

Program



ERUDITIO / OBSERVANTIA / SOCIETAS

THIRTEENTH ANNUAL MEETING

CONGRESS OF NEUROLOGICAL SURGEONS, INC.

OCTOBER 9-12, 1963

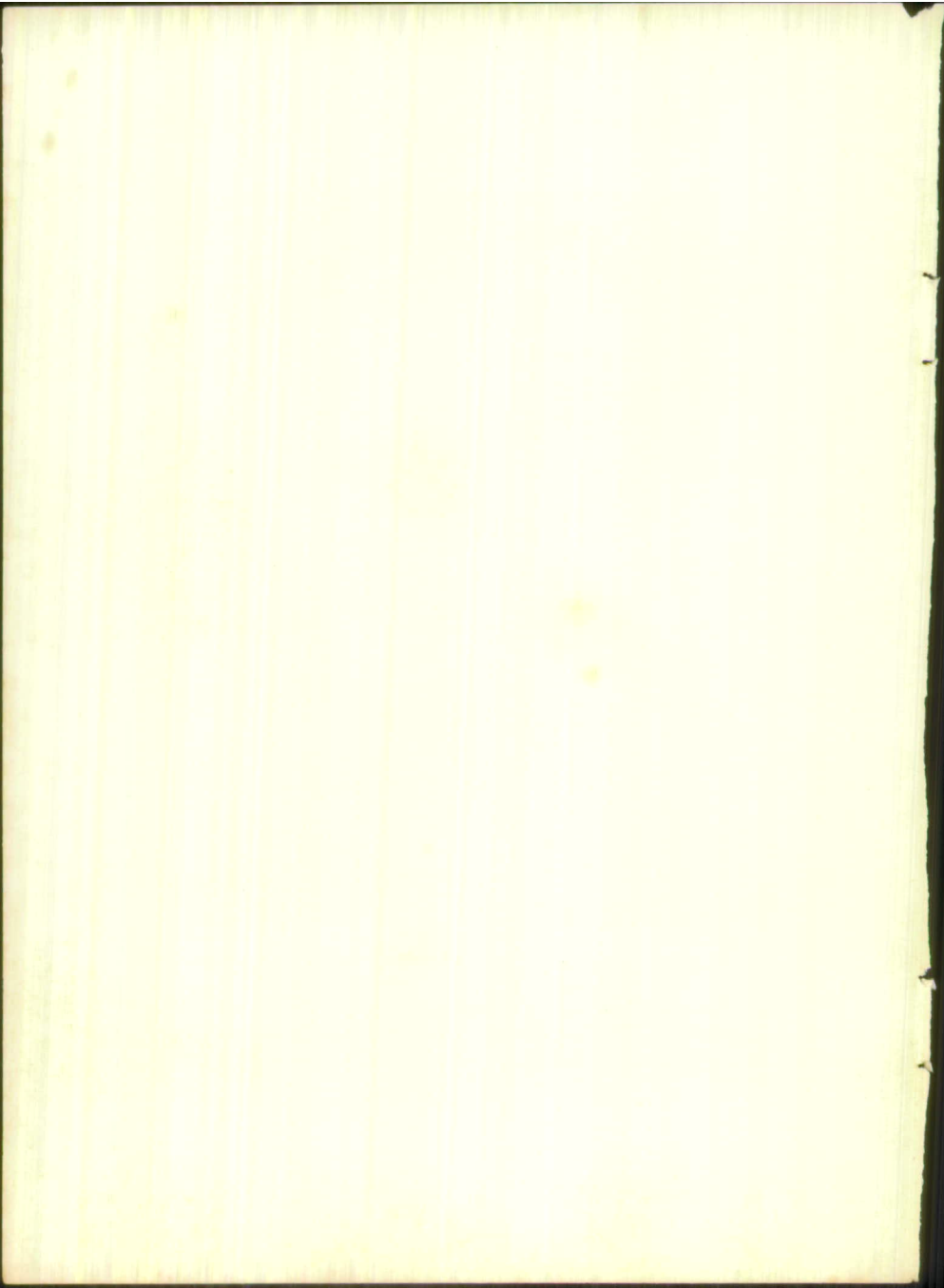
/ DENVER HILTON

/ DENVER, COLORADO

COVER ACKNOWLEDGEMENT

The talents of Nancy Svien have been well known to the Congress since she designed the certificate presented to our first Honored Guest, as well as the impressive program cover for our 5th Annual Meeting in Los Angeles.

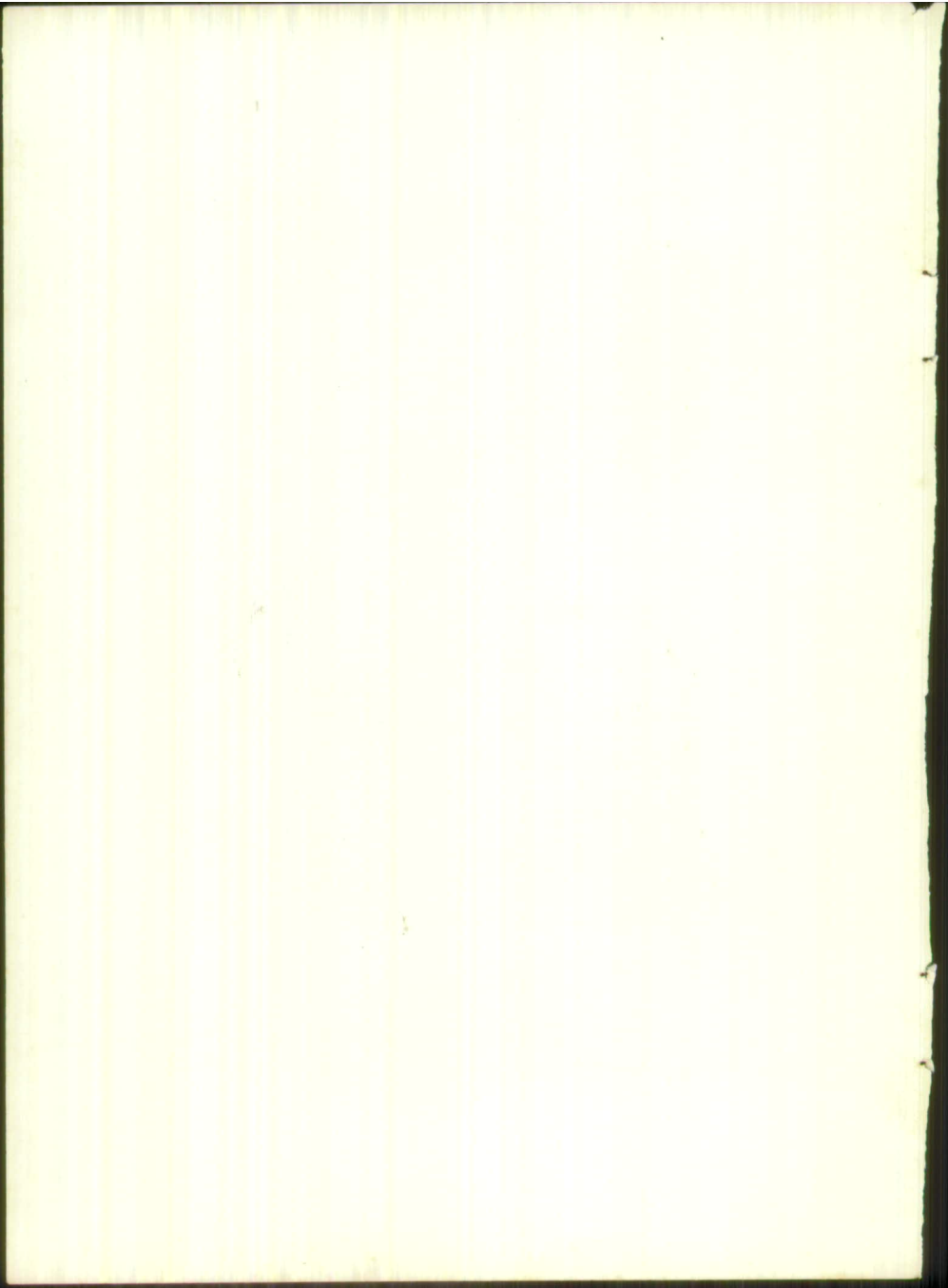
We feel honored that she accepted the invitation to design this year's cover in which she has created the imaginative theme of "smooth" skiing through the multitude of problems encountered in cerebral vascular surgery. Thank you, Nancy, for this "cool" idea!



Honored Guest—1963



JAMES L. POPPEN, M.D.
Chief of Neurological Surgery
Lahey Clinic
Boston, Massachusetts



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

GUEST SPEAKERS

- Eben Alexander, Jr., M.D.—Professor of Neurological Surgery, The Bowman Gray School of Medicine, Wake Forest College, Winston-Salem, North Carolina
- Trygve O. Gabrielsen, M. D.—Instructor, Department of Radiology, University of Michigan Medical School, Ann Arbor, Michigan.
- Paul C. Bucy, M.D.—Professor of Surgery, Northwestern University Medical School, Chicago, Illinois
- John M. Converse, M.D.—Professor of Plastic Surgery, New York University School of Medicine, New York, New York
- Charles G. Drake, M.D.—Clinical Associate Professor of Surgery (Neurosurgery), University of Western Ontario Medical School, London, Ontario, Canada
- Lyle A. French, M.D.—Professor of Neurosurgery, University of Minnesota Medical School and Director of Division of Neurosurgery, University Hospitals, Minneapolis, Minnesota
- Wallace B. Hamby, M.D.—Head of Department of Neurological Surgery, Cleveland Clinic, Cleveland, Ohio
- C. Douglas Hawkes, M.D.—Associate Professor of Neurology and Neurological Surgery, University of Tennessee, Memphis, Tennessee
- George Knauf, M.D.—Acting Director of Space Medicine, Aerospace Medical Division, National Aeronautics and Space Administration, Washington, D. C.
- Theodore Kurze, M.D.—Associate Professor of Surgery (Neurological) University of Southern California School of Medicine, Los Angeles, California
- Mr. Valentine Logue, M.D. — Neurological Surgeon, Middlesex Hospital and Maida Vale Hospital, London, England
- Collin S. MacCarty, M.D. — Professor of Neurosurgery, Mayo Foundation, Graduate School, University of Minnesota, Rochester, Minnesota
- Joseph L. Posch, M.D.—Clinical Associate Professor of Surgery, Wayne University School of Medicine, Detroit, Michigan

TELEVISION SURGEONS

Eben Alexander, Jr., M.D. — Professor of Neurological Surgery, The Bowman Gray School of Medicine, Wake Forest College, Winston-Salem, North Carolina

Lyle A. French, M.D.—Professor of Neurosurgery, University of Minnesota Medical School and Director of Division of Neurosurgery, University Hospitals, Minneapolis, Minnesota

William T. Spence, M.D.—Associate Clinical Professor of Neurosurgery, Georgetown University School of Medicine, Washington, D. C.

A. Earl Walker, M.D. — Neurosurgeon-in-chief, Johns Hopkins Hospital, Baltimore, Maryland

Benjamin B. Whitcomb, M.D. — Assistant Clinical Professor of Neurosurgery, Yale University School of Medicine, Hartford, Connecticut

TELEVISION PANEL MODERATORS

A. Earl Walker, M.D. — Neurosurgeon-in-chief, Johns Hopkins Hospital, Baltimore, Maryland

James L. Poppen, M.D.—Chief of Neurological Surgery, Lahey Clinic, Boston, Massachusetts

Wallace B. Hamby, M.D.—Head of Department of Neurological Surgery, Cleveland Clinic, Cleveland, Ohio

TELEVISION SPONSOR

The Congress of Neurological Surgeons is deeply and gratefully indebted to SMITH, KLINE AND FRENCH for providing the equipment and technical assistance which has made live television available to the Congress this year for the first time. We are sincerely appreciative, and it is our fond hope that similar opportunity may again be ours in the future.

SCIENTIFIC EXHIBITORS

- "Muscle Splitting Approach to the Dorsal and Cervical Spine"—William E. Hunt, M.D., Department of Neurological Surgery, Ohio State University, Columbus, Ohio
- "Treatment of Spasmodic Torticollis"—Robert H. P. Yuan, M.D., Samuel Brendler, M.D., and Bertram Selverstone, M.D., Boston, Massachusetts
- "Arteriovenous Malformations Cerebri, an Anatomical Study"—Ludwig Kempe, Lt. Col., M.C., Department of Neurological Surgery, Walter Reed Army Hospital, Washington, D. C.
- "Transsphenoidal Yttrium 90 Hypophysectomy"—Donald Dohn, M.D., Department of Neurological Surgery, Cleveland Clinic, Cleveland, Ohio
- "Recent Advances in Neurovascular Surgery" — R. M. Peardon Donaghy, M.D. and Martin E. Flanagan, M.D., Department of Neurological Surgery, University of Vermont, Burlington, Vermont
- "Basilar Surgery in the Experimental Animal"—Robert J. White, M.D., Department of Neurological Surgery, Western Reserve University, Cleveland Metropolitan General Hospital, Cleveland, Ohio
- "Cervical Pneumomyelography"—Pedro P. Polakoff, M.D., Paul Lin, M.D. and S. Berger, M.D. Albert Einstein Medical Center Northern Division, Jenkinstown, Pennsylvania
- "Stereotactic Transsphenoidal Cryohypophysectomy"—Robert W. Rand, M.D., Department of Neurological Surgery, University of California, Los Angeles School of Medicine, Los Angeles, California
- "Preformed Cranioplasty"—Jack Goodman, M.D., Department of Neurological Surgery, Albany Medical Center Hospital, Albany, New York
- "Artificial Embolization of Arteriovenous Malformations" — Alfred J. Luessenhop, M.D., Martin Gibbs, M.D., and Willie Baensch, M.D., Georgetown University Hospital, Washington 7, D. C.

"Microsurgical Techniques in Neurological Surgery"—Theodore Kurze, M.D., Department of Neurological Surgery, University of Southern California School of Medicine, Los Angeles, California

"The Localization of Brain Tumors with the Positron Scintillation Camera"—Alexander Gottschalk, M.D., Donner Laboratory, University of California, Berkeley, California

"Stereotactic Surgery" — Joseph Witt, M.D., University of California School of Medicine, San Francisco, California

"Brain Scan with Mercury 203, Clinical Pathological Correlation" Robert S. Knighton, M.D., Division of Neurological Surgery, Henry Ford Hospital, Detroit, Michigan

"Studies on the Treatment of Vascular Headaches"—Kenneth H. Abbott, M.D., Los Angeles Neurological Institute, Los Angeles 33, California

"Cerebrovascular Disease Clinic, Good Samaritan Hospital, Portland, Oregon" — Mark A. Melgard, M.D., Department of Neurological Surgery, Good Samaritan Hospital, Portland 10, Oregon

"Advantages of Cerebral Angiography by the Retrograde Brachial Route"—Robert A. Kuhn, M.D., Morristown, New Jersey

COMMERCIAL EXHIBITORS

American Silk Sutures, Inc.
American Sterilizer Company
Automated Systems for
Medicine, Inc.
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Ries Manufacturing Company
The Holter Company

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S. B. Power Surgical Tools, Inc.
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V. Mueller & Company
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Company
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Jack Barrett	1961-1965
John M. Thompson	1962-1965

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Martin P. Sayers	1960-1961
Richard L. DeSaussure	1961-1962

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Homer G. McClintock	Arrangements
Richard C. Schneider	Scientific Program
William S. Coxé	Exhibits
William H. Mosberg, John Shillito	Editorial
Walter S. Lockhart	Host
Robert A. Clark	Registration

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Richard C. Tozer
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Kenneth L. Cummings
Martin C. Feferman
Hal W. Pittman
Marjorie Sayers, ex-officio
Betty Dohn, ex-officio

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David M. Barry
Bland W. Cannon
Edwin F. Chobot, Jr.
Kasper Fuchs
Harvey Gass
Murl E. Kinal
Manuel M. Velasco-Suarez

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Philip D. Gordy
Thomas M. Marshall

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Fleming Jolley
Robert S. Knighton
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Bernard S. Patrick
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Courtland Davis
Lee A. Christoferson
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D. Frederick Gioia
Eugene E. Herzberger
Robert K. Jones
Roger A. Smith

Newsletter Editor

John M. Thompson

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

FUTURE MEETINGS

Miami	1964
Chicago	1965
San Juan, Puerto Rico	1966
San Francisco	1967

PLAN AHEAD FOR '64
FOURTEENTH ANNUAL MEETING
CONGRESS OF NEUROLOGICAL SURGEONS

AMERICANA HOTEL
BAL HARBOUR, FLORIDA
November 18-21, 1964

WOMEN'S AUXILIARY OFFICERS

Mrs. Martin Peter Sayers (Marjorie).....	<i>President</i>
Mrs. Edward C. Weiford (Mary).....	<i>Vice- President</i>
Mrs. John Thompson (Dorothy).....	<i>Secretary</i>
Mrs. Gordon van den Noort (Isabel).....	<i>Treasurer</i>
Mrs. Homer McClintock (Priscilla).....	<i>Arrangements</i>

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Mrs. A. Beaumont Johnson (Marian)
Mrs. John Meagher (Maxine)

NOMINATING COMMITTEE

Mrs. James Gay (Lillian), Chairman
Mrs. Edwin Chobot (Gladia)
Mrs. Arthur Eisenbrey (Lillian)
Mrs. Thomas Marshall (Nancye)
Mrs. Bernard Patrick (Jo)

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 (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

WOMEN'S AUXILIARY ACTIVITIES

PLEASE WEAR NAME BADGE

Auxiliary Headquarters—Denver Room

SPECIAL EVENTS

Wednesday, October 9, 8:00 A.M. Hostess Committee Breakfast—Spruce Room

Wednesday, October 9, 12:30 P.M. Board of Directors' Meeting Luncheon—Spruce Room

WEDNESDAY, OCTOBER 9

10:00 A.M. "Welcome to Denver" Coffee—Denver Room

6:30 P.M. No-Host Cocktail Party—Century, Silver and Gold Rooms

THURSDAY, OCTOBER 10

10:00 A.M. Depart Denver Hilton for Cherry Hills Country Club (bus transportation furnished). Meet at motor entrance of hotel (street level)
Business Meeting
Brunch
Entertainment: Mollie Lee and Howard Beresford presenting "Camelot"

3:00 P.M. Arrive back at Denver Hilton

6:30 P.M. Reception and Cocktail Party—Assemblies 1, 2 and 3

8:00 P.M. Banquet—Grand and Junior Ballrooms
Honored Guest—*Dr. James L. Poppen*
Presentation of Gavel to Congress President by Women's Auxiliary

WOMEN'S AUXILIARY ACTIVITIES

PLEASE WEAR NAME BADGE

FRIDAY, OCTOBER 11

Join the men in the Empire Room (2B Level) for:

- 11:00 A.M. Introduction of New President,
Edward C. Weiford
- 11:15 A.M. The United States Missile and Manned
Space Program.....*Dr. George Knauf*
-

Free afternoon to be shared with husbands!

- 1:00 P.M. Buses leave Denver Hilton for tour of Air Force
Academy
- 5:00 P.M. Cocktails and Dinner, Penrose Room, Broadmoor
Hotel, Colorado Springs

SATURDAY, OCTOBER 12

- 10:00 A.M. Coffee and rolls—Denver Room

SPECIAL EVENTS

Tuesday, October 8, 7:30 A.M.—Executive Committee Breakfast and Meeting—Century and Conference Rooms

Tuesday, October 8, 12:00 Noon-6:00 P.M.—Early bird registration—North Lobby

Wednesday, October 9, 8:00 P.M. — Past Presidents Dinner — Colorado Room

Saturday, October 12, 12:30 P.M.—Executive Committee Meeting—Century and Conference Rooms

OFFICE LOCATIONS

Congress Headquarters: Terrace Room

Auxiliary Headquarters: Denver Room

Message Center: Tuesday, October 8—North Lobby
Wednesday-Saturday—Convention Center,
2B Area

Press Room: Savoy Room

Registration:

Tuesday, October 8, 12:00 Noon to
Wednesday, October 9, 12:00 Noon
—North Lobby

Wednesday, October 9, 12:00 Noon to
Saturday, October 12, 10:00 A.M.
—Convention Center (2B Area)

PROGRAM

WEDNESDAY, OCTOBER 9

- 7:30 A.M. Residents Committee Breakfast—Century Room
7:30 A.M. Public Relations Committee Breakfast — Conference Room
7:30 A.M. Host Committee Breakfast—Century Room
7:30 A.M.-12:00 Noon Registration—North Lobby
12:00 Noon-5:00 P.M. Registration—Convention Center (2B Level)
8:30 A.M.-6:00 P.M.—Exhibits—2B Display Area
-

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer—A. Roy Tyrer, Jr.

- 9:00 A.M.—Televised surgery with panel discussion
10:45 A.M. Coffee and coke break
11:00 A.M. Operative Techniques of Olfactory Groove and Suprasellar Meningiomas....*James L. Poppen*
-
- 12:15 P.M.—Congress Luncheon—Empire Lounge

NOTES

PROGRAM

WEDNESDAY, OCTOBER 9

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE FOR ADMISSION
SUBMIT QUESTIONS FOR PANEL DISCUSSION

Presiding Officer—Richard C. Schneider

- 2:00 P.M. Abnormal X-ray Findings Related to Central
Nervous System in Childhood
Trygve O. Gabrielsen
- 2:30 P.M. The Treatment of Craniosynostosis
Eben Alexander
- 3:00 P.M. Craniocerebral Trauma in Infancy and
Childhood.....*C. Douglas Hawkes*
- 3:30 P.M. Coffee and coke break
- 3:45 P.M. Treatment of Orbital Tumors in
Children.....*Collin S. MacCarty*
- 4:15 P.M. Techniques of Plastic Repair of Large Scalp
and Skull Defects.....*John Converse*
- 4:45 P.M. Question and Answer Panel
- 5:15 P.M. Adjournment
-

6:30-8:00 P.M. No Host Cocktail Party—Century, Silver and
Gold Rooms

NOTES

PROGRAM

THURSDAY, OCTOBER 10

- 7:30 A.M. Neurosurgical Residents Welcome Breakfast—Silver Room
- 7:30 A.M. International Committee Breakfast — Conference Room
- 7:30 A.M. Foreign Service and Physician Training Committee Breakfast—Century Room
- 8:30 A.M.-5:30 P.M. Registration — Convention Center (2B Level)
- 8:30 A.M.-6:00 P.M. Exhibits—2B Display Area
-

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE FOR ADMISSION

Presiding Officer—John R. Russell

- 9:00 A.M. Televised surgery with panel discussion
- 10:45 A.M. Coffee and coke break
- 11:00 A.M. Operative Tricks of the Trade.....*James L. Poppen*
-

- 12:15 P.M. Congress Luncheon—Junior Ballroom

NOTES

PROGRAM

THURSDAY, OCTOBER 10

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE FOR ADMISSION

SUBMIT QUESTIONS FOR PANEL DISCUSSION

Presiding Officer—Lycurgus M. Davey

- 2:00 P.M. Surgical Techniques Related to Hand and Forearm Lesions.....*Joseph Posch*
- 2:30 P.M. Diagnosis and Treatment of Lesions of the Brachial Plexus and Adjacent Areas*Charles Drake*
- 3:00 P.M. Micro-techniques in Neurological Surgery*Theodore Kurze*
- 3:30 P.M. Coffee and coke break
- 3:45 P.M. A Philosophy of the Treatment of Abnormal Tonus and Movement.....*Paul C. Bucy*
- 4:15 P.M. Question and Answer Panel
- 4:30 P.M. Business Meeting for Members

-
- 6:30 P.M. Reception and Cocktail Party — Assemblies 1, 2 and 3
- 8:00 P.M. Banquet—Grand and Junior Ballrooms
Recognition of Honored Guest—
Dr. James L. Poppen
Presentation of Gavel to President by Women's Auxiliary
After Dinner Speaker—Chester Lauck,
(better known as "Lum" of "Lum and Abner's Jot 'Em Down Store")
Entertainment—Miss Mary Shelton
Dancing

DRESS OPTIONAL—PLEASE WEAR NAME BADGE

NOTES

PROGRAM

FRIDAY, OCTOBER 11

8:30 A.M.-12:30 P.M. Registration—Convention Center (2B Level)

8:30 A.M.-6:00 P.M. Exhibits—2B Display Area

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE

Presiding Officer—John N. Meagher

- 9:00 A.M. Televised surgery with panel discussion
- 10:45 A.M. Coffee and coke break
- 11:00 A.M. Introduction of New President, Edward C. Weiford
- 11:15 A.M. The Man in Space Program.....*George Knauf*
(Wives are cordially invited)
- 12:15 P.M. Adjournment for OPTIONAL AFTERNOON
- 12:15 P.M. Membership Committee Meeting — Conference Room
-

- 1:00 P.M. Buses leave Denver Hilton for tour of Air Force Academy
- 5:00 P.M. Cocktails and Dinner, Penrose Room, Broadmoor Hotel, Colorado Springs
-

Golf at Cherry Hills Country Club

NOTES

PROGRAM

FRIDAY, OCTOBER 11

Member-Participation Program—Empire Room (2B Level)

Presiding Officer—William S. Ogle

- 1:30 P.M. Infusion Chemotherapy for Brain
and Neck Cancer (paper)..*Arthur Winter, M.D.*
- 1:45 P.M. Positive Contrast Water Soluble
Ventriculography and Myelography
with Meglumine Iothalamate
(paper).....*R. L. Campbell, M.D.*
- 2:00 P.M. Discussion
- 2:05 P.M. The Intra-arterial Approach to
Cerebrovascular Abnormalities
(paper).....*A. J. Luessenhop, M.D.*
- 2:35 P.M. Treatment of Verebral Arteriovenous
Fistula (paper).....*Shelley N. Chou, M.D.*
- 2:50 P.M. Intraspinal Lipomas
(paper).....*Samuel E. Hunter, M.D.*
- 3:10 P.M. Discussion
- 3:15 P.M. Coffee Break
- 3:25 P.M. Subdural Hematoma in Infants
and Children (paper)..*William H. Bloom, M.D.*
- 3:40 P.M. Technique and Results of Precise
Alcoholic Gasserian Injection
for Major Trigeminal
Neuralgia (paper).....*Arthur Ecker, M.D.*

NOTES

- 3:55 P.M. The Use of a Slotted Sleeve in
the Treatment of Communicating
Hydrocephalus (paper)
Robert H. P. Yuan, M.D.
- 4:15 P.M. Discussion
- 4:20 P.M. Submicroscopic Structures of
Acoustic Tumors (paper)
Anselmo Pineda, M.D.
- 4:35 P.M. Retrograde Brachial Angiography
(color movie with sound)
Robert A. Kuhn, M.D.
- 5:10 Discussion
- 5:15 Adjournment

NOTES

PROGRAM

SATURDAY, OCTOBER 12

8:30 A.M.-10:00 A.M. Registration—Convention Center (2B Level)

8:30 A.M.-12:30 P.M. Exhibits—2B Display Area

Scientific Meeting—Empire Room (2B Level)

PLEASE WEAR NAME BADGE FOR ADMISSION
SUBMIT QUESTIONS FOR PANEL DISCUSSION

Presiding Officer—Edward C. Weiford

- 9:00 A.M. The Treatment of Carotid-Cavernous
Fistula*Wallace Hamby*
- 9:30 A.M. Treatment of Arteriovenous Malformations of the
Brain*Lyle French*
- 10:00 A.M. Posterior Fossa Aneurysms.....*Valentine Logue*
- 10:45 A.M. Coffee and coke break
- 11:00 A.M. Operative Treatment of Anterior
Communicating Artery
Aneurysms.....*James L. Poppen*
- 12:00 A.M. Discussion
- 12:30 P.M. Adjournment

NOTES

POST-CONVENTION DISCUSSION GROUP

DESERT INN
LAS VEGAS, NEVADA

OCTOBER 13-14, 1963

Sunday, October 13, 10:00 A.M.-12:00 Noon

Group Discussion.....*Adrien Verbrughen, Moderator*

Subjects: What is the Value of Hypothermia in Neuro-
surgery?

Complications of Diagnostic Procedures done
by Non-neurosurgical Personnel

Monday, October 14, 10:00 A.M.-12:00 Noon

Group Discussion.....*Adrien Verbrughen, Moderator*

Subjects: Complications of Intracranial Surgery

Is the Shunt for Hydrocephalus Outmoded?

Begin planning now to attend the
3RD INTERNATIONAL
CONGRESS OF NEUROLOGICAL SURGERY

to be held in

COPENHAGEN, DENMARK

AUGUST 23-27, 1965

Professor Eduard Busch, *President*

NOTES

CONGRESS OF NEUROLOGICAL SURGEONS GEOGRAPHICAL ROSTER

ALABAMA

BIRMINGHAM

Graham, Stanley E.
Haynes, Walter G.
Landers, Bluit L.
Sweeney, Donald B.

MOBILE

Mudd, Robert H.

MONTGOMERY

Bostwick, Jackson L.

ARIZONA

PHOENIX

Eisenbeiss, John A.
Hoffman, George T.
Pfeil, Edgar T.
Pittman, Hal W.
Steelman, Harry F.

TUCSON

Elkins, Charles W.
Fonseca, Juan E.

ARKANSAS

LITTLE ROCK

Adametz, John H.
Fletcher, Thomas M.
Padberg, Frank

CALIFORNIA

ANAHEIM

Sobel, Garrison L.

ARCADIA

Crue, Benjamin L.
Todd, Edwin M.

BAKERSFIELD

Ablin, George

BEVERLY HILLS

Andler, Maxwell M.
Carton, Charles A.
Heifetz, Milton D.
Rothenberg, Sanford F.
Seletz, Emil

CONCORD

Lansche, James M.

ENCINO

Richland, Kenneth J.
Rosenberg, Alan W.

FRESNO

Pace, John W.
Zealear, David Scofield

GLENDALE

Fox, J. DeWitt

INGLEWOOD

Feldman, Avner I.

LA JOLLA

Shafer, William A.

LONG BEACH

Mense, Jackson S.
Polmeteer, Frank E.

LOS ANGELES

Abbott, Kenneth H.
Avol, Milton
Cummings, Kenneth L.
Dodge, Henry W., Jr.
Doyle, John B., Jr.
Northrop, Paul E.
Raney, Aidan A.

LYNWOOD

Amyes, Edwin W.

MONTEREY

Thelen, Emil P.

NORTH HOLLYWOOD

Amerongen, Frederick
Faeth, William H.

OAKLAND

Raskind, Robert
Siefert, H. Jack
Van Horn, Philip R.
Weyand, Robert D.

PALM SPRINGS

Cleveland, David

PALO ALTO

Arnstein, Lawrence H.
Golden, James B.
Meub, Daniel W.

PASADENA

Freshwater, Donald B.

POMONA

Rivers, Morris H.

RIVERSIDE

Killian, Merle F.

SACRAMENTO

Hickey, William C.
Holland, Hal C.

SALINAS

Foster, Jacob J.
Phillips, John P.

SAN BERNARDINO

Estridge, Montgomery N.
Smith, Roger A.

SAN DIEGO

Cobb, Norman L.
Cranston, Robert W.
Freeman, David G.
Greenwood, Robert C.
Jackson, Frederick E.

SAN FRANCISCO

Browne, James S.
Cross, Glen O.
Keller, Edward B.
Palmer, Robert F.
Witt, Joseph A.

SAN JOSE

Becker, Leon
Harper, W. Henry
Lynge, Harold N.
Markham, James W.
Stahlman, Gray E. B.

SAN PEDRO

Pineda, Anselmo

SAN RAFAEL

Hanzel, Sam E.

SANTA ANA

Politoske, Edward J.

SANTA MONICA

Hanna, Duke E.
Yuhl, Eric T.

GEOGRAPHICAL ROSTER (Continued)

SANTA ROSA

Carlin, Maurice P.
McCaskill, Daniel

STOCKTON

Huff, Thomas J.
Lamond, Donald E.

VAN NUYS

Huston, William A.

WALNUT CREEK

Liu, David C. T.

WEST LOS ANGELES

Brown, M. Hunter

WHITTIER

Broussalian, Sarkis L.

COLORADO

DENVER

Boyd, Harry R.
Bryans, William A.
Craigmile, Thomas K.
Friedman, Verner
Griffin, John G.
McClintock, Homer G.

COLORADO SPRINGS

Presti, Matthew
Sheldon, Keith W.

PUEBLO

Williams, James R.

CONNECTICUT

BRIDGEPORT

Bayless, Allan E.
Paget, John F.

HARTFORD

Basile, John X. R.
Dunsmore, Rembrandt
Reilly, Francis G.
Teahan, John W.

NEW BRITAIN

Collias, James C.

NEW HAVEN

Davey, Lycurgus M.
Flanigan, Stevenson
Frankel, Saul A.
McDonnell, Robert R.
Robinson, Franklin

NEW LONDON

Cavicke, David C.
Cooper, Donald Wesley

STAMFORD

McNerney, John C.

WATERBURY

O'Brien, Francis H.
Sturman, Robert H.

DELAWARE

WILMINGTON

Olmedo, Livio
Hillyard, Raymond W.

DISTRICT OF COLUMBIA

Ammerman, Harvey H.
Gallagher, John P.
Green, Sydney
Horwitz, Norman H.
Hustead, Arthur Proctor
Jakoby, Ruth Elizabeth
Johnson, Donald A.
Kempe, Ludwig G.
Leussenhop, Alfred J.
Rizzoli, Hugo
Spence, William T.

FLORIDA

CORAL GABLES

Dooley, Donald M.
Perlmutter, Irwin
Strain, Richard E.

DAYTONA BEACH

Scott, Thomas E., Jr.

DELRAY

Schwab, John E.

HIALEAH

Yates, Basil M.

JACKSONVILLE

Bird, C. Ashley
Chandler, Howard C.
Grizzard, Vernon T.
Sullivan, Edward J.

LAKELAND

Gould, Purdue L.
Taxdal, David S. R.

MIAMI

Barrett, J. W.
Ehlert, Albert J.
Keedy, Christian
Reynolds, David H.
Tolmach, Robert S.

ORLANDO

Hoff, Theodore F.
Howarth, J. Cornell

PENSACOLA

Kimbell, Fariss D., Jr.

SARASOTA

Sullivan, Benjamin H.

ST. PETERSBURG

Babcock, R. Huston
Thompson, John M.

TAMPA

Aliff, Robert C.

GEORGIA

ATLANTA

Bickers, Donald S.
Dowman, Charles E.
Jolley, Fleming
Mabon, Robert
Moore, William W., Jr.
Sears, Robert A.
Smith, Richard A.
Walker, Exum

AUGUSTA

Carrington, Kenneth W.
Daniel, Ernest F.
Manganiello, Louis O. J.
Nichols, Pomeroy
Smith, George Williams

COLUMBUS

Griffin, Jackson T., Jr.
Hazouri, Louis A.

MACON

Clark, Robert A., Jr.

SAVANNAH

Clary, Warren U.

GEOGRAPHICAL ROSTER (Continued)

HAWAII

HONOLULU

Batkin, Stanley
Lowrey, John J.
Silver, Maurice L.

IDAHO

BOISE

Kiefer, Edward J.

ILLINOIS

AURORA

Baumann, Carl H. H.

CHICAGO

Amador, Luis V.
Corcoran, Charles E.
Johnson, A. Beaumont II
Manfredi, Roland A.
Nilges, Richard George
Oberhill, Harold R.
Rosenbluth, Paul R.
Siqueira, Edir Barros
Speigel, I. Joshua
Voris, David C.
Voris, Harold C.

HOMEWOOD

Dekowski, Stefan A.

JOLIET

McCoy, Archibald D.

MOLINE

Goldstein, Stanton L.

ROCKFORD

Anderson, Robert L.
van Ledingham, John H.

SKOKIE

Duffy, James J.
Gamez, Ramon D.

SPRINGFIELD

Barringer, Floyd S.
Hayner, Robert

INDIANA

EVANSVILLE

Ebin, Judah L.

FORT WAYNE

Bossard, John W.

Hastings, Warren C.
Manning, George C., Jr.

INDIANAPOLIS

Campbell, Robert L.
Cure, Charles W.
Fausset, C. Basil
Hann, Eldon
Hetherington, John A.
Luros, John Theodore
Manders, Karl
Mealey, John
Russell, John R.

MUNSTER

Keplinger, James E.
vander Westhaysen, Peter

SOUTH BEND

Baran, Charles
Feferman, Martin E.

IOWA

CEDAR RAPIDS

Wallace, William E.

DAVENPORT

Rovine, Byron W.

DES MOINES

Abbott, Walter D.
Bakody, John T.
Hayne, Robert A.

IOWA CITY

Skultety, F. Miles

SIOUX CITY

Brown, Carroll A.

KANSAS

KANSAS CITY

Brackett, Charles E., Jr.

SHAWNEE MISSION

Cooper, Jack R.

TOPEKA

Tozer, Richard C.
Woods, Robert P.

WICHITA

Schweinfurth, James Paul

KENTUCKY

LOUISVILLE

Marshall, Thomas M.

Reed, H. Lester
Seegerberg, Ludwig H.
Smiley, Gordon L.

LOUISIANA

BATON ROUGE

Edelman, Joseph M.
Foreman, Oliver Duane

NEW ORLEANS

Colclough, John A.
Garcia Oller, Jose L.
Jackson, John Davies
Llewellyn, R. C.

SHREVEPORT

Bonn, Philip

MAINE

LEWISTON

Rock, Daniel A.

MARYLAND

BALTIMORE

Arnold, James
Aronson, Neal Irwin
Henderson, Charles M.
Horning, Douglas
Hudson, Paul C.
Long, R. Gordon
McQueen, John Donald
Mosberg, William H., Jr.
Sharrett, John O.
Thompson, Raymond K.
Udvarhelyi, George B.

BETHESDA

Baldwin, Maitland
Van Buren, John

HAGERSTOWN

Abdullah, Adel F.

SILVER SPRING

Mendelsohn, Robert A.

MASSACHUSETTS

BOSTON

Brougham, Milton F.
Humphreys, Storer P.
Ojemann, Robert
Selverstone, Bertram

GEOGRAPHICAL ROSTER (Continued)

- Shillito, John, Jr.
Walker, James C.
Yuan, Robert H.
- BROOKLINE**
Hinchey, Thomas P. R.
- CAMBRIDGE**
Valin, Robert J.
- LOWELL**
Landry, Christopher L.
- NEW BEDFORD**
Hastings, Nelson
- SPRINGFIELD**
Cheney, Roger H.
Pava, Arthur A.
- MICHIGAN**
- ANN ARBOR**
Schneider, Richard C.
Taren, James A.
- BATTLE CREEK**
Griffith, Jack C.
- BAY CITY**
Taheri, Z. E.
- DETROIT**
Eisenbrey, Arthur B., Jr.
Gass, H. Harvey
Gurdjian, Elisha Stephen
Hardy, Warren G.
Knighton, Robert S.
Lindner, David W.
McGuire, John Francis
Nielsen, Aage
Thomas, L. M.
- FLINT**
Dawson, Ralph E.
Day, John M.
- GRAND RAPIDS**
Allen, L. Willis
Lamberts, Austin E.
List, Carl F.
Williams, John R.
- GROSSE POINTE FARMS**
Webster, John E.
- KALAMAZOO**
Weadon, Preston S.
- PONTIAC**
Gates, Edward M.
Martin, Francis A.
- SAGINAW**
Farley, A. W., Jr.
Field, E. Malcolm
- SOUTHFIELD**
Ostrowski, Arthur Z.
- MINNESOTA**
- DULUTH**
Pollard, William S.
Strewler, Gordon J.
- MINNEAPOLIS**
Blake, Paul S.
Chou, Shelley, N.
Johnson, David R.
Olson, C. Kent
Story, Jim L.
Titrud, Leonard
- ROCHESTER**
Miller, Ross H.
Ray, Charles Dean
Svien, Hendrik J.
- ST. PAUL**
Merrick, Robert L.
- MISSISSIPPI**
- JACKSON**
Andy, Orlando J.
Hodges, Lucien R.
Neill, Walter R.
Youmans, Julian R.
- MISSOURI**
- CLAYTON**
Walker, Francis S.
- KANSAS CITY**
Carmichael, Francis A., Jr.
Forsythe, Robert W.
Lewis, Revis C.
Pucci, Gregory L.
Weiford, Edward C.
Wu, William Q.
- ST. LOUIS**
Coxe, William S.
Goldring, Sidney
- Kendig, John Howard
Nash, Francis P.
Palazzo, Frank A.
Schaerer, Jacques P.
Smolik, Edmund A.
- SPRINGFIELD**
McAlhany, Howard J.
- MONTANA**
- BILLINGS**
Schwidde, Jess T.
- GREAT FALLS**
Cashion, Ernest L.
Johnson, Alexander C.
- NEBRASKA**
- LINCOLN**
Gogela, Louis
- OMAHA**
Browne, Kenneth M.
Muehlig, Wilbur A.
- NEVADA**
- RENO**
Rosenauer, Adolf
- LAS VEGAS**
Robson, John T.
Verbruggen, Adrien
- NEW HAMPSHIRE**
- HANOVER**
Fisher, Robert George
Sachs, Ernest, Jr.
- NEW JERSEY**
- CAMDEN**
Rushton, Harold W.
- EAST ORANGE**
Winter, Arthur
Medinets, Howard E.
- JERSEY CITY**
Winokur, Gerald L.
- MAPLEWOOD**
Green, Robert E.
- MORRISTOWN**
Kuhn, Robert A.

GEOGRAPHICAL ROSTER (Continued)

NEWARK

Somberg, Harold M.
Wood, Francis A.

PATERSON

Becker, George L., Jr.

RED BANK

Donahue, Laurence A.

SHORT HILLS

Jackson, Ira J.

SUMMIT

Mathews, Ernest S.
Liss, Henry R.

TEANECK

Ladenheim, James C.

TRENTON

Sagen, William
Scheurman, Walter G.

NEW MEXICO

ALBUQUERQUE

Gay, James R.
Klebanoff, Robert M.
Miller, Leroy J.
Mora, Federico
Morgan, Clinton W., Jr.

NEW YORK

ALBANY

Kite, William C., Jr.

BAYSHORE

Bloom, William H.
Seymour, R. James

BINGHAMTON

Bloom, David M.

BROOKLYN

Cook, Albert William
Lin, Tung-Hui

BUFFALO

Angelo, Martin A.
Cohn, George A.
Perese, Dogan M.
Zoll, John C.

ELMIRA

Corradini, Everett W.

FREEPORT

Fromm, Stephen R.
Greenberg, I. Melbourne

GARDEN CITY

Sengstaken, Robert W.

HEMPSTEAD

Epstein, Joseph

JAMESTOWN

Wright, Robert B.

MANHASSET

Shepard, John W.

NEW YORK

Battista, Arthur F.
Cooper, Irving S.
Correll, James W.
Cuatico, Guillermo
Daniels, James T.
Olson, Ralph A.
Ralston, Bruce L.
Ransohoff, Joseph

NIAGARA FALLS

Slepian, Alexander

POUGHKEEPSIE

Weiss, Robert M.

ROCHESTER

Brzustowicz, Richard
McDonald, Joseph V.
Wiley, J. LaRue
Zinker, Leonard L.

SCHENECTADY

Haines, Gerald L.
Mason, Thomas H.

SYRACUSE

Ecker, Arthur
King, Robert Bainton
Lourie, Herbert

WATERTOWN

Flood, John F.

WHITE PLAINS

Gang, Kenneth M.

YONKERS

Wisoff, Hugh S.

NORTH CAROLINA

ASHEVILLE

McKeel, Millard F.
Van Blaricom, Lawrence S.

CHAPEL HILL

Dugger, Gordon S.
Timmons, Robert L.

CHARLOTTE

Blanchard, George Carswell
Culbreth, George G.
Pitts, William R.

DURHAM

Lockhart, Walter S., Jr.
Nashold, Blaine S., Jr.
Tindall, George

RALEIGH

Allen, LeRoy

WINSTON-SALEM

Davis, Courtland, Jr.
de la Torre, Ernesto
Jeffreys, Everett

NORTH DAKOTA

FARGO

Christoferson, Lee A.
Gustafson, Maynard B.

OHIO

AKRON

Baird, William C.
Weinberger, Laurence M.

CANTON

Bird, Robert B.

CINCINNATI

Budde, Richard B.
Chambers, William R.
Devanney, John W., Jr.
Elam, Eugene B.
Hunter, Curwood R.
McBride, Bert H.
McLaurin, Robert L.
Osher, Daniel
Stemmer, Robert E.

CLEVELAND

Bell, Herbert S.
Bishop, Edward J.

GEOGRAPHICAL ROSTER (Continued)

- Dohn, Donald F.
Ling, Alexander
Padilla, Rolando R.
Trowbridge, William V.
- COLUMBUS**
Hunt, William E.
Leimbach, Warren H.
Meagher, John N.
Price, Pliny A.
Retter, Richard
Sayers, Martin P.
Secrest, Roy J.
Theodotou, C. B.
- DAYTON**
Hollister, Nathaniel R.
Hughes, Owen Floyd
Roth, David B.
- HAMILTON**
Simpson, James R.
- LAKEWOOD**
Hegarty, William M.
- LIMA**
Glass, Bernard
- LORAIN**
Hoke, George Hamlin
- TOLEDO**
Booth, George T.
Earnest, Franklin III
Hopple, Theron L.
Shuer, Bernard B.
Webb, J. Hugh
- YOUNGSTOWN**
Brocker, Robert J.
Kalfas, John P.
Turner, Oscar A.
Whitten, Charles A., Jr.
- ZANESVILLE**
Glaser, Harry T.
- OKLAHOMA**
OKLAHOMA CITY
Lisle, A. C.
Rutledge, Robert
- TULSA**
Coates, John A.
- Flanigin, Herman F.
Imler, Robert L., Jr.
Stowell, Averill
- OREGON**
MEDFORD
Campagna, Mario J.
- PORTLAND**
Gordy, Philip D.
Kloos, Edward K.
Kvermland, Bruce N.
Storino, Henry E.
- PENNSYLVANIA**
ALLENTOWN
Jaeger, Robert M.
Tilly, David A.
- BETHLEHEM**
Eaton, David A.
- BRYN MAWR**
van den Noort, Gordon
- DANVILLE**
Hood, Henry L.
- ERIE**
Druckemiller, W. H.
Kinal, Murl E.
- HARRISBURG**
Markley, George M.
Silvernail, William I., Jr.
Zerbe, Walter G.
- JENKINTOWN**
Lin, Paul M.
Polakoff, Pedro P., II
- LANCASTER**
Polcyn, John L.
- NORRISTOWN**
Brady, Joseph A.
- PHILADELPHIA**
Bouzarth, William F.
Groff, Robert A.
Jones, Robert K.
Langfitt, Thomas W.
Murtagh, Frederick
Olsen, Axel K.
Pitts, Frederick W.
Scott, Michael
- PITTSBURGH**
Baker, Robert L.
Gray, George H., Jr.
Grunnagle, Jerome F.
Hershey, Richard E.
Kessler, Laibe A.
Turkman, Wahdeddin T.
- READING**
Johnson, Herbert C.
- PUERTO RICO**
SANTURCE
Ramirez de Arellano, Max
Guzman-Lopez, Luis R.
Longo, Rafael
- RHODE ISLAND**
PROVIDENCE
Barry, David Martin
Cotter, Walter C.
Hoessly, Gian-Fortunat
Stoll, Julius, Jr.
- SOUTH CAROLINA**
CHARLESTON
Martin, Luther C.
Wannamaker, Gordon T.
- GREENVILLE**
Espey, Frank F.
Wrenn, Frank R.
- SOUTH DAKOTA**
RAPID CITY
Crowder, Richard B.
- SIOUX FALLS**
Smith, George W.
- TENNESSEE**
CHATTANOOGA
Boehm, Walter E.
Chobot, E. F., Jr.
- KINGSPORT**
Nichols, James B., Jr.
O'Connell, Frank B., Jr.
- KNOXVILLE**
Smith, W. Eidson

GEOGRAPHICAL ROSTER (Continued)

MEMPHIS

Cannon, Bland W.
DeSaussure, Richard L.
Gioia, D. Frederick
Hunter, Samuel E.
Miller, Joseph H.
Ogle, William S.
Patrick, Bernard S.
Picaza-Benitez, Jorge A.
Schultz, E. C.
Simmons, James C. H.
Tyrer, A. Roy
Wallace, Peter B.
Wood, Matthew W.

NASHVILLE

Capps, Joe Melville
Cobb, Cully A.
McClure, Christopher C.
Scheibert, C. David

TEXAS

ABILENE

Eugenio, Marco T.

AUSTIN

LaLonde, Albert A.
Pollard, Claude, Jr.
Turpin, William R.

BEAUMONT

Rafes, Earle H.
Starr, Harry

CORPUS CHRISTI

Klotz, Joseph G.
Norstrom, Craig

DALLAS

Boland, Grant L.
Cherry, Glenn R.
Dyll, James W.
Nash, Tom M.
Sanders, Morris
Wilson, Charles M.

EL PASO

Stratemeyer, Winslow P.

FT. SAM HOUSTON

Kingman, Allen F., Jr.

FT. WORTH

McKinney, William W.
Rehfeldt, Frederick C.

HOUSTON

Ashkenazy, M.
Caram, Pedro C.
Fountain, Edmund M.
Jones, J. Randolph
Robertson, Joseph W.
Sharkey, Paul C.

LUBBOCK

Dunn, Jack, Jr.
Evans, William G.

MIDLAND

Hooker, J. Patrick

SAN ANTONIO

Hardy, Robert C.
Munslow, Ralph A.
Price, Richard D.

WACO

Slade, Harry

UTAH

SALT LAKE CITY

Karavitis, Andrew L.
Roberts, Theodore

VERMONT

BURLINGTON

Wallman, Lester J.

VIRGINIA

CHARLOTTESVILLE

Fuchs, Kaspar
Martinez-Galindo, Juan D.

FALLS CHURCH

Goald, Harold J.

LYNCHBURG

Botton, Jacques E.

NEWPORT NEWS

Coppola, A. R.
Rinaldi, Italo

NORFOLK

McFadden, Joseph T.

PORTSMOUTH

Senn, Francis E., Jr.

RICHMOND

Kell, Joseph F., Jr.
Kendrick, John F., Jr.
Velo, Antonio G.

ROANOKE

Tice, William P.
Varner, John D.
Weaver, Edgar N.

WASHINGTON

SEATTLE

Biddle, Arthur S.
Stafford, Donald E.
Tytus, John S.

SPOKANE

Dumke, Hobart H.
Lander, Howard
Kessler, Alfred R.

YAKIMA

Gottlieb, C. M.

WEST VIRGINIA

BLUEFIELD

Hillier, William F., Jr.

CHARLESTON

Caudill, Carrel M.

MORGANTOWN

Bloor, Bryon Michel

WHEELING

Hudson, Frank M.
Rogers, J. Speed

WISCONSIN

KENOSHA

Gerol, A. Yale

MADISON

Suckle, Henry M.

MARSHFIELD

Salibi, Bahij S.

MILWAUKEE

Kagen, Allan E.
Levin, Jules D.
Mufson, Joseph A.
Strassburger, Richard H.
Ullrich, Donald P.

GEOGRAPHICAL ROSTER (Continued)

MONROE
Herzberger, Eugene E.

NEENAH
Suechting, Ralph L.

WAUSAU
Williamson, L. M.

WYOMING

CHEYENNE
Grizzle, Claude
Schreiner, Leon

MILITARY

AIR FORCE
Graham, Wistar L., Col.
Myers, Paul E.
Newquist, Richard E., Maj.
Purvis, John T.
Robertson, James T.

NAVY
Glassauer, Franz E.
Rcnis, Norman

ARGENTINA

BUENOS AIRES
Fairman, David
Givre, Alfredo

CANADA

ALBERTA
Calgary
Taylor, Charles W.

BRITISH COLUMBIA
Vancouver
Cluff, J. W.

MANITOBA
Winnipeg
Parkinson, Dwight

NEWFOUNDLAND
St. John's
Sutherland, Daniel L.

ONTARIO
Hamilton
Dolan, Ronald A.
London
Drake, Charles G.

Ottawa
Mount, Harry
Peterson, Eric W.
Wilson, Donald H.

Toronto
Fleming, J. F. Ross
Mayer, Jack A.

QUEBEC

Montreal
Branch, Charles L.
Giroux, J. Cartier
Perot, Phanor L., Jr.
Stratford, Joseph G.

COLOMBIA

BOGOTA
Becerra Lara, Antonio J.

DENMARK

GLOSTRUP
Taarnhoj, Palle

EL SALVADOR

SAN SALVADOR
Kuri, Jose
Ramirez-Amaya, Antonio J.

GUATEMALA

GUATEMALA
Sosa Montalvo, Dagoberto

INDIA

VELLORE
Chandy, Jacob

ISRAEL

JERUSALEM
Beller, Aaron J.

ITALY

PADOVA
Mingrino, Salvatore
ROMA
Guidetti, Benianimo

JAPAN

OKAYAMA
Nishimoto, Akira

KOREA (SOUTH)

SEOUL
Moon, Tai Joon

MEXICO

MEXICO, D.F.
Del Cueto, Ramon
Guzman, Hernando
Mariscal, G. Gonzalez
Mateos, Jose Humberto
Olive, J. Ignacio
Solis, Carlos
Velasco-Suarez, Manuel M.

GUADALAJARA, JAL.
Gonzalez-Cornejo, Salvador
SAN LUIS POTOSI, S.L.P.
Gomez-Mendez, Francisco

PERU

LIMA
Cabieses, Fernando

PHILIPPINE ISLANDS

MANILA
Cube, Henry M.

SPAIN

BARCELONA
Isamat, Fabian
MADRID
Bravo, Gonzalo J.

SOUTH RHODESIA

SALISBURY
Levy, Laurence Frazer

THAILAND

BANGKOK
Suwanwela, Charas

URUGUAY

MONTEVIDEO
Arana-Iniguez, Roman

VENEZUELA

CARACAS
Martinez-Niochet, Arminio

CONGRESS OF NEUROLOGICAL SURGEONS

ALPHABETICAL ROSTER

HONORARY MEMBERS

- 1952—OLIVECRONA, HERBERT..... Professor of Neurosurgery
Serafimerlasarettet & Hantverkaregatan
2 B, Stockholm, Sweden
- *1953—JEFFERSON, SIR GEOFFREY
- 1954—McKENZIE, KENNETH G..... Professor of Surgery
University of Toronto
Toronto, Canada
- 1955—RAND, CARL..... Clinical Professor of Neurological Surgery
University of Southern California
Los Angeles, California
- 1956—PENFIELD, WILDER G..... Director, Montreal Neurological Institute
Montreal, Quebec, Canada
- 1957—GRANT, FRANCIS C..... 750 Germantown Pike
Lafayette Hill, Pa.
- 1958—WALKER, EARL..... Professor of Neurological Surgery
The Johns Hopkins University
Baltimore, Maryland
- 1959—GERMAN, WILLIAM..... Professor of Neurological Surgery
School of Medicine, Yale University
New Haven, Connecticut
- 1960—BUCY, PAUL C..... Professor of Surgery
Northwestern University
Chicago, Illinois
- 1961—BUSCH, EDUARD A. V..... Professor of Neurosurgery
University of Copenhagen
Copenhagen, Denmark
- 1962—RAY, BRONSON S..... Professor of Clinical Surgery
Cornell University School of Medicine
New York, N. Y.

*Deceased

ACTIVE MEMBERS

Abbott, Kenneth H., (Marian)	1720 New Jersey St.	Los Angeles 33, California
Abbott, Walter D., (Ada Lee)	1056 Fourth Street	Des Moines 14, Iowa
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Ablin, George, (Mildred)	2828 H Street	Bakersfield, California
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Kagen, Allan E., (Marlene)	759 N. Milwaukee St.	Milwaukee 2, Wis.
Kalfas, John P., (Helen)	Suite 310, 1005 Belmont Ave.	Youngstown, Ohio
Karavitis, Andrew L., (Margie)	975 E. First South	Salt Lake City, Utah
Keedy, Christian, (Betty)	1342 DuPont Bldg.	Miami, Fla.
Kell, Joseph F., Jr., (Rita)	501 E. Franklin St.	Richmond, Va.
Keller, Edward B., (Marjorie)	384 Post St.	San Francisco, Cal.
Kempe, Ludwig G., (Czenta)	OSC Box 302, Walter Reed General Hospital	Washington 12, D. C.
Kendig, John H., (Phyllis Nell)	3720 Washington Blvd.	St. Louis 8, Mo.
Kendrick, John F., Jr., (Lou)	Medical Arts Bldg.	Richmond, Va.
Keplinger, James E., (Judith Ann)	7550 Hohman Ave.	Munster, Ind.
Kessler, Alfred R., (Charlotte)	960 Paulsen Bldg.	Spokane 1, Wash.
Kessler, Laibe A., (Sydelle)	3600 Forbes Ave.	Pittsburgh 13, Pa.
Kiefer, Edward L., (Gretchen)	616 Eastman Bldg.	Boise, Idaho
Killian, Merle F., (Frances)	4073 Brockton Ave.	Riverside, Cal.
Kimbell, Fariss D., Jr., (Jane)	1515 W. Moreno St. Box 2398	Pensacola, Fla.
Kinal, Muri E., (Constance)	5 East 34th Street	Erie, Pa.
King, Robert B., (Molly)	150 Marshall St.	Syracuse 10, N. Y.
Kingman, Allen F., Jr., (Lt. Col.) (Hazel)	Beach Pavilion, Brooke General Hosp.	Ft. Sam Houston, Tex.
Kite, William C., Jr., (Dorothy Ann)	429 State St.	Albany 3, N. Y.
Klebanoff, M. Robert, (Betty)	717 Encino Place N. E.	Albuquerque, New Mexico
Kloos, Edward K., (Gertrude)	1920 N. W. Johnson St.	Portland 9, Oregon
Klotz, Joseph G., (Carol)	2416 Morgan Ave.	Corpus Christi, Texas
Knighton, Robert S., (Louise)	Henry Ford Hospital	Detroit 2, Mich.
Kuhn, Robert A.	25 Franklin St.	Morristown, New Jersey
Kuri, Jose, (Julia)	Edificio Medico-Dental, 19 a. Avenida Norte & la Calle Pte.	San Salvador, El Salvador
Kvermland, Bruce N., (Ruth)	627 Medical Arts Bldg.	Portland 5, Oregon
Ladenheim, Jules C., (Janet)	179 Cedar Lane	Teaneck, New Jersey
LaLonde, Albert A., (Ida Carolyn)	609 Capitol National Bank Bldg.	Austin 16, Tex.
Lamberts, Austin E., (Evangeline)	68 Ransom Ave. N. E.	Grand Rapids 3, Mich.
Lamond, Donald E., (Evelyn)	2420 N. California St.	Stockton 4, Cal.
Lander, Howard, (Elsie)	820 McClellan St.	Spokane, Wash.
Landers, Bluit L., Jr., (Doris)	920 S. 18th St.	Birmingham, Ala.
Landry, Christopher L.	170 Merrimack St., Suite 310	Lowell, Mass.
Langfitt, Thomas W. (Carolyn)	700 Spruce St.	Philadelphia 7, Pa.
Lansche, James M., (Joan)	2625 Park Ave.	Concord, Cal.
Leimbach, Warren H., (Virginia)	350 E. Broad St.	Columbus, Ohio
Levin, Jules D., (Beverly)	161 W. Wisconsin Ave.	Milwaukee, Wis.
Levy, Laurence F.	19 Medical Center, Baines Ave.	Salsbury, South Rhodesia

ALPHABETICAL ROSTER (Continued)

Lewis, Revis C., (Ann)	1200 Professional Bldg.	Kansas City 6, Mo.
Lin, Paul M., (Sylvia)	The Benson (Suite 123)	Jenkintown, Pa.
Lin, Tung Hui, (Susan)	142 Joralemon St.	Brooklyn 1, N. Y.
Lindner, David W., (Margaret Dorothy)	801 David Whitney Bldg.	Detroit 26, Mich.
Ling, Alexander, (Billie)	930 Hanna Bldg.	Cleveland, Ohio
Lisle, A. C., Jr., (Madge)	1111 North Lee	Oklahoma City, Okla.
Liss, Henry R., (Amy)	382 Springfield Ave.	Summit, New Jersey
List, Carl F., (Eva)	833 Lake Drive S. E.	Grand Rapids 6, Mich.
Liu, David C. T., (Pin Pin)	1855 San Miguel Drive	Walnut Creek, Cal.
Llewellyn, Raeburn C., (Selita)	1430 Tulane Ave.	New Orleans 12, La.
Lockhart, Walter S., Jr., (Doreen)	1011 Broad St.	Durham, N. C.
Long, R. Gordon, (Francoise)	601 N. Broadway	Baltimore 5, Md.
Longo, Rafael, (Betty)	1475 Wilson Ave.	Santurce, Puerto Rico
Lourie, Herbert, (Betty)	150 Marshall St.	Syracuse, N. Y.
Lowrey, John J., (Catherine)	3, 1000 Ward Ave. <i>888 So. King</i>	Honolulu 14, Hawaii
Luros, John Theodore, (Bonnie)	1633 N. Capitol Ave.	Indianapolis 2, Ind.
Luessenhop, Alfred J., (Elizabeth Ann)	Dept. of Neurological Surgery, Georgetown University Hos- pital, 3800 Reservoir Rd.	Washington 7, D. C.
Lynge, Harold Norman, (Patricia)	2 South 13th St.	San Jose, Cal.
McAlhany, Howard J., (Ruth)	315 Professional Bldg. 609 Cherry St.	Springfield, Mo.
McBride, Bert H., (Gloria)	2350 Auburn Ave.	Cincinnati 19, Ohio
McCaskill, Daniel, (Elizabeth Jane)	521 Doyle Park Dr.	Santa Rosa, Cal.
McClintock, Homer G., (Priscilla)	1855 Gaylord	Denver 18, Colo.
McClure, Christopher C., Jr., (Marguerite)	1903 Hayes St.	Nashville, Tenn.
McCoy, Archibald D., (Agnes)	68 N. Chicago St.	Joliet, Ill.
McDonald, Joseph V., (Carolyn)	1351 Mt. Hope Ave.	Rochester 20, N. Y.
McDonnell, Robert R., (Ruth)	96 York St.	New Haven 11, Conn.
McFadden, Joseph T., (Patricia)	607 Medical Tower, Med. Center	Norfolk 7, Va.
McGuire, John F., (Marian)	949 David Whitney Bldg.	Detroit 26, Mich.
McKeel, Millard F., (Margaret Ann)	Center Med. Bldg.	Asheville, N. C.
McKinney, William W., (Virginia)	800 5th Ave.	Fort Worth, Texas
McLaurin, Robert L., (Kathleen)	Eden and Bethesda Ave.	Cincinnati 19, Ohio
McNerney, John C., (Katherine)	65 Prospect St.	Stamford, Conn.
McQueen, John D., (Jean)	4940 Eastern Ave.	Baltimore 24, Md.
Mabon, Robert, (Sara Frances)	1211 W. Peachtree St., N.E.	Atlanta, Ga.
Manders, Karl L., (Helen)	3400 N. Meridian St.	Indianapolis 8, Ind.
Manfredi, Roland A., (Helen)	25 E. Washington Blvd.	Chicago 2, Ill.
Manganiello, Louis O. J., (Carol)	Medical Arts Bldg., 1467 Harper St.	Augusta, Ga.
Manning, George C., Jr., (Georgianna)	534 W. Berry St.	Fort Wayne, Ind.

ALPHABETICAL ROSTER (continued)

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Markley, George M., (June).....	1711 N. Front St.....	Harrisburg, Pa.
Marshall, Thomas M., (Nancy).....	708 Medical Towers Bldg.....	Louisville, Ky.
Martin, Francis A., (Mary).....	880 S. Woodward Ave.....	Pontiac, Mich.
Martin, Luther C., (Caroline).....	82 Rutledge Ave.....	Charleston, S. C.
Martinez-Galindo, Juan D., (Phyllis).....	University of Virginia.....	Charlottesville, Va.
Martinez-Niochet, Arminio, (Leonor).....	Centro Medico.....	Caracas, Venezuela, S. A.
Mason, Thomas H., (Louise).....	1541 Union St.....	Schenectady 8, N. Y.
Mateos, Jose Humberto (Lorna).....	<i>Sierra Gorda No. 10, Lomas de Chapultepec</i> Mazatlan 22-1.....	Mexico D.F., Mexico
Mathews, Ernest S., (Mary Alice).....	382 Springfield Ave.....	Summit, N. J.
Mayer, Jack A., (Molly).....	605 Bloor St.....	Toronto, Ontario, Canada
Meagher, John N., (Maxine).....	1275 Olentangy River Road.....	Columbus 12, Ohio
Mealey, John, (Suzanne).....	1100 W. Michigan St.....	Indianapolis 7, Ind.
Medinets, Howard (Lois).....	109 South Munn Ave.....	East Orange, N. J.
Mendelsohn, Robert A., (Greta).....	1015 Spring St.....	Silver Spring, Md.
Mense, Jackson S., (Beverly).....	1360 W. 6th St.....	San Pedro, Cal.
Merrick, Robert L., (Charlotte).....	960 Lowry Medical Arts Bldg.....	St. Paul, Minn.
Meub, Daniel W., (Betty May).....	Medical Plaza 3-5.....	Palo Alto, Cal.
Miller, Joseph H., (Netta Sue).....	220 S. Claybrook.....	Memphis, Tenn.
Miller, Leroy J., (Eleanor).....	717 Encino Place N. E.....	Albuquerque, New Mexico
Miller, Ross H., (Catherine).....	Mayo Clinic.....	Rochester, Minn.
Mingrino, Salvatore.....	Instituto di Neurochirurgia, Universita Degli Studi di Padova Via Giustiniani, 5.....	Padova, Italy
Moon, Tai Joon, (Yong Boo).....	Yonsei University, College of Medicine.....	Seoul, Korea
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Mora, Federico, (Natalie Virginia).....	200 Oak St., N. E.....	Albuquerque, New Mexico
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Mount, Harry T. R., (Maude).....	276 Elgin St.....	Ottawa, Ontario, Canada
Mudd, Robert H., (Emelil).....	1729 Springhill Ave.....	Mobile, Ala.
Muehlig, Wilbur A., (Marjorie).....	636 Medical Arts Bldg.....	Omaha 2, Neb.
Mufson, Joseph A., (Ann).....	759 N. Milwaukee St.....	Milwaukee 2, Wis.
Munslow, Ralph A., (Mary Frances).....	1233 Nix Professional Bldg.....	San Antonio, Tex.
Murtagh, Frederick, (Mary).....	3401 N. Broad St.....	Philadelphia 40, Pa.
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Nash, Francis P.....	100 N. Euclid.....	St. Louis 10, Mo.
Nash, Tom M., (Gloria).....	720 Medical Arts Bldg.....	Dallas, Texas
Nashold, Blaine Sanders, Jr., (Irene).....	Duke Univ. Medical Center.....	Durham, N. C.
Neill, Walter R., (Karleen).....	214 Medical Arts Bldg.....	Jackson, Miss.

ALPHABETICAL ROSTER (Continued)

Newquist, Richard E., (Louise)	USAF Hosp.	Carswell AFB, Texas
Nichols, James B., Jr., (Geraldine)	120 W. Ravine Road	Kingsport, Tenn.
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Nielsen, Aage, (Marian)	10 Peterboro St.	Detroit, Mich.
Nilges, Richard G., (Jean)	Suite 205, 700 N. Michigan Ave.	Chicago 11, Ill.
Nishimoto, Akira, (Michiko)	Dept. of Neurosurgery Okayama Univ. Medical School	Okayama, Japan
Norstrom, Craig, (Jacqueline)	2416 Morgan St.	Corpus Christi, Tex.
Northrop, Paul E., (Pauline)	1930 Wilshire Blvd.	Los Angeles 57, Cal.
Oberhill, Harold R., (Beth)	251 E. Chicago Ave.	Chicago 11, Ill.
O'Brien, Francis H., (Mary Kathryn)	155 Grove St.	Waterbury, Conn.
O'Connell, Frank B., (Mildred)	120 W. Ravine Road	Kingsport, Tenn.
Ogle, William S., (Evelyn)	220 S. Claybrook	Memphis, Tenn.
Ojemann, Robert G., (Jean)	Massachusetts General Hospital	Boston 14, Mass.
Olive, Ignacio, (Esther)	Durango 50 Bis-402	Mexico 7, D.F. Mexico
Olmedo, Livio, (Cecilia)	Suite B-1, Professional Bldg. Augustine Cut-Off	Wilmington, Del.
Olsen, Axel K., (Sadie)	230 N. Broad St.	Philadelphia 2, Pa.
Olson, C. Kent, (Patricia)	948 Medical Arts Bldg.	Minneapolis, Minn.
Olson, Ralph A., (Florence)	1150 Fifth Avenue	New York 28, N. Y.
Osher, Daniel, (Muriel)	315 Goodman St.	Cincinnati 19, Ohio
Ostrowski, Arthur Z., (Doris)	610 Northland Center Bldg.	Southfield, Mich.
Pace, John W., (Catherine)	2940 N. Fresno St.	Fresno 3, Cal.
Padberg, Frank, (Helen)	338 Waldon Bldg.	Little Rock, Ark.
Padilla, Rolando R., (Maria)	University Hospital of Cleve- land, 2065 Adelbert Rd.	Cleveland 6, Ohio
Paget, John F., (Elizabeth)	1438 Park Ave.	Bridgeport, Conn.
Palazzo, Frank A., (Adrienne)	4161 Lindell Blvd.	St. Louis, Mo.
Palmer, Robert F., (Mary Bernice)	384 Post St.	San Francisco 8, Cal.
Parkinson, Dwight, (Elizabeth)	418 Medical Arts Bldg., 404 Graham Ave.	Winnipeg 1, Manitoba, Canada
Patrick, Bernard S., (Jo)	Suite 425A, Baptist Memorial Hospital	Memphis 3, Tenn.
Pava, Arthur A., (Helen)	26 Mulberry St.	Springfield, Mass.
Perese, Dogan M., (Eris)	346 Linwood Ave.	Buffalo, N. Y.
Perlmutter, Irwin, (Corinne)	4685 Ponce de Leon Blvd.	Coral Gables, Fla.
Perot, Phanor L., Jr., (Mary Elizabeth)	3801 University St., Montreal Neurological Institute	Montreal 2, Canada
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Pfeil, Edgar T., Jr., (Virginia)	2021 N. Central Ave.	Phoenix, Ariz.
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ALPHABETICAL ROSTER (*Continued*)

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Pitts, Frederick W., (Dolores Barbara).....	3400 Spruce St.....	Philadelphia 4, Pa.
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Polakoff, Pedro P., Jr., (Thelma).....	The Benson (Suite 123).....	Jenkintown, Pa.
Polcyn, John L., (Helen).....	102 Pearl St.....	Lancaster, Pa.
Politoske, Edward J., (Marjorie).....	1111 N. Broadway.....	Santa Anna, Cal.
Pollard, Claude, Jr., (Eileen).....	3-B Medical Arts Square.....	Austin 5, Tex.
Pollard, William S., (Gwendolyn).....	324 N. 8th Ave. East.....	Duluth 2, Minn.
Polmeteer, Frank E., (Dorothy M.).....	110 Pine Ave.....	Long Beach, Cal.
Presti, Matthew, Helen).....	830 N. Tejon.....	Colorado Springs, Colo.
Price, Pliny A.....	156 Parsons Ave.....	Columbus 15, Ohio
Price, Richard D., (Ann).....	1233 Nix Professional Bldg.....	San Antonio, Tex.
Pucci, Gregory L., (Jean).....	246 Plaza Time Bldg.....	Kansas City 12, Mo.
Purvis, John T., (Jeane).....	USAF Hospital, Wright- Patterson AFB, Box 50210.....	
Rafes, Earl H., (Charlotte).....	Beaumont Neurologic Center, 3455 Stagg Drive.....	Beaumont, Tex.
Ralston, Bruce L., (Shirley).....	55 East 92nd St.....	New York 28, N. Y.
Ramirez-Amaya J., Antonio (Dora).....	25 Ave. Norte #640 C. Medicas.....	San Salvador, El Salvador
Ramirez-de Arellano, Max, (Marie).....	312 Prof. Bldg.....	Santurce, Puerto Rico
Raney, Aidan A., (Mary).....	2010 Wilshire Blvd.....	Los Angeles 57, Cal.
Ransohoff, Joseph (Rita).....	550 First Ave.....	New York 16, N. Y.
Raskind, Robert, (Darline).....	Kaiser Foundation Hospital, 280 W. McArthur Blvd.....	Oakland 11, Cal.
Ray, Charles Dean (Christie).....	Mayo Clinic and Foundation.....	Rochester, Minn.
Reed, H. Lester, (Norma).....	315 Fincastle Bldg.....	Louisville 2, Ky.
Rehfeldt, Frederick C., (Ethel).....	1001 Pennsylvania Ave.....	Fort Worth 4, Tex.
Reilly, Francis G., (Betsy).....	85 Jefferson St.....	Hartford 14, Conn.
Retter, Richard, (Betty).....	350 E. Broad St.....	Columbus 15, Ohio
Reynolds, David H., (Marjorie).....	1700 N. W. 10th Ave.....	Miami, Florida
Richland, Kenneth J., (Norma).....	16550 Ventura Blvd.....	Encino, Cal.
Rinaldi, Italo, (Gunnel).....	316 Main St.....	Newport News, Va.
Rivers, Morris H. (Joyce Anna).....	1749 N. Orange Grove Ave.....	Pomona, Cal.
Rizzoli, Hugo, (Helen).....	1150 Connecticut Ave. N. W.....	Washington 6, D. C.
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Robertson, Joseph W., (Jodie).....	437 Hermann Prof. Bldg. 6410 Fannin.....	Houston 25, Texas
Robinson, Franklin, (Gloria).....	114 Sherman Ave.....	New Haven 11, Conn.
Robson, John Theodore, (Leila).....	811 South Seventh St.....	Las Vegas, Nevada
Rock, Daniel A., (Amy).....	477 Main St.....	Lewiston, Maine
Rogers, J. Speed, (Beth).....	The Wheeling Clinic, 16th and Eoff St.....	Wheeling, W. Va.

ALPHABETICAL ROSTER (Continued)

Rcnis, Norman, Lt. Cmdr., M.C., USN	U.S. Naval Hospital, Navy #3923	FPO San Francisco, Calif.
Rosenauer, Adolf, (Eva)	505 S. Arlington	Reno, Nevada
Rosenberg, Alan W., (Myra)	16550 Ventura Blvd.	Encino, Cal.
Rosenbluth, Paul R., (Marian)	55 E. Washington	Chicago 3, Ill.
Roth, David B., (Katherine)	146 Wyoming St.	Dayton 9, Ohio
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Rovine, Bryon W., (Alice)	1005 First National Blvd.	Davenport, Iowa
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Russell, John R. (Jane)	1815 North Capitol Ave.	Indianapolis 2, Ind.
Rutledge, Robert (Peggy)	1111 North Lee	Oklahoma City, Okla.
Sachs, Ernest, Jr., (Jeanne)	Hitchcock Clinic	Hanover, New Hampshire
Sagen, William, (Rita)	333 West State St.	Trenton, N. J.
Salibi, Bahij S., (Margaret)	Marshfield Clinic	Marshfield, Wis.
Sanders, Morris	3607 Gaston Ave.	Dallas 10, Tex.
Sayers, Martin P., (Marjorie)	1275 Olentangy River Rd.	Columbus, Ohio
Schaerer, Jacques P., (Janet)	6500 Chippewa	St. Louis 9, Mo.
Scheibert, C. David, (Jean)	2010 Church St.	Nashville, Tenn.
Scheuerman, Walter G., (Rosemary)	333 W. State St.	Trenton, N. J.
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Schreiner, Leon, (Georgene)	1603 East 19th St.	Cheyenne, Wyoming
Schultz, E. C., (Marjorie)	101-B, Baptist Medical Bldg.	Memphis 3, Tenn.
Schwab, John E., ("Sandy")	1177 N. E. 8th Ave.	Delray, Fla.
Schweinfurth, James P., (Marjorie)	3244 E. Douglas	Wichita 8, Kansas
Schwidde, Jess T., (Kate)	Suite 102, 1231 N. 29th St.	Billings, Montana
Scott, Michael, (Catherine)	3401 N. Broad St.	Philadelphia, Pa.
Scott, Thomas E., Jr.	135 Broadway	Daytona Beach, Fla.
Sears, Robert A.	Baptist Professional Bldg., 340 Blvd., N. E.	Atlanta, Ga.
Secrest, Roy J., (Helen)	1275 Olentangy River Road	Columbus, Ohio
Segerberg, Ludwig H., (Mildred)	405 Heyburn Bldg.	Louisville 2, Ky.
Seletz, Emil, (Sylvia)	405 N. Bedford Drive	Beverly Hills, Cal.
Selverstone, Bertram	171 Harrison Ave.	Boston 11, Mass.
Sengstaken, Robert W., (Geraldine)	520 Franklin St.	Garden City, N. Y.
Senn, Francis E., Jr.	U.S. Naval Hospital	Portsmouth, Va.
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Shafer, William A.	7315 Olivetas St.	La Jolla, Cal.
Sharkey, Paul C., (Katherine)	1200 M.D. Anderson Blvd.	Houston, Tex.
Sharrett, John O., (Evelyn)	803 Cathedral St.	Baltimore 1, Md.
Sheldon, Keith W., (Gwenith)	752 E. Pikes Peak	Colorado Springs, Colo.
Shepard, John W., (Elizabeth)	1554 Northern Blvd.	Manhasset, N. Y.
Shillito, John, Jr., (Rosamond)	300 Longwood Ave.	Boston 15, Mass.
Shuer, Bernard B., (Estelle)	1841 Ottawa Drive	Toledo 2, Ohio
Siefert, H. Jack, (Barbara)	400 29th St.	Oakland 9, Cal.
Silver, Maurice L., (Edna)	#605 Ala Moana Bldg.	Honolulu 14, Hawaii
Silvermail, William T., Jr., (Joyce)	901 N. Second St.	Harrisburg, Pa.
Simmons, James C. H., (Vanita)	20 S. Dudley St.	Memphis 3, Tenn.

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Tobler
Ohio

ALPHABETICAL ROSTER (Continued)

Simpson, James R., (Helen)	508 First National Bank Bldg.	Hamilton, Ohio
Siqueira, Edir Barros, (Mary Christine)	251 E. Chicago Ave.	Chicago 11, Ill.
Skultety, F. Miles, (Constance)	Dept. of Surgery, University Hospitals	Iowa City, Iowa
Slade, Harry, (Betty)	2208 Washington Ave.	Waco, Tex.
Slemmer, Robert E., (Margaret)	2328 Auburn Ave.	Cincinnati 19, Ohio
Slepian, Alexander, (Olive)	742 Main St.	Niagara Falls, N. Y.
Smiley, Gordon L., (Edith)	1169 Eastern Parkway	Louisville, Ky.
Smith, George W., (Mildred)	1320 S. Minnesota Ave.	Sioux Falls, S. D.
Smith, George Williams, (Sara)	Medical College of Georgia	Augusta, Ga.
Smith, Richard A.	384 Peachtree St., N. E.	Atlanta 8, Ga.
Smith, Roger A., (Lillian)	365 E. 21st St.	San Bernardino, Cal.
Smith, W. Eidson, (Jane)	Blount Professional Bldg.	Knoxville 20, Tenn.
Smolik, Edmund A. (Jane)	100 N. Euclid	St. Louis 8, Mo.
Sobel, Garrison L., (Irma)	1761 W. Romneya Drive	Anaheim, Cal.
Solis, Carlos (Mireya)	Sinaloa 10, No. 104	Mexico D.F., Mexico
Somberg, Harold M., (Ethel)	31 Lincoln Park	Newark, N. J.
Sosa Montalvo, Dagoberto, (Vilma)	11 Calle #2-37 zona 1	Guatemala, Guatemala
Speigel, I. Joshua, (Rosalynde)	55 E. Washington St.	Chicago 2, Ill.
Spence, William T., (Frances)	1150 Connecticut Ave., N. W.	Washington, D. C.
Stafford, Donald E., (Elizabeth)	902 Boren Ave.	Seattle 4, Wash.
Stahlman, Gray E. B., (Gloria)	648 E. Santa Clara St.	San Jose, Cal.
Starr, Harry, (Dorothy)	Beaumont Neurological Center 3455 Stagg Drive	Beaumont, Texas
Steelman, Harry F., (Laureen)	550 W. Thomas Rd.	Phoenix 12, Ariz.
Stoll, Julius, Jr., (Ann)	110 Lockwood St.	Providence 2, R. I.
Storino, Henry E., (Joan M.)	2920 N. E. 15th Ave.	Medford, Oregon
Story, Jim Lewis, (Joanne)	Division of Neurosurgery, University of Minnesota Hospital	Minneapolis 14, Minn.
Stowell, Averill, (Dorothy)	1151 S. Peoria Ave.	Tulsa, Okla.
Strain, Richard E., (Anne)	401 Building, 401 Miracle Mile	Coral Gables, Fla.
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Stratemeyer, Winslow P., (Eileen)	1501 Arizona	El Paso, Tex.
Stratford, Joseph, (Aurelie)	The Montreal General Hospital	Montreal 25, Quebec, Canada
Strewler, Gordon J., (Effie)	412 Medical Arts Bldg.	Duluth 2, Minn.
Sturman, Robert H., (Gloria)	155 Grove St.	Waterbury, Conn.
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Suechting, Ralph L., (Dorothy)	116 S. Commercial St.	Neenah, Wis.
Sullivan, Benjamin H., (Elsie)	Medical Arts Bldg., 1950 Arlington Ave.	Sarasota, Florida
Sullivan, Edward J., (Mignonne)	Riverside Ave. at Barrs St.	Jacksonville, Fla.
Sutherland, Daniel Lawrence (Betty Ann)	Medical Arts Bldg.	St. Johns, Newfoundland, Canada

ALPHABETICAL ROSTER (Continued)

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Svien, Hendrik J., (Nancy).....	200 First Street, S. W.....	Rochester, Minn.
Sweeney, Donald B., (Kathryn).....	909 South 18th St.....	Birmingham 5, Ala.
Taheri, Z. E., (Frances).....	1411 Center Ave.....	Bay City, Michigan
Taren, James A.....	University Hospital.....	Ann Arbor, Michigan
Taarnhoj, Palle, (Vippi).....	Department of Neurological Surgery, Copenhagen County Hospital.....	Glostrup, Denmark
Taxdal, David S. R., (Lucia).....	1417 Lakeland Hills Blvd.....	Lakeland, Fla.
Taylor, Charles W., (Margaret).....	63 Academy Medical Bldg.....	Calgary, Alberta, Canada
Teahan, John W., (Mary).....	140 Woodland St.....	Hartford, Conn.
Thelen, Emil P., (Irene).....	724 Cass St.....	Monterey, Cal.
Theodotou, Chris B., (Helen).....	156 Parsons Ave.....	Columbus 15, Ohio
Thomas, Llywellyn Murray, (Pauline).....	801 David Whitney Bldg.....	Detroit 26, Mich.
Thompson, John M., (Dorothy).....	1060 Seventh Ave. North.....	St. Petersburg, Fla.
Thompson, Raymond K.....	803 Cathedral St.....	Baltimore 1, Md.
Tice, William P., (Dorothy).....	2037 Crystal Spring Ave.....	Roanoke, Va.
Tilly, David A., (Kathleen).....	1746 Allen St.....	Allentown, Pa.
Timmons, Robert Lansing, (Joan).....	North Carolina Memorial Hospital.....	Chapel Hill, N. C.
Tindall, George, (Catherine).....	Veterans Administration Hospital, Fulton St. and Erwin Road.....	Durham, N. C.
Titrud, Leonard, (Jeri).....	929 Medical Arts Bldg.....	Minneapolis 2, Minn.
Todd, Edwin M., (Lannie).....	600 W. Huntington Drive.....	Arcadia, Cal.
Tolmach, Robert S., (Nancy).....	2227 Biscayne Blvd.....	Miami 37, Fla.
Tozer, Richard C., (Dorothy).....	3617 W. Sixth St.....	Topeka, Kans.
Trowbridge, William V., (Lois).....	1130 Hanna Blvd.....	Cleveland 15, Ohio
Turkman, Wahdeddin T., (Kirsten).....	3600 Forbes Ave.....	Pittsburgh 13, Pa.
Turner, Oscar A., (Peggy).....	2136 Glenwood Ave.....	Youngstown 11, Ohio
Turpin, William R., (Betsy).....	Capitol National Bank Bldg., Suite 609.....	Austin, Tex.
Tyrer, A. Roy, Jr., (Myrtle).....	220 S. Claybrook.....	Memphis, Tenn.
Tytus, John S., (Virginia).....	1118 Ninth Ave.....	Seattle, Wash.
Udvarhelyi, George B., (Elsbeth Mary).....	601 N. Broadway.....	Baltimore 5, Md.
Ullrich, Donald P., (Carmilla).....	6001 W. Center St.....	Milwaukee 10, Wis.
Valin, Robert J., (Jean).....	Cambridge Medical Bldg., 575 Mt. Auburn St.....	Cambridge, Mass.
Van Blaricom, Lawrence S., (Freda).....	Medical Center Bldg.....	Asheville, N. C.
Van Buren, John M., (Shirley).....	National Institute of Neurologi- cal Diseases and Blindness, National Institutes of Health.....	Bethesda, Md.
van den Noort, Gordon, (Isabel).....	958 County Line Road.....	Bryn Mawr, Pa.
Van Horn, Philip R., (Norma).....	411 30th Street.....	Oakland 9, Cal.
Van Latingham, John H., (Jean).....	303 N. Main St.....	Rockford, Ill.

ALPHABETICAL ROSTER (Continued)

Varner, John D., (Betsy).....	2037 Crystal Spring Ave., S. W.	Roancke, Va.
Velasco-Suarez, Manuel M., (Elvira).....	Tonala 15, Cuarto Piso	Mexico 7., D.F., Mexico
Velo, Antonio G., (Nan)	311 Medical Arts Bldg.	Richmond 19, Va.
Verbrugghen, Adrien, (Helen)	2020 W. Charleston Blvd.	Las Vegas, Nev.
Voris, David C., (Margaret)	30 N. Michigan Ave.	Chicago 2, Ill.
Voris, Harold C., (Ila)	30 N. Michigan Ave.	Chicago 2, Ill.
Walker, Exum, (Frances)	570-C Doctors Bldg., 490 Peachtree St., N. E.	Atlanta 8, Georgia
Walker, Francis S., (Jean)	150 N. Meramec	Clayton, Missouri
Walker, James C., (Mary)	264 Beacon St.	Boston 15, Mass.
Wallace, Peter B.	220 Overton Ave.	Memphis, Tenn.
Wallace, William E., (Juanita)	Suite 4141, Guarantee Bank Bldg.	Cedar Rapids, Iowa
Wallman, Lester J., (Elizabeth)	Degoesbriand Hospital	Burlington, Vt.
Wannamaker, Gordon T., (Cynthia)	134 Rutledge Ave.	Charleston, S. C.
Weadon, Preston S., (Betty)	211 Bronson Medical Center 252 E. Lovell St.	Kalamazoo, Mich.
Weaver, Edgar N., (Evelyn)	2037 Crystal Spring Ave.	Roanoke, Va.
Webb, J. Hugh, (Emma)	206 Bell Bldg., 709 Madison Ave.	Toledo, Ohio
Webster, John E.	46 Pine Court	Grosse Pointe Farms, Mich.
Weiford, Edward C., (Mary)	4320 Wornall Road	Kansas City 11, Mo.
Weinberger, Laurence M.	900 Second National Bank Bldg.	Akron, Ohio
Weiss, Robert M., (Esther)	127 Fulton Ave.	Poughkeepsie, N. Y.
Westhaysen, Peter Vander, (Helen)	7550 Hohman Ave.	Munster, Ind.
Weyand, Robert D., (Camille)	411 30th Street	Oakland, Cal.
Whitten, Charles A., Jr., (Martha)	932 Belmont Ave.	Youngstown 4, Ohio
Wiley, J. Larue, (Ann)	15 Prince St.	Rochester 7, N. Y.
Williams, James R., (Lorraine)	110 E. Routt	Pueblo, Colo.
Williams, John R., (Jean)	1111 Conlon, S. E.	Grand Rapids, Mich.
Williamson, L. M.	408 Third Street	Wausau, Wis.
Wilson, Charles M., (Julie)	712 N. Washington	Dallas, Texas
Wilson, Donald H., (Elise)	535 Broadview Ave.	Ottawa, Ontario, Canada
Winokur, Gerald L., (Marian)	Medical Arts Bldg., 8 Clifton Place	Jersey City, N. J.
Winter, Arthur, (Ruth Nancy)	377 S. Harrison St.	East Orange, N. J.
Wisoff, Hugh S., (Irene)	27 Ludlow St.	Yonkers, N. Y.
Witt, Joseph A., (Eleanor)	Dept. of Neurosurgery, University of California Medical Center	San Francisco 22, Cal.
Wood, Francis A., (Mary)	153 Roseville Ave.	Newark 7, N. J.
Wood, Matthew W., (Betty Jean)	20 S. Dudley	Memphis 3, Tenn.
Woods, Robert P., (Dorothy)	Box 829	Topeka, Kansas
Wrenn, Frank R., (Betty)	123 Mallard St.	Greenville, S. C.
Wright, Robert C., (Margaret)	212 Front St.	Jamestown, N. Y.
Wu, William Q., (Cecile)	701 East 63rd St.	Kansas City 10, Mo.
Yates, Basil M.	1441 Flamingo Way	Hialeah, Florida

ALPHABETICAL ROSTER *(Continued)*

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Yuan, Robert H., (Grace)	171 Harrison Ave.	Boston 11, Mass.
Yuhl, Eric T., (Kathleen)	2222 Santa Monica Blvd.	Santa Monica, Cal.
Zealear, David S., (Frances)	2940 N. Fresno	Fresno, Cal.
Zerbe, Walter G., (Maureen)	1919 N. Front St.	Harrisburg, Pa.
Zinker, Leonard L., (Dorothy Anne)	277 Alexander St.	Rochester 7, N. Y.
Zoll, John G.	346 Linwood Ave.	Buffalo 9, New York