



**20th ANNIVERSARY MEETING**  
**CONGRESS OF NEUROLOGICAL SURGEONS, INC.**



**OCTOBER 27-30, 1970**

**CHASE-PARK PLAZA HOTEL**

**ST. LOUIS**

	Monday Oct. 26	Tuesday Oct. 27	Wednesday Oct. 28	Thursday Oct. 29	Friday Oct. 30	Saturday Oct. 31
Breakfast		Committee Breakfasts 7:30-8:30 a.m. Regency Room	Residents Breakfast 7:30-8:30 a.m. Starlight Roof	1971 Scientific Program Comm. Breakfast 7-8:30 a.m. Park Room International Comm. 7:00-8:30 Embassy Room	1971 Annual Meeting Comm. 7-9 a.m. Park Room	
Morning Sessions	Executive Comm. Meeting 7:15 a.m. Colonial & Park Rooms	Scientific Sessions Seminars 9-12 noon Khorassan Room	Scientific Sessions 9-12:30 p.m. Khorassan Room	Scientific Sessions 8:30-12:30 p.m. Khorassan Room	Scientific Sessions 9-12:30 p.m. Khorassan Room	Executive Comm. Meeting 8-12 noon Park & Coach Rooms
Luncheon	Luncheon "A" 12-1:30 p.m. Chase Club	NO SCHEDULED LUNCHEON		Luncheon "B" 12:30-1:30 p.m. Chase Club	Luncheon "C" 12:30-1:30 p.m. Chase Club	
Afternoon Sessions	Executive Comm. Meeting 12:00-5:00 p.m. Colonial & Park Rooms	<b>FREE AFTERNOON OPTIONAL TOURS:</b> 2:00 p.m. Busch Brewery/2:15 p.m. —Planetarium (Buses leave Chase-Park Plaza Lindell Blvd. Entr.) Khorassan Room		Member Participation 1:30-4:30 p.m. Khorassan Room Scientific Sessions Annual Bus. Mtg. 4:30-5:30 p.m. Khorassan Room	Scientific Sessions 1:45-4:50 p.m. Khorassan Room	
Special Functions	1970 Annual Meeting Comm. 6-7 p.m. Lido Room Placement Comm. 6:30-7 p.m. Chippendale Rm.	No Host Cocktail Party 6:30-8:00 p.m. Zodiac & Starlight Roof	SHOWBOAT (Buses leave Chase-Park Plaza at 6:30 from Lindell Blvd. Entrance) 7-Midnight	CNS Annual Reception 6:30-7:30 p.m. Regency & Khorassan CNS Dinner Dance 7:30-Midnight Khorassan Room	Depart for Lake of the Ozarks by bus-7:30 p.m.	
Registration Exhibits	1-6 p.m. Closed	8-5 8-5	8-4 8-12:30	8-4 8-5:30	8-4 8-5	Closed Closed

PROGRAM  
OF THE  
TWENTIETH ANNIVERSARY MEETING  
OF

The Congress of Neurological  
Surgeons, Inc.

OCTOBER 27-30, 1970

*"Neurosurgery: Past, Present and Future"*

*and*

*"Consciousness and Sleep"*

CHASE-PARK PLAZA HOTEL  
ST. LOUIS, MISSOURI

## OFFICE LOCATIONS

Registration—Chase Lounge (Will open Monday 1-6 p.m.)

Message Center — Chase Lounge (Compliments of Southwestern Bell Telephone) (Telephone No. AC-314 367-4480)

Congress Headquarters — Lido Room (Rear of Main Lobby, Chase)

Press Room — Lido Room

Auxiliary Headquarters — Crown Room (1st Floor, Park Plaza)

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*Honored Guest*  
1970



BARNES WOODHALL, M.D.  
James B. Duke Professor of Neurosurgery  
Duke University, Durham, N. C.

## DR. BARNES WOODHALL

Dr. Barnes Woodhall, James B. Duke Professor of Neurosurgery at Duke University, Durham, North Carolina came to Duke University in 1937 to the Medical School faculty as Assistant Professor, in which capacity he served until 1946. Dr. Woodhall received his training in neurological surgery at Johns Hopkins University, where he was intern, resident and instructor.

Dr. Woodhall's career record at Duke University has been one of outstanding achievement. At Duke University, Dr. Woodhall has served as Professor of Neurosurgery; Dean of the School of Medicine; Assistant Provost; and Vice Provost. On June 30, 1964 he relinquished his deanship to devote full time to his duties as Vice Provost of the University and was subsequently appointed Associate Provost in 1967 and then Special Assistant to the President in 1969. Dr. Woodhall was appointed Chancellor Pro Tem of Duke University on March 7, 1969 and was appointed James B. Duke Professor of Neurosurgery on July 1, 1969.

Dr. Woodhall compiled an impressive wartime record serving as Lt. Col., Army Medical Corps (1942-46), as neurosurgical consultant to the Surgeon General, Army Medical Corps and as Chief of Neurosurgery at Walter Reed General Hospital, Washington, D. C. Dr. Woodhall was awarded the Legion of Merit in 1946 for his remarkable work dealing with injuries to the major peripheral nerve trunks.

In addition to more than 150 papers published in scientific journals, Dr. Woodhall is co-editor and contributor to the two-volume "History of Neurosurgery in World War II," published under the direction of the U. S. Army Surgeon General (1955).

## PAST HONORED GUESTS

Prof. Herbert Olivecrona .....	1952
Sir Geoffrey Jefferson .....	1953
Dr. Kenneth G. McKenzie .....	1954
Dr. Carl W. Rand .....	1955
Dr. Wilder G. Penfield .....	1956
Dr. Francis C. Grant .....	1957
Dr. A. Earl Walker .....	1958
Dr. William J. German .....	1959
Dr. Paul C. Bucy .....	1960
Dr. Eduard A. V. Busch .....	1961
Dr. Bronson S. Ray .....	1962
Dr. James L. Poppen .....	1963
Dr. Edgar A. Kahn .....	1964
Dr. James C. White .....	1965
Dr. Hugo Krayenbuhl .....	1966
Dr. W. James Gardner .....	1967
Prof. Norman M. Dott .....	1968
Dr. Wallace B. Hamby .....	1969



## FOUNDING MEMBERS

These members met in St. Louis on May 10, 1951:

F. S. Barringer  
Leon M. Becker  
Carroll A. Brown  
Bland W. Cannon  
Richard L. DeSaussure  
John W. Devanney  
Franklin Earnest, III  
Edward M. Gates  
James R. Gay  
Philip D. Gordy  
Warren C. Hastings  
John A. Hetherington  
Nathaniel R. Hollister  
Donathan Ivey  
Thomas M. Marshall  
F. A. Palazzo  
Fred C. Rehfeldt  
Elmer C. Schultz  
H. J. Svien  
Donald B. Sweeney  
A. Roy Tyrer  
Edgar N. Weaver

## GUEST SPEAKERS AND MODERATORS

- Charles E. Brackett, M.D.—Acting Dean and Provost, University of Kansas Medical Center, Kansas City, Kansas.
- Kemp Clark, M.D.—Professor and Chairman, Division of Neurological Surgery, University of Texas Medical School, Dallas, Texas.
- Thomas F. Dougherty, Ph.D.—Professor and Chairman, Department of Anatomy and Radiobiology Divisions, University of Utah, Salt Lake City, Utah.
- William Feindel, M.D.—William Cone Professor of Neurosurgery, McGill University and Montreal Neurological Institute, Montreal, Quebec.
- C. Miller Fisher, M.D.—Associate Clinical Professor of Neurology, Harvard Medical School, Boston, Massachusetts.
- Sidney Goldring, M.D.—Professor of Neurological Surgery, Washington University, St. Louis, Missouri.
- Alexander Gottschalk, M.D.—Director, Argonne Cancer Research Hospital and Professor, Department of Radiology, University of Chicago Hospitals and Clinics, Chicago, Illinois.
- Walton L. Jones, M.D.—Director, Biotechnology and Human Research Division, National Aeronautics and Space Administration, Washington, D. C.
- Walpole Lewin, M.S., F.R.C.S.—Department of Neurological Surgery and Neurology, The United Cambridge Hospitals, Addenbrooke's Hospital, Cambridge, England.
- Richard C. Lillehei, M.D.—Professor of Surgery, University of Minnesota, Department of Surgery, Mayo Memorial Building, Minneapolis, Minnesota.
- Robert B. Livingston, M.D.—Professor of Neurosciences, University of California, San Diego, La Jolla, California.
- Ronald Melzack, M.D.—Professor, Psychology Department, McGill University, Montreal, Quebec.
- John F. Mullan, M.D.—Chief, Division of Neurological Surgery and Acting Chairman of Department of Surgery, University of Chicago Hospitals, Chicago, Illinois.
- E. Latunde Odeku, M.D.—Professor of Surgery (Neurosurgery), Faculty of Medicine, University of Ibadan, Ibadan, Nigeria.

- Robert G. Ojemann, M.D.—Neurosurgeon, Massachusetts General Hospital, Assistant Clinical Professor of Surgery, Harvard Medical School, Boston, Massachusetts.
- George F. Pennal, M.D.—Assistant Professor of Orthopaedic Surgery, University of Toronto, Toronto, Ontario.
- Fred Plum, M.D.—Professor and Chairman, Department of Neurology, Cornell University Medical College, New York, New York.
- Joseph Ransohoff, M.D.—Professor and Chairman, Department of Neurosurgery, New York University-Bellevue Medical Center, New York, New York.
- Charles Dean Ray, M.D.—Vice Director, F. Hoffmann-La Roche & Co., Ltd. Chief, Biomedical Engineering Research & Development, Basel, Switzerland.
- Donald Reis, M.D.—Associate Professor of Neurology, Cornell University Medical College, New York, New York.
- Henry G. Schwartz, M.D.—August A. Busch, Jr. Professor of Neurological Surgery, Washington University and Neurosurgeon-in-Chief, Barnes Hospital, St. Louis, Missouri.
- Frederick Snyder, M.D.—Chief, Laboratory of Clinical Psychobiology, National Institute of Mental Health, Bethesda, Maryland.
- Ralph A. Straffon, M.D.—Chief, Department of Urology, Cleveland Clinic Foundation, Cleveland, Ohio.
- William A. Sweet, M.D., D.Sc.—Chief, Neurosurgical Service, Massachusetts General Hospital, Boston, Massachusetts.
- Charles B. Wilson, M.D.—Professor and Chairman, Division of Neurological Surgery, University of California, San Francisco, California.

## SCIENTIFIC EXHIBITORS

### Exhibit Hall

- "Five Year Experience with Isotope Cisternography and Ventriculography"—  
F. E. Glasauer, G. J. Alker and E. V. Leslie, Buffalo, New York.
- "Preliminary Clinical Evaluation of Three-Dimensional Time Sequence Radio-  
graphy (Tridex)" — R. Hoppenstein, M. M. Schechter, R. A. Hayes,  
J. Neidle, and J. J. Fouquart, New York, N. Y.
- "Effects of Corticosteroid on Peritumor Brain Swelling and Associated Neuro-  
logic Deficit" — James D. Weinstein, Hospital of University of Pennsyl-  
vania, Philadelphia, Pennsylvania.
- "Neurofibromatosis with Paraplegia" — Burr H. Curtis, Robert L. Fisher,  
Walter L. Butterfield and Francis P. Saunders, Newington Children's Hos-  
pital, Newington, Connecticut.
- "Reduction of CSF Pressure by Chemotherapy: A Comparative Study" — H.  
Hooshmand, Medical College of Virginia, Richmond, Virginia.
- "Trigeminal Neuralgia" — Donald F. Dohn, Cleveland Clinic, Cleveland, Ohio.
- "The Zig Zag Ventriculo-Peritoneal Shunt" — Arthur B. Eisenbrey and Philip  
J. Huber, Michigan Children's Hospital, Detroit, Michigan.
- "Medcassettes, A New Educational Method of Teaching, Utilizing Cine and  
Sound on a Cassette Utilizing the Norelco PIP Projector" — Cdr. F. E.  
Jackson, M. C., USN, Naval Hospital, Camp Pendleton, California.
- "Cerebral Blood Flow in Adult Hydrocephalus"—James H. Salmon, Cincinnati,  
Ohio
- "Deliberate Hypotension with Positive Airway Pressure and Halothane"—  
Joseph Ransohoff, NYU College of Medicine, New York, N. Y.
- "Pathologic Diagnosis of Stroke" — Sanford R. Weiss and Robert Raskind,  
Kaiser Hospital, Oakland, California
- "Neurosurgical Treatment of Intractable Pain"—Philip L. Gildenberg, Cleve-  
land, Clinic, Cleveland, Ohio
- "Twist Drill Ventriculography in 103 Cases"—Sanford R. Weiss and Robert  
Raskind, Kaiser Hospital, Oakland, California

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

"Anterior Communicating Artery Aneurysms — The Gyrus Rectus Approach" — Col. Ludwig G. Kempe and Maj. Gary D. VanderArk, Walter Reed General Hospital, Washington, D. C.

"Contrast Radiography with Acrylic-wire Mesh Cranioplasty" — Richard H. Moiel and H. Stephan Goldberg, Baylor College of Medicine, Houston, Texas.

"Air Embolism-Ultrasonic Diagnosis" — Joe Maroon, John Waymire and R. L. Campbell, Indiana University Medical Center, Indianapolis, Indiana.

"The History and Treatment of Parkinsonism" — George Paulson, Norwich, New York.

"(1) Endarterectomy Shunt", (2) "Carotid Bifurcation Graft" — Kazem Fathie, Cedar Rapids, Iowa

"Respiratory Monitor" — Ernest Sachs, Jr., Hanover, N. H.

"Intracranial Hypertension During Anesthesia" — Glenn A. Meyer, Galveston, Texas

#### SPECIAL EXHIBITS

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

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

"Foundation For International Education in Neurological Surgery" — R. Thompson and R. Tyrer

"Congress Historical Exhibit" — R. DeSaussure

## COMMERCIAL EXHIBITORS

### Exhibit Hall

American Silk Sutures  
Avery Laboratories, Inc.  
Cameron-Miller Surgical Instruments Co.  
Codman and Shurtleff, Inc.  
Concept, Inc.  
Cordis Corporation  
Depuy, Inc.  
Diagnostic Electronics Corporation  
Dow Corning Corporation  
Downs Surgical, Inc.  
Eaton Laboratories  
Ethicon, Inc.  
Extracorporeal Medical Specialties, Inc.  
Frigitronics, Inc.  
Gambale and Merrill Corporation  
Growth Science Education Corporation  
Hoffrel Instruments, Inc.  
Holco Instruments Corporation  
Hospital Equipment Company  
Kilgore International  
Medical Plastics Laboratories, Inc.  
Medserco, Inc.  
N & H Instruments, Inc.  
Picker Corporation  
Radionics, Inc.  
Rohe Scientific Corporation  
Ruggles Corporation  
Smith-Kline Instruments, Inc.  
Storz Instrument Company  
Stryker Corporation  
Edward Weck & Company  
Zimmer

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James T. Robertson	Treasurer

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Julian R. Youmans	1967-70
George L. Becker, Jr.	1968-71
George T. Tindall	1968-71
Barton A. Brown	1969-72
J. F. Ross Fleming	1969-72

## 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
Paul C. Sharkey	1968-1969

\*Deceased

# CONGRESS OF NEUROLOGICAL SURGEONS

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Host Chairman	Albert L. Rhoton, Jr.
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A. Roy Tyrer, Jr.

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(Continued Next Page)

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**—Continued**

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Maintaining Continued High Levels  
of Neurosurgical Practice**

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Norman H. Gahm

**Membership Committee**  
**—Continued**

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Albert L. Rhoton, Jr.  
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In Neurological Disorders**

Richard L. DeSaussure

**Newsletter**

Barton A. Brown

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Sabbatical Interchange Opportunities**

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**Representative, American Board of  
Neurological Surgery**

Richard L. DeSaussure

**Representative, Board of Governors  
American College of Surgeons**

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Education in Neurosurgery, AANS**

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**Representative, Joint Committee of  
Specialty Societies on Legislation**

Paul C. Sharkey

**Representative, National Council  
National Society Medical Research**

John R. Russell  
Ruth K. Jacoby, Alternate

**Representatives, Planning-Liaison  
Committee AANS**

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John M. Thompson

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Neurosurgical Societies 1969-73**

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A. Roy Tyrer, Jr.  
Philip D. Gordy, Alternate

**Delegates to President's Committee  
On Employment of Handicapped**

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

**Plan Now For Miami in 1971  
TWENTY-FIRST ANNUAL MEETING  
CONGRESS OF NEUROLOGICAL SURGEONS**

**Americana Hotel, Bal Harbor**

**October 12-16, 1971**

## 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
St. Louis .....	1970

## FUTURE MEETINGS

Miami .....	1971
Denver .....	1972
New Orleans .....	1973
Vancouver, B. C. ....	1974
Atlanta .....	1975

## AUXILIARY OF THE CONGRESS OF NEUROLOGICAL SURGEONS

Mrs. John M. Thompson (Dorothy)	President
Mrs. Donald F. Dohn (Betty)	President-Elect
Mrs. John N. Meagher (Maxine)	Vice-President
Mrs. Bernard S. Patrick (Jo)	Secretary
Mrs. James T. Robertson (Valeria)	Treasurer
Mrs. Kenneth R. Smith (Marjorie)	Chairman Program Committee
Mrs. Albert Rhoton (Joyce)	Chairman Host Committee
Mrs. John N. Meagher (Maxine)	Chairman Congress Committee
Mrs. Stevenson Flanigan (Sue)	Chairman Membership Committee
Mrs. Richard deSaussure (Phyllis)	Chairman Constitution Committee
Mrs. William H. Mosberg (Barbara)	Chairman Scientific & Education Committee

### BOARD OF DIRECTORS

Mrs. Paul C. Sharkey (Katherine)	Ex-Officio
Mrs. Robert G. Ojemann (Jean)	
Mrs. Theodore Roberts (Joan)	
Mrs. Shelley Chou (Jolene)	
Mrs. Jim L. Story (Joanne)	
Mrs. Albert L. Rhoton (Joyce)	Alternate

### NOMINATING COMMITTEE

Mrs. Ross Fleming (Patricia)	Chairman
Mrs. Robert Elgie (Nancy)	
Mrs. David L. Kelly (Sally)	
Mrs. Bruce F. Sorensen (Suzanne)	

### 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 (Nancy)	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 (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
Mrs. Lycurgus M. Davey (Artemis)	1967-1968
Mrs. Paul C. Sharkey (Katherine)	1968-1969

## AUXILIARY OF THE CONGRESS OF NEUROLOGICAL SURGEONS

Auxiliary Headquarters and Hospitality Room—  
Crown Room—Park Plaza — 1st Floor  
Open Daily 9:00 A.M. (With coffee on Friday)

### PLEASE WEAR NAME BADGE

#### TUESDAY, OCTOBER 27

- 10:30-11:30 a.m. Board of Directors Meeting—President's Suite
- 11:30 a.m.- 1:00 p.m. Board of Directors Lunch—Colonial Room (3rd Floor-Chase)
- 1:00- 4:00 p.m. Tour of Powell Symphony Hall—Hear Symphony in rehearsal.  
Tour of Shaw's Garden, Tea (Buses leave promptly from Lindell Blvd. Exit)
- 6:30- 8:00 p.m. No Host Cocktail Party—Zodiac & Starlight Rooms (Chase Roof)

#### WEDNESDAY, OCTOBER 28

- 9:00-11:00 a.m. "Welcome to St. Louis" Continental Breakfast—Zodiac Room (Chase Roof) Honoring guests, new members and residents' wives

#### FREE AFTERNOON

##### Optional Tours

- 2:00- 4:00 p.m. Visit to Anheuser Busch Brewery (Buses leave Chase at 2:00 p.m. from Lindell Blvd. exit)
- 2:15- 4:00 p.m. Visit to McDonnell Planetarium (Buses leave Chase at 2:15 from Lindell Blvd. exit)
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- 6:30 p.m.-Midnight Evening on Goldenrod Showboat—Dinner and Show (Buses leave Lindell Blvd. exit promptly at 6:30 p.m.)

### THURSDAY, OCTOBER 29

- 11:00 a.m.- 2:30 p.m. Annual Business meeting, Lunch, Fashion Show of Creative Sewing—Eunice Farmer, Speaker—Cheshire Inn (Buses leave promptly from Lindell Blvd. Exit)
- 6:30- 7:30 p.m. Annual Reception and Cocktail Party—Regency & Khorassan Rooms (1st Floor, Chase)
- 7:30 p.m.-Midnight Annual Dinner Dance—Khorassan  
Recognition of Honored Guest, Dr. Barnes Woodhall,  
Presentation of gavel by Auxiliary President

**Dress Optional—Please Wear Name Badge**

### FRIDAY, OCTOBER 30

- 9:00-11:00 a.m. Coffee—Crown Room (Lobby—Park-Plaza)
- 11:25 a.m. Presidential Address, John M. Thompson, and Presentation of New President, Donald F. Dohn—Khorassan Room (1st Floor, Chase)
- 1:00- 4:00 p.m. Grand Bus Tour-Highlights of the City, Campbell House, DeMenil Mansion, Levee and Waterfront
- 7:30 p.m. Post Convention Scientific Session — Depart by bus for The Lodge of the Four Seasons, Lake of the Ozarks, Missouri. Return on Monday, November 2 to St. Louis, to arrive around 1:00 p.m.



## SPECIAL EVENTS

### MONDAY, OCTOBER 26

- 7:15 a.m.- 5:00 p.m. Executive Committee Meeting—Colonial and Park Rooms (3rd Floor, Chase)
- 6:00- 7:00 p.m. 1970 Annual Meeting Committee Conference  
Lido Room (Main Lobby, Chase)
- 6:30- 7:00 p.m. Placement Committee (Open for those seeking placement and for those seeking associates)—Chippendale Room (Mezzanine, Park-Plaza)

### TUESDAY, OCTOBER 27

- 7:30- 8:30 a.m. Committee Breakfasts—Regency Room (Lobby-Chase)
- 9:00 a.m.- 4:30 p.m. Seminars in Fundamental Neurological Surgery—Khorassan Room (Rear of Main Lobby, Chase)
- 6:30- 8:00 p.m. No Host Cocktail Party — Zodiac & Starlight Roof (Chase Roof)

**Dress Optional—Please Wear Name Badge**

### WEDNESDAY, OCTOBER 28

- 7:30- 8:30 a.m. Neurosurgical Residents' Breakfast — Starlight Room (Roof of Chase)

### THURSDAY, OCTOBER 29

- 7:00- 8:30 a.m. 1971 Scientific Program Committee Breakfast—Park Room (3rd Floor, Chase)
- 7:00- 8:30 a.m. International Committee Breakfast—Embassy Room
- 1:30- 4:30 p.m. Member Participation Program—Khorassan Room
- 4:30- 5:30 p.m. 1970 Annual Business Meeting (Members Only)  
Khorassan Room (Rear of Main Lobby, Chase)
- 6:30- 7:30 p.m. Annual Reception and Cocktail Party—Regency and Khorassan Room
- 7:30 p.m.-Midnight Annual Banquet—Khorassan Room

**Dress Optional—Please Wear Name Badge**

## Special Events—Cont.

### FRIDAY, OCTOBER 30

- 7:00- 9:00 a.m. 1971 Annual Meeting Committee Breakfast — Park Room (3rd Floor—Chase)
- 11:30 a.m. Presidential Address — John M. Thompson. Presentation of New President, Donald F. Dohn—Khorassan Room

### SATURDAY, OCTOBER 31

- 8:00 a.m.-12:00 Noon Executive Committee Meeting—Park and Coach Rooms (3rd Floor—Chase)

## OFFICE LOCATIONS

Registration—Chase Lounge (Will open Monday 1-6 p.m.)

Message Center — Chase Lounge (Compliments of Southwestern Bell Telephone) (Telephone No. AC-314 367-4480)

Congress Headquarters — Lido Room (Rear of Main Lobby, Chase)

Press Room — Lido Room

Auxiliary Headquarters — Crown Room (1st Floor, Park Plaza)

# CONGRESS OF NEUROLOGICAL SURGEONS PROGRAM

TUESDAY, OCTOBER 27

- 7:30- 9:00 a.m. Committee Breakfasts—Regency Room (Main Lobby, Chase)
- 8:00 a.m.- 5:00 p.m. Registration—Chase Lounge (Main Lobby)
- 8:00 a.m.- 5:00 p.m. Exhibits (Commercial and Scientific) — Exhibit Hall (Beneath Khorassan Room)

**Complimentary Rolls and Coffee (8-9 a.m.) In Exhibit Area**  
**Coffee Served Continuously in Exhibit Area**

## SEMINARS IN FUNDAMENTAL NEUROLOGICAL SURGERY

**Khorassan Room (Rear of Main Lobby, Chase)**

**PLEASE WEAR NAME BADGE FOR ADMISSION**

Presiding Officer — Perry Black

- 9:00 a.m. The Role of Biogenic Amines in Affective States and Sleep  
..... Donald Reis
- 10:10 a.m. Intermission—Coffee, Regency Foyer
- 10:30 a.m. Neurophysiology of Consciousness, Sleep, and Anesthesia  
..... Robert B. Livingston
- 11:40 a.m. Discussion and questions
- \*12:00 Noon Congress Luncheon — Chase Club (off Main Lobby, Chase)
- 1:30 p.m. Psychophysiology of Human Sleep  
..... Frederick Snyder
- 2:40 p.m. Intermission — Coffee, Regency Foyer
- 3:00 p.m. Clinical Aspects of Coma  
..... Fred Plum
- 4:10 p.m. **Discussion and questions**
- 6:30- 8:00 p.m. No Host Cocktail Party — Zodiac and Starlight Roof (Roof of Chase)

**DRESS OPTIONAL—PLEASE WEAR NAME BADGE**

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

## PROGRAM

### WEDNESDAY, OCTOBER 28

- 7:30- 8:30 a.m. Residents' Breakfast Starlight Room (Roof of Chase)  
8:00 a.m.- 4:00 p.m. Registration—Chase Lounge (Main Lobby)  
8:00 a.m.- 5:00 p.m. Exhibits (Commercial and Scientific) — Exhibit Hall (Beneath Khorassan Room)

**Complimentary Rolls and Coffee (8-9 a.m.) In Exhibit Area**  
**Coffee Served Continuously in Exhibit Area**

### SCIENTIFIC SESSION

**Khorassan Room (Rear of Main Lobby, Chase)**

**Please Wear Name Badge For Admission**

Presiding Officer — John M. Thompson

- 9:00 a.m. Normal Pressure Hydrocephalus  
..... Robert Ojemann  
9:30 a.m. History of Neurosurgery — The Dandy Era  
..... Barnes Woodhall  
10:00 a.m. The Cerebral Microcirculation in Man  
..... William Feindel  
10:30 a.m. Intermission — Coffee, Regency Foyer  
10:50 a.m. Cerebral Infarction — Lesser Known Kinds  
..... Miller Fisher  
11:20 a.m. Spontaneous Intracerebral Hemorrhage  
..... Joseph Ransohoff  
11:50 a.m. Panel Discussion of Preceding Papers — All Speakers  
Moderator: Henry G. Schwartz

### NO SCHEDULED LUNCHEON—FREE AFTERNOON

#### OPTIONAL TOURS

- 2:00- 4:00 p.m. Visit to Anheuser Busch Brewery (Busses leave Chase at 2:00 p.m. from Lindell Blvd. exit)  
2:15- 4:00 p.m. Visit to McDonnell Planetarium (Buses leave Chase at 2:15 p.m. from Lindell Blvd. exit)
- 
- 6:30 p.m.-Midnight Evening on the Goldenrod Showboat — Riverfront (Buses leave Chase-Park Plaza at 6:30 p.m. from Lindell Blvd. Entrance) Dinner-Jazz-Melodrama

## PROGRAM

### THURSDAY, OCTOBER 29

- 7:00- 8:30 a.m. 1971 Scientific Program Committee Breakfast — Park Room (3rd Floor—Chase)
- 7:00- 8:30 a.m. International Committee Breakfast Embassy Room (3rd Floor, Chase)
- 8:00 a.m.- 4:00 p.m. Registration—Chase Lounge (Main Lobby)
- 8:00 a.m.- 5:00 p.m. Exhibits (Commercial and Scientific) — Exhibit Hall (Beneath Khorassan Room)

**Complimentary Rolls and Coffee (8-9 a.m.) In Exhibit Area  
Coffee Served Continuously in Exhibit Area**

### SCIENTIFIC PROGRAM

Khorassan Room (Rear of Main Lobby, Chase)

**Please Wear Name Badge For Admission**

Presiding Officer — J. F. Ross Fleming

- \*\*8:30 a.m. New Instrumentation for in vivo Metabolic Determinations of Brain Function  
..... Charles Ray
- 9:00 a.m. Brain Energetics  
..... Barnes Woodhall
- 9:30 a.m. Space Age Biomedical Research Methods  
..... Walton L. Jones
- 10:00 a.m. Brain Scanning — Successes, Limitations and Future Developments  
..... Alexander Gottschalk
- 10:30 a.m. Intermission — Coffee, Regency Foyer
- 10:50 a.m. Monitors, Ventilators, and the Neurosurgeon  
..... Charles Brackett
- 11:20 a.m. Towards a Visual Prosthesis  
..... Walpole Lewin
- 11:50 a.m. Panel Discussion of Preceding Papers — All Speakers  
Moderator: Sidney Goldring
- \*12:30 Luncheon — Chase Club (Off Main Lobby, Chase)

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

\*\*Please note that the Scientific Session starts one-half hour earlier than usual.

## PROGRAM

THURSDAY, OCTOBER 29, 1970

### MEMBER PARTICIPATION PROGRAM

Khorassan Room (Rear of Main Lobby, Chase)  
Presiding Officer — Jim L. Story

- 1:30 p.m. Evaluation of Head and Neck Infusion of Drugs  
..... Michael D. Walker, Baltimore
- 1:40 p.m. New Concepts in The Chemotherapy of Brain Tumors  
..... James I. Ausman; Victor A. Levin; Willis E. Brown, Jr., Minneapolis
- 1:50 p.m. Successful Treatment of Chorio-Carcinoma of the Brain  
..... Thomas J. Stilp; Paul C. Bucy; John I. Brewer; Thomas Eckman, Chicago
- 2:00 p.m. Technique of Cranioplasty Utilizing Methylmethacrylate and the Pneumatic Craniotome  
..... Frederick E. Jackson, Camp Pendleton, California
- 2:10 p.m. The Bacterial Contamination of Indriven Bone Fragments Secondary to Missile Wounds in Vietnam  
..... Michael E. Carey, New Orleans; Harold Young, Denver; Jacob L. Mathis, Phoenixville, Pennsylvania
- 2:20 p.m. Bischof's Myelotomy for Spastic Paraplegia: A Clinical and Electrophysiological Evaluation  
..... Rose Davis; Kenneth Casey, Ann Arbor
- 2:30 p.m. Carotid Endarterectomy: Prophylactic or Therapeutic?  
Anthony E. Gallo, Jr.; Steven G. Goldstein, Portland, Oregon
- 2:40 p.m. The Effect of Intracranial Hypotension on Cortical Blood Flow  
..... James H. Salmon, Cincinnati
- 2:50 P.M. Carotid-Cavernous Fistula: A Technique for Occlusion of Fistula with Preservation of Carotid Blood Flow  
..... Perry Black; Milos Perovic; Sumio Uematsu; A. Earl Walker, Baltimore
- 3:00 p.m. Intermission — Coffee, Regency Foyer
- 3:15 p.m. The CSF Infusion Test for Hydrocephalus  
James R. Nelson; Stanley J. Goodman; Donald P. Becker, San Diego
- 3:25 p.m. Mental Development in Hydrocephalics: Effect of Elapsed Time Between Meningocele Repair and Shunt  
..... Robert G. Selker; Elias Chalhub; Marjorie Steward Nancy Cairns; Chicago

## Member Participation Program—Cont.

THURSDAY, OCTOBER 29, 1970

- 3:35 p.m. Treatment of Intractable Pseudotumor Cerebri with Subarachnoid-Peritoneal Shunt  
Gary D. VanderArk; Ludwig G. Kempe; Donald R. Smith; Washington, D.C.
- 3:45 p.m. Middle Fossa Section of the Nervus Intermedius for Intractable Otagia  
..... William E. Hitzelberger, Los Angeles
- 3:55 p.m. Microsurgical Neurovascular Decompression in Hemifacial Spasm: Electron Microscopic and Electro-Myographic Correlations  
..... Peter J. Jannetta; Hector LeBlanc; John D. Jackson; Earl R. Hackett; John R. Ruby; New Orleans
- 4:05 p.m. Assessment of Early Platelet Activity in Subarachnoid Hemorrhage and Middle Cerebral Artery Occlusion in the Cat  
..... Ira Denton; James T. Robertson; Memphis
- 4:15 p.m. The Effects of Subarachnoid Blood on the Electro-Corticogram of the Cat  
..... Philip Levitt; William P. Wilson; Robert H. Wilkins; Durham
- 4:25 P.M. Cold Saline Spinal Injection for Intractable Pain  
..... Robert Raskind, Sanford Weiss, Robert S. Blum  
..... Jorge Huertas; Oakland and Redwood City, California
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- 4:40- 5:30 p.m. Annual Business Meeting (Members Only)—Khorassan Room
- 6:30- 7:30 p.m. Annual Reception and Cocktail Party  
Regency and Khorassan Room
- 7:30 p.m.-Midnight Annual Banquet — Khorassan Room

**Dress Optional—Please Wear Name Badge**