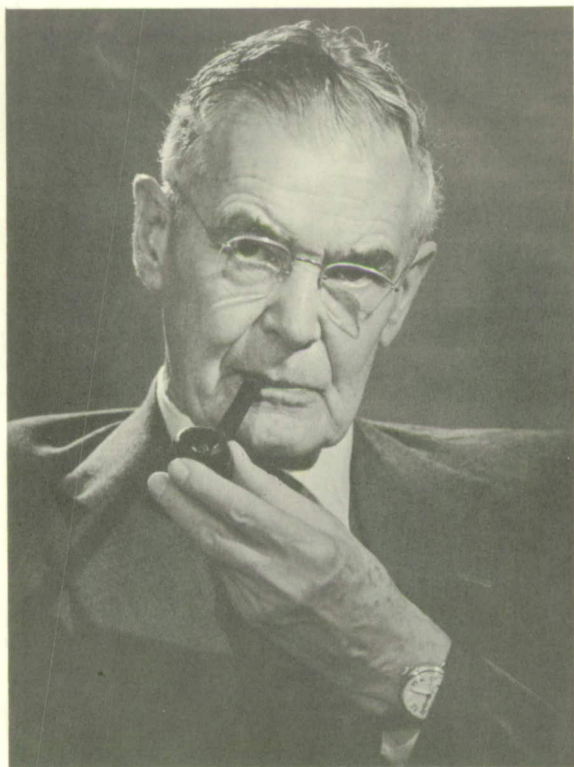
September
24-28 1968

Royal York
Hotel
Toronto
Canada

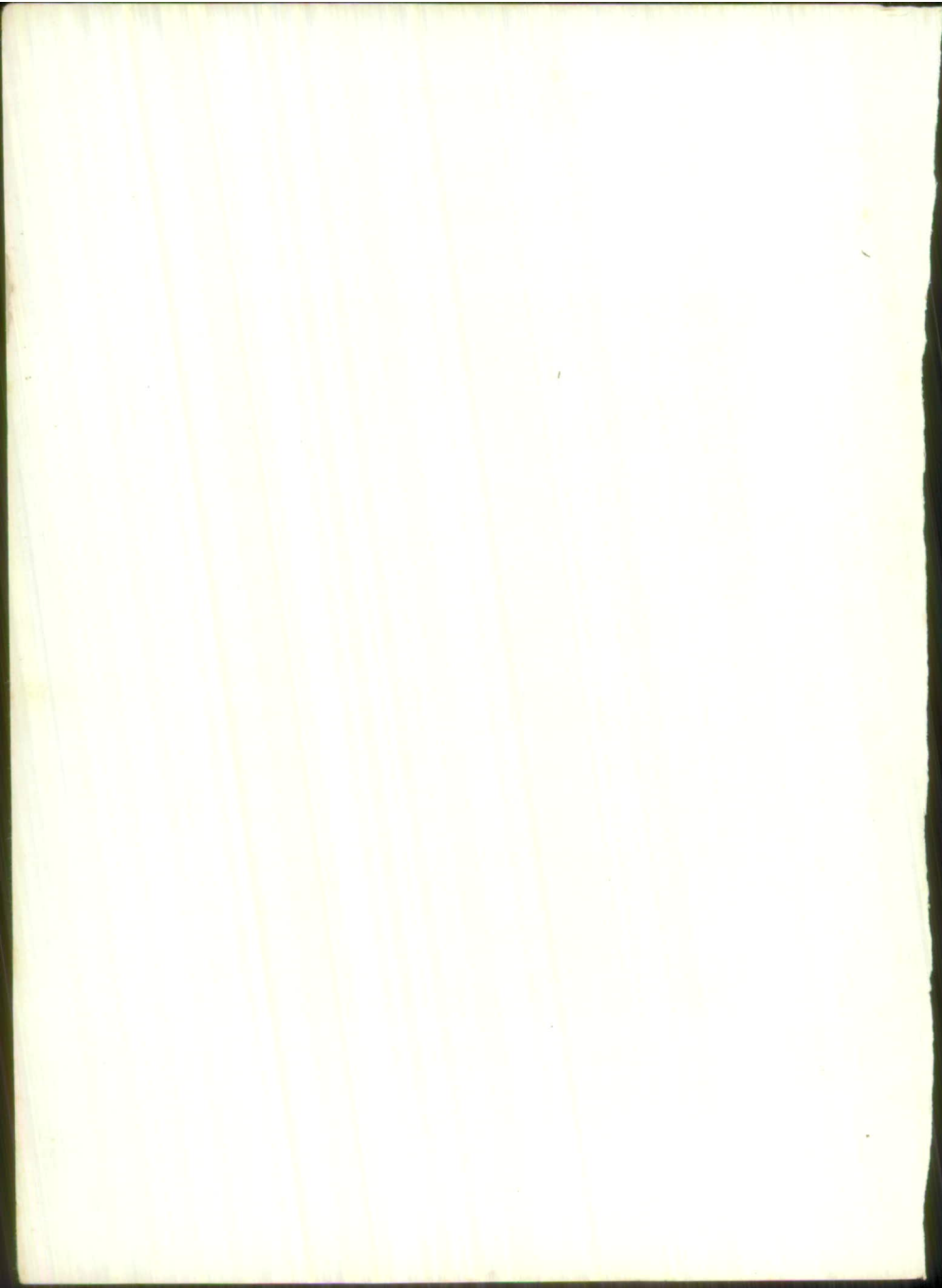


CONGRESS OF
NEUROLOGICAL
SURGEONS

Honored Guest—1968



PROFESSOR NORMAN M. DOTT
*Fellow Royal College of Surgeons (Ed.)
Edinburgh, Scotland*



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 |

GUEST SPEAKERS AND MODERATORS

- H. J. M. Barnett, M.D.—Associate Professor of Neurology, University of Toronto; Chief of Neurology, Sunny Brook Hospital, Toronto, Ontario
- David Bates, M.D.—Professor and Chairman of Department of Physiology, McGill University, Montreal, Quebec
- Claude Bertrand, M.D.—Associate Professor of Surgery, University of Montreal; Chief Neurosurgeon, Notre Dame Hospital, Montreal, Quebec
- Gilles Bertrand, M.D.—Associate Professor Neurological Surgery, McGill University; Neurosurgeon, Montreal Neurological Institute, Montreal, Quebec
- Harry Botterell, M.D.—Vice Principal and Dean of Medicine, Queen's University, Kingston, Ontario
- G. Fred Brindle, M.D.—Associate Professor of Anesthesiology, McGill University; Department of Anesthesiology, Montreal Neurological Institute, Montreal, Quebec
- Millikan Clark, M.D.—Professor of Neurology, Mayo Graduate School of Medicine, University of Minnesota, Rochester, Minnesota
- Charles Drake, M.D.—Professor of Surgery (Neurosurgery); Head, Division of Neurosurgery, University of Western Ontario, London, Ontario
- William Feindel, M.D.—William Cone Professor of Neurosurgery, McGill University and Montreal Neurological Institute, Montreal, Quebec
- Jules Hardy, M.D.—Assistant Professor Neurological Surgery, University of Montreal; Neurosurgeon, Notre Dame Hospital, Montreal, Quebec
- Bruce Hendrick, M.D.—Assistant Professor of Neurological Surgery, University of Toronto; Chief of Neurological Surgery, Hospital For Sick Children, Toronto, Ontario

- Igor Klatzo, M.D.—Acting Chief, Laboratory of Neuropathology and Neuroanatomical Sciences, National Institute of Neurological Diseases and Blindness, Bethesda, Maryland
- Thomas P. Morley, M.D.—Associate Professor Neurological Surgery, University of Toronto; Chief of Neurological Surgery, Toronto General Hospital, Toronto, Ontario
- Thomas W. Langfitt, M.D.—Chief of Neurosurgery, Pennsylvania Hospital, Philadelphia, Pennsylvania
- Donald Lloyd-Smith, M.D.—Associate Professor Neurology, McGill University; Neurologist and Electroencephalographer, Montreal Neurological Institute, Montreal, Quebec
- William M. Loughheed, M.D.—Assistant Professor Neurological Surgery, University of Toronto; Chief of Neurosurgery, Sunny Brook Hospital, Toronto, Ontario
- D. L. McRae, M.D.—Professor of Radiology, University of Toronto; Director of Radiology, Sunny Brook Hospital, Toronto, Ontario
- Brenda Milner, Ph.D.—Associate Professor Clinical Psychology, McGill University; Chief Department of Psychology, Montreal Neurological Institute, Montreal, Quebec
- Dwight Parkinson, M.D.—Associate Professor and Head Department of Neurosurgery, University of Manitoba, Winnipeg, Manitoba
- Theodore Rasmussen, M.D.—Professor and Chairman Department of Neurology and Neurosurgery, McGill University; Director Montreal Neurological Institute, Montreal, Quebec
- Martin Reivich, M.D.—Associate Professor of Neurology, University of Pennsylvania, Philadelphia, Pennsylvania
- Raymond Robillard, M.D.—Chief Neurologist, Masionneuve Hospital; President Federation of Medical Specialists in Quebec, Montreal, Quebec
- Frank Turnbull, M.D.—Neurosurgeon, Vancouver General Hospital; Past President Canadian Medical Association, Vancouver, British Columbia

SCIENTIFIC EXHIBITS—*Parlors A and B (Convention Floor)*

- "A Simplified Method of X-ray Technique for Stereotactic Surgery"—George H. Gray, Jr., M.D., Neurosurgical Associates of Pittsburgh, Pittsburgh, Pennsylvania
- "A Variability Study of the Thalamus and Adjacent Structures"—E. Sidney Watkins, M.D., and J. Andrew, M.D., Upstate Medical Center, Syracuse, New York
- "Aberrant Profunda Cervicis Artery Compression of the Brachial Plexus"—William C. Kite, Jr., M.D., Albany, New York
- "Acoustic Neurilemmoma: Microsurgical Anatomy and Early Diagnosis"—A. L. Rhoton, Jr., M.D., and K. B. Corbin, M.D., Mayo Clinic, Rochester, Minnesota
- "Advances in Peripheral Nerve Repair"—George J. Hayes, B.G. MC, and Ludwig G. Kempe, Col. MC, Walter Reed Army Institute of Research, Washington, D.C.
- "Avoidance of Certain Pitfalls During Cervical Interbody Fusion"—Anselmo Pineda, M.D., Long Beach, California
- "Carotid Ligation for Selected Intracranial Aneurysms: Use of Flow-probe to Monitor Rate of Occlusion"—Edward Reifel, M.D. and John S. Tytus, M.D., Mason Clinic, Seattle, Washington
- "Cushing Reflex"—Glenn A. Meyer, Capt. MC, Ludwig G. Kempe, Col. MC, and Thomas Ducker, Capt. MC, Walter Reed Army Institute of Research, Washington, D. C.
- "A Stapling Device for Dural Closure"—Franco Erulei, M.D., Providence, Rhode Island
- "History of the Medical Service in the United States Army"—Robert S. Anderson, Col. MC, The Historical Unit, USAMEDS, Walter Reed Army Medical Center, Washington, D. C.
- "Isotope Cisternography and Ventriculography"—Franz E. Glasauer, M.D., Buffalo, New York

SCIENTIFIC EXHIBITS—*Parlors A and B (Convention Floor)*

- "Pantopaque Ventriculography in the Assessment of Lesions Encroaching upon the Third Ventricle, the Aqueduct, or the Fourth Ventricle"—Erich K. Lang, M.D. and John R. Russell, M.D., Methodist Hospital, Indianapolis, Indiana
- "Prevention of the Cerebral Vasculature Obstruction Produced by Ischemia"—Robert C. Cantu, M.D. and Adelbert Ames III, M.D., Boston City Hospital, Massachusetts General Hospital and Harvard Medical School, Boston, Massachusetts
- "Stereotaxic Surgery"—George A. Zazanis, M.D., Chatham, New Jersey
- "Stereotactic Thrombosis of Intracranial Aneurysms"—John F. Alksne, M.D., Medical College of Virginia, Richmond, Virginia
- "Sixty Percent Conray in Myelography: Technique, Advantages and Complications in One Hundred Lumbar Myelograms"—William R. Bridges, M.D., Division of Neurosurgery, Tulane University, New Orleans, Louisiana
- "Treatment of Malignant Brain Tumors by Local Methotrexate: A New Technique" Preliminary Report—Sanford R. Weiss, M.D., and Robert Raskind, M.D., Oakland, California
- "Trigeminal Neuralgia"—Donald F. Dohn, M.D., Cleveland Clinic, Cleveland, Ohio
- "Ventriculo Atrial Shunt: New Equipment, Techniques and Indications"—James H. Salmon, M.D., Cincinnati General Hospital, Cincinnati, Ohio
- "Vertebral Body Fusion for Treatment of Compressed Cervical Spine Fractures"—A. Yale Gerol, M.D. and Mohammed Rafiullah, M.D., Racine, Wisconsin

COMMERCIAL EXHIBITORS

Ballroom (Convention Floor)

American Silk Sutures, Inc.
American Sterilizer Company
Cincinnati Sub-Zero Products, Inc.
Codman & Shurtleff, Inc.
DePuy Manufacturing Co., Inc.
Dow Corning Corporation
Down Bros. and Mayer and Phelps, Ltd.
Ethicon, Inc.
Extracorporeal & Medical Specialties Co., Inc.
Hoffrel Instruments, Inc.
Kerr Instruments
Magnaflux Corporation
Markham Medical Associates
Philips Electronics Industries, Ltd.
Siemens Medical of Canada, Ltd.
Smith Kline Instrument Co.
Zimmer
Cordis Corporation

CONGRESS OF NEUROLOGICAL SURGEONS
OFFICERS FOR 1967-1968

| | | | |
|----------------------|--------------|-------|------------------------|
| John Shillito, Jr. | <i>acad.</i> | ..... | <i>President</i> |
| Paul C. Sharkey | <i>proc.</i> | ..... | <i>President-Elect</i> |
| Robert A. Clark, Jr. | | | <i>Vice-President</i> |
| John M. Thompson | <i>love.</i> | | <i>Secretary</i> |
| John N. Meagher | <i>acad.</i> | | <i>Treasurer</i> |

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| | | | |
|--------------------|--------------|-------|-----------------------|
| John R. Russell | | | <i>Past President</i> |
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| James T. Robertson | <i>proc.</i> | | 1966-1969 |
| Bernard S. Patrick | <i>acad.</i> | | 1967-1970 |
| Julian R. Youmans | <i>acad.</i> | | 1967-1970 |
| Robert G. Ojemann | <i>acad.</i> | | 1967-1968 |

Tendell acad.
Becker proc.

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 |

*Deceased

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| | |
|---|-----------------------|
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| Member Participation Program..... | David L. Kelly, Jr. |
| Exhibits..... | Thomas M. Fletcher |
| Editorial Chairman..... | Robert G. Ojemann |
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| Public Relations..... | C. David Scheibert |
| Host..... | Bruce F. Sorensen |
| Registration..... | Bernard S. Patrick |
| Residents..... | Barton A. Brown |
| Post-Convention Tour..... | H. James Bagnall |
| Sergeant at Arms..... | George L. Becker, Jr. |

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 Stanley W. Schatz

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A. Roy Tyrer, Jr., Alternate

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Edwin F. Chobot, Jr.
Stevenson Flanigan
William R. Pitts
Bruce Trembly
Frank R. Wrenn

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 | 1966 |
| San Francisco | 1967 |
| Toronto | 1968 |

FUTURE MEETINGS

| | |
|-------------------|------|
| Boston | 1969 |
| St. Louis | 1970 |
| Miami | 1971 |
| Denver | 1972 |
| New Orleans | 1973 |

PLAN NOW FOR BOSTON IN 1969
NINETEENTH ANNUAL MEETING
CONGRESS OF NEUROLOGICAL SURGEONS
Sheraton-Boston Hotel — September 16-20, 1969
and then to
FOURTH INTERNATIONAL CONGRESS
OF NEUROLOGICAL SURGERY
Hilton Hotel — New York City — September 21-27, 1969

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| | |
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| Mrs. James T. Robertson (Valeria)..... | <i>Secretary</i> |
| Mrs. John N. Meagher (Maxine)..... | <i>Treasurer</i> |
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| Mrs. Bruce F. Sorensen (Suzanne)..... | <i>Chairman Hostess Committee</i> |
| Mrs. J. F. Ross Fleming (Patricia)..... | <i>Chairman Program Committee</i> |
| Mrs. John Shillito, Jr. (Bunny)..... | <i>Chairman Membership Committee</i> |

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| |
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| Mrs. Bernard S. Patrick (Jo) |
| Mrs. Robert G. Ojemann (Jean) |
| Mrs. Martin P. Sayers (Marjorie) |

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| | |
|---|-----------|
| Mrs. E. C. Schultz (Marge)..... | 1951 |
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| Mrs. N. R. Hollister (Lottie)..... | 1952-1953 |
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| Mrs. Donald Sweeney (Kay)..... | 1954-1955 |
| Mrs. Bland Cannon (Louise)..... | 1955-1956 |
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| 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 de Saussure (Phyllis)..... | 1961-1962 |
| Mrs. Martin P. Sayers (Marjorie)..... | 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 |

AUXILIARY OF THE CONGRESS OF
NEUROLOGICAL SURGEONS

Auxiliary Headquarters and Hospitality Room—
Room "C" Convention Mezzanine—open daily 9:00 A.M.
(Tuesday thru Saturday)

PLEASE WEAR YOUR NAME BADGE

TUESDAY, SEPTEMBER 24

- 11:30 A.M. Board of Directors Meeting—Saskatchewan Room ✓
6:00-7:30 P.M. No Host Cocktail Party—Concert Hall (Convention Floor)

WEDNESDAY, SEPTEMBER 25

- 9:00-10:30 A.M. Welcome to Toronto Buffet Breakfast—Room "C" (Convention Mezzanine)
10:30 A.M. Tour of the New City Hall (A short walk from Royal York Hotel) Groups form in Room "C"
12:00 Noon Leave City Hall by private cars, go to Toronto homes—Snack luncheon will be served
12:00 Noon Cars will pick up at York Street entrance of Royal York Hotel if City Hall Tour not taken (All return to Hotel by 2:00 P.M.)
*4:00 P.M. Buses leave for Stratford, Ontario from Royal York Hotel (entrance to be announced)
6:15 P.M. Cocktails—Victorian Inn, Stratford
7:00 P.M. Dinner—Victorian Inn, Stratford
8:30 P.M. "Romeo and Juliet"—Festival Theatre, Stratford (buses will return immediately after the play)

*Down Brothers Surgical Instruments have made a generous contribution towards this event

AUXILIARY OF THE CONGRESS OF
NEUROLOGICAL SURGEONS

THURSDAY, SEPTEMBER 26

- 11:00 A.M. Annual Meeting Luncheon and Fashion Show—Old Mill Restaurant. Buses leave, promptly, from Front Street Entrance, Royal York Hotel
- 6:30 P.M. Annual Reception and Cocktail Party—Concert Hall (Convention Floor)
- 7:30 P.M. Annual Banquet—Canadian Room (Convention Floor) Reception and Banquet in the presence of the Lieutenant-Governor of Ontario, The Honorable W. Ross Macdonald, P.C., C.D., Q.C., LL.D

DRESS OPTIONAL—PLEASE WEAR NAME BADGE

FRIDAY, SEPTEMBER 27

- 9:00 A.M. Coffee—Room "C" (Convention Mezzanine)
- 9:30 A.M. Presidential Address—John Shillito, Jr. and Presentation of the New President, Paul C. Sharkey—Canadian Room
Choice of one Tour
- ✓ 10:15 A.M. Tour "A", McMichael Collection of Canadian Art—Private Estate
- 10:15 A.M. Tour "B", Scarborough College—Campus University of Toronto
- 10:45 A.M. Tour "C", Casa Loma, 98 room "mediaeval" castle
- 10:45 A.M. Tour "D", Markham Village, shops, boutiques, galleries (Buses leave from Front Street Entrance, Royal York Hotel and will return about 1:00 P.M.) PLEASE BE PROMPT

FRIDAY AFTERNOON—FREE

SATURDAY, SEPTEMBER 28

- 9:00-11:00 A.M.
Coffee and Rolls—Room "C" (Convention Mezzanine)

NOTES

SPECIAL EVENTS

MONDAY, SEPTEMBER 23

- 8:00 A.M. Executive Committee Meeting—Prince Edward Island and Newfoundland Rooms (Main Mezzanine)
- 2:00-6:00 P.M. Registration—Convention Lobby (Convention Floor)
- 6:00 P.M. 1968 Annual Meeting Committee Conference—Saskatchewan Room (Main Mezzanine)
- 7:00-9:00 P.M. Residents' Beer Party—Roof Garden

TUESDAY, SEPTEMBER 24

- 7:00 A.M. Committee Breakfasts—Tudor Room (Main Mezzanine)
- 6:00-7:30 P.M. No Host Cocktail Party—Concert Hall (Convention Floor)
- 7:30 P.M. Past Presidents Dinner—University Club

WEDNESDAY, SEPTEMBER 25

- 7:15 A.M. Neurosurgical Residents' Breakfast—Ontario Room (Convention Floor)
- 4:00 P.M. Tour to Stratford, Ontario (Buses leave promptly at 4:00 P.M. (entrance to be announced))
- 7:00 P.M. Dinner—Victorian Inn, Stratford, Ontario
- 8:30 P.M. Festival Theatre—"Romeo and Juliet," Stratford, Ontario

THURSDAY, SEPTEMBER 26

- 6:30 P.M. Annual Reception and Cocktail Party—Concert Hall (Convention Floor)
- 7:30 P.M. Annual Banquet—Canadian Room (Convention Floor) Reception and Banquet in the presence of the Lieutenant-Governor of Ontario, The Honorable W. Ross Macdonald, P.C., C.D., Q.C., LL.D

FRIDAY, SEPTEMBER 27

- 7:30 A.M. 1969 Scientific Program Committee Breakfast—Prince Edward Island Room (Main Mezzanine)

SATURDAY, SEPTEMBER 28

- 7:00 A.M. 1969 Annual Meeting Committee Breakfast—Prince Edward Island Room (Main Mezzanine)
- 12:45 P.M. Executive Committee Meeting—Saskatchewan Room and Nova Scotia Room (Main Mezzanine)

OFFICE LOCATIONS

Registration: Convention Lobby (Convention Floor)

Message Center: Convention Lobby (Convention Floor)

Telephone 416 Area Code, 368-2511; Local E 120
(in service during sessions)

Congress Headquarters: Toronto Room (Convention Floor)

Press Room: Toronto Room (Convention Floor)

Auxiliary Headquarters: Room "C" (Convention Mezzanine)

NOTES

PROGRAM

MONDAY, SEPTEMBER 23

- 8:00 A.M. Executive Committee Meeting—Prince Edward Island
Room and Newfoundland Room (Main Mezzanine)
- 2:00-6:00 P.M.
Registration—Convention Lobby (Convention Floor)
- 6:00 P.M. 1968 Annual Meeting Committee Conference—Saskat-
chewan Room (Main Mezzanine)
- 7:00-9:00 P.M.
Residents' Beer Party—Roof Garden

NOTES

NOTES

TUESDAY, SEPTEMBER 24

7:00 A.M. Committee Breakfasts—Tudor Room (Main Mezzanine)

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

Registration—Convention Lobby

8:00 A.M.-5:30 P.M.

Exhibits—Ball Room, Parlors A and B (Convention Floor)

Seminars in Fundamental Neurological Surgery

Canadian Room (Convention Floor)

PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer—William S. Coxé

8:30 A.M. Cerebrovascular Dynamics, Intracranial Hypertension and Brain Edema—Introduction, Thomas W. Langfitt

8:45 A.M. Physiology of Cerebral Blood Flow—Martin Reivich

10:05 A.M. Intermission

10:20 A.M. Pathology of the Cerebral Circulation—Clark Millikan

11:40 A.M. Discussion and Questions

*12:15 P.M. Congress Luncheon—Canadian Room

PROGRAM

1:30 P.M. Intracranial Hypertension—Thomas W. Langfitt

2:50 P.M. Intermission

3:05 P.M. The Blood-Brain Barrier and Edema—Igor Klatzo

4:25 P.M. Discussion and Questions

6:00-7:30 P.M.

No Host Cocktail Party—Concert Hall (Convention Floor)

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

NOTES

WEDNESDAY, SEPTEMBER 25

7:15 A.M. Neurosurgical Residents' Breakfast—Ontario Room
(Convention Floor)*Barton A. Brown, Presiding*

8:00 A.M.-4:00 P.M.
Registration—Convention Lobby

8:00 A.M.-5:30 P.M.
Exhibits—Ball Room, Parlors A and B

Scientific Session—Canadian Room (Convention Floor)

PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer—Donald F. Dohn

8:30 A.M. Clinical Features of Intracranial Aneurysms
.....*H. J. M. Barnett*
Introduction Honored Guest—*Thomas P. Morley*

9:00 A.M. Intracranial Aneurysm Formations.....*Norman M. Dott*

9:30 A.M. Selection, Timing, and Technique of Aneurysm Surgery
.....*William Lougheed*

10:00 A.M. Intermission
Presiding Officer—W. F. Ross Fleming

10:20 A.M. Aneurysms of the Vertebro-Basilar Arteries
.....*Charles G. Drake*

10:50 A.M. Giant Intracranial Aneurysms.....*Thomas P. Morley*

11:20 A.M. Panel Discussion of Preceding Papers—All Speakers;
.....*E. H. Botterell, Moderator*

*12:30 P.M. Congress Luncheon—Canadian Room

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

PROGRAM

WEDNESDAY, SEPTEMBER 25

Member Participation Program Movies—Canadian Room

(Convention Floor)

PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer—David L. Kelly, Jr.

- 1:30 P.M. Combined Macro- and Micro-Approach to Lesions of the Cerebellopontine Angle
Lee Christoferson and Duane Nagle, Fargo, North Dakota
Richard Olafson, Discussor
- 1:55 P.M. Posterior Fossa Surgery
.....*Larry K. Page and John Shillito, Boston*
- 2:15 P.M. Extended Resection of Basal Cell Carcinoma of Scalp, Brain, and Face
.....*A. K. Ommaya, Robert Hoye, Alfred Ketcham, and J. D. Harrah, Washington, D. C.*
- 2:40 P.M. Peripheral Nerve Repair with Silastic Cupping
Thomas B. Ducker, George J. Hayes, Ludwig Kempe, and Darwin J. Ferry, Washington, D. C.
- 3:00 P.M. Fluorescein Angiography of the Cerebral Microcirculation
.....*William Feindel, Y. L. Yamamoto and C. P. Hodge, Montreal*
- 3:15 P.M. Hemispherectomy.....*W. James Gardner, Cleveland*
- *4:00 P.M. Tour to Stratford, Ontario—Buses leave promptly (entrance to be announced)
- 6:15 P.M. Cocktails—Victorian Inn, Stratford
- 7:00 P.M. Dinner—Victorian Inn, Stratford
- 8:30 P.M. "Romeo and Juliet"—Festival Theatre, Stratford (buses will return immediately after the play)

*Down Brothers Surgical Instruments have made a generous contribution towards this event

PROGRAM
THURSDAY, SEPTEMBER 26

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

Registration—Convention Lobby (Convention Floor)

8:00 A.M.-5:30 P.M.

Exhibits—Ball Room, Parlors A and B (Convention Floor)

Scientific Session—Canadian Room (Convention Floor)

PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer—Charles L. Branch

8:30 A.M. The EEG as a Diagnostic Tool in Neurosurgery
.....*Donald Lloyd-Smith*

9:00 A.M. Localization of Cerebral Lesions by Psychological
Testing.....*Brenda Milner*

9:30 A.M. The Surgical Treatment of Epilepsy
.....*Theodore Rasmussen*

10:00 A.M. Intermission
Presiding Officer—Robert G. Ojemann

10:20 A.M. Neuroleptic Drugs in Neurosurgical Anesthesia
.....*Fred Brindle*

10:50 A.M. Abnormalities of the Cranio-Spinal Junction
.....*D. L. McRae*

11:20 A.M. Panel Discussion of Preceding Papers—All Speakers;
.....*William Feindel, Moderator*

*12:00 Noon Congress Luncheon—Concert Hall (Convention Floor)

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

PROGRAM

THURSDAY, SEPTEMBER 26

Member Participation Program—Canadian Room

(Convention Floor)

PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer—David L. Kelly, Jr.

- 1:00 P.M. The Teen-Age "Lumbar Disc Syndrome"
.....*Sanford R. Weiss and Robert Raskind,*
Oakland, California
- 1:15 P.M. Intermittent Claudication-Like Syndrome Due to Lesions
of the Lumbar Spine
.....*Robert M. Johnson, Hendrik J. Svien and*
G. J. Kavanaugh, Rochester, Minnesota
- 1:30 P.M. Pathogenesis of Chronic Subdural Hematomas: Ultra-
structural Observations.....*Kenneth R. Smith, St. Louis*
- 1:45 P.M. Spontaneous Hypertensive Cerebellar Hemorrhage
.....*Robert Selker, Atlanta*
- 2:00 P.M. On the Delayed Apoplexy of Trauma.....*Marc A. Morin*
.....*and Frederick W. Pitts, Los Angeles*
- 2:15 P.M. Carotid Cavernous Arteriovenous Fistula
.....*Norman M. Dott, Edinburgh, Scotland*
- 2:30 P.M. Intermission
- 2:50 P.M. Effects of Anticholinergics on Gastric Secretion in the
Comatose Patient.....*Clark C. Watts, Carlos Acosta*
and W. Kemp Clark, Dallas
- 3:00 P.M. Cerebrovascular Spasm: Its Production, Modification,
and Catecholamine Morphology in the Laboratory
Animal.....*Richard A. R. Fraser, Bennett M. Stein,*
.....J. Lawrence Pool and R. E. Barrett, New York City
- 3:15 P.M. Transitory Psychotic Behavior Following Operation for
Tumors of the Cerebellopontine Angle
.....*Michael Scott, Philadelphia*
- 3:30 P.M. Development of an Experimental Tumor in Monkey
Brain.....*Michael D. Walker, Baltimore*