

AMERICAN ACADEMY  
OF NEUROLOGICAL SURGERY



THIRTY-FIRST  
ANNUAL MEETING

St. Regis — Sheraton Hotel  
Roof Garden

New York City

September 21, 1969

# THE AMERICAN ACADEMY OF NEUROLOGICAL SURGERY

## OFFICERS - 1969/70

*President* . . . . . Robert Pudenz  
*President - Elect* . . . . . William Scoville  
*Vice President* . . . . . Augustus McCravey  
*Secretary - Treasurer* . . . . . Byron C. Pevehouse  
*Historian* . . . . . Howard A. Brown  
*President of Women's Auxiliary.* . . . . . Mrs. Francis Echlin

## COMMITTEES

### *EXECUTIVE COMMITTEE*

Robert Pudenz, *Chairman*  
George Ehni  
James G. Galbraith  
August McCravey  
Byron C. Pevehouse  
William Scoville

### *SUBCOMMITTEE ON CORRESPONDING MEMBERSHIP*

Lyle A. French, *Chairman*  
Edwin B. Boldrey  
Theodore B. Rasmussen  
William Scoville  
Hendrick J. Svien

### *PROGRAM COMMITTEE FOR 1970*

Eldon Foltz, *Chairman*  
William H. Feindel  
Charles Wilson

### *ROUND ROBIN COMMITTEE*

Richard De Saussure, *Chairman*  
William Meacham  
Byron C. Pevehouse  
Alfred Uihlein

### *ACADEMY AWARD COMMITTEE FOR 1970*

Henry L. Heyl, *Chairman*  
Thomas Ballantine  
Frank E. Nulsen

### *LOCAL ARRANGEMENTS COMMITTEE FOR 1969*

Francis A. Echlin, *Chairman*  
James Correll  
Joseph Ransohoff

### *MEMBERSHIP ADVISORY COMMITTEE*

Guy L. Odom, *Chairman*  
Lyle A. French  
James G. Galbraith  
Frank E. Nulsen  
Byron C. Pevehouse  
Robert Pudenz

### *LOCAL ARRANGEMENTS COMMITTEE FOR 1970*

Juan Cardenas y C., *Chairman*  
Byron C. Pevehouse

# GUESTS OF ACADEMY - 1969

## GUEST

## HOST

Prof. N. O. Ameli, <i>Teheran, Iran</i> . . . . .	J. Lawrence Pool
Prof. A. I. Arutiunov, <i>Moscow, U. S. S. R.</i> . . . . .	William Scoville and Charles Wilson
Prof. & Mrs. Alfonso Asenjo, <i>Santiago, Chile</i> . . . . .	Earl Walker
Prof. & Mrs. Gunnar Bjorkestén, <i>Helsingfors, Finland</i> . . . . .	Benjamin Whitcomb
Prof. & Mrs. Keith C. Bradley, <i>Melbourne, Australia</i> . . . . .	Barnes Woodhall
Prof. & Mrs. Jean Brihaye, <i>Bruxelles, Belgium</i> . . . . .	Robert King
Prof. Bendt Broager, <i>Copenhagen, N. V., Denmark</i> . . . . .	Hannibal Hamlin
Prof. Mario Brock, <i>Mainz, West Germany</i> . . . . .	William Feindel
Prof. & Mrs. Karl Bushe, <i>Gottingen, West Germany</i> . . . . .	Charles Drake
Prof. & Mrs. Hans E. Diemath, <i>Salzburg, Austria</i> . . . . .	Edwin Boldrey
Prof. F. J. Gillingham, <i>Edinburg 3, Scotland</i> . . . . .	Guy S. Odom
Prof. & Mrs. Beniamino Guidetti, <i>Rome, Italy</i> . . . . .	Hendrik Svien
Prof. Norman Gutchkelch, <i>Hull, Yorkshire, England</i> . . . . .	Joseph Ransohoff
Prof. & Mrs. Jan Gybels, <i>Leuven, Belgium</i> . . . . .	Theodore Rasmussen
Prof. & Mrs. Phillip Harris, <i>Edinburgh, Scotland</i> . . . . .	James Greenwood
Prof. George F. Hendriksen, <i>Sandvika, Norway</i> . . . . .	Kristian Kristiansen
Prof. Shozo Ishii, <i>Hongo, Tokyo, Japan</i> . . . . .	Joseph Evans
Prof. Herbert H. Jasper, <i>Montreal, Canada</i> . . . . .	Francis Echlin
Prof. Antony A. Jefferson, <i>Sheffield, England</i> . . . . .	John Tytus
Col. Ludwig G. Kempe, MC, <i>Washington, D. C.</i> . . . . .	Henry Schwartz
Prof. & Mrs. Hugo Krayenbuhl, <i>Zurich, Switzerland</i> . . . . .	William Sweet
Prof. & Mrs. Adolfo Ley-Garcia, <i>Barcelona, Spain</i> . . . . .	Ernest Mack
Mrs. Donald Matson, <i>Boston, Massachusetts</i> . . . . .	Academy
Dr. & Mrs. Collin McCarty, <i>Rochester, Minnesota</i> . . . . .	Robert Pudenz
Prof. & Mrs. W. Noordenbos, <i>Amsterdam, Netherlands</i> . . . . .	Frank Nulsen
Prof. Gosta Norlen, <i>Goteborg, Sweden</i> . . . . .	Frank Mayfield
Prof. & Mrs. Sixto Obrador-Alcalde, <i>Madrid, Spain</i> . . . . .	Lyle French
Prof. Bernard Pertuiset, <i>Paris, France</i> . . . . .	Tom Ballantine
Prof. Rudolf Petr, <i>Hradec Kralove, Czechoslovakia</i> . . . . .	Herbert Lourie
Prof. John Potter, <i>Oxford, England</i> . . . . .	Byron Pevehouse
Prof. & Mrs. Peter Rasmussen, <i>Copenhagen, Denmark</i> . . . . .	Robert Fisher
Prof. Keiji Sano, <i>Tokyo, Japan</i> . . . . .	William Scoville
Prof. & Mrs. Charas Suwanwela, <i>Bangkok, Thailand</i> . . . . .	Eben Alexander
Prof. & Mrs. Palle Taarnhoj, <i>Glostrup, Denmark</i> . . . . .	Donald Dohn
Mr. A. R. Taylor, <i>Belfast, N. Ireland</i> . . . . .	John Mullan
Prof. H. Verbiest, <i>Utrecht, Netherlands</i> . . . . .	Richard De Saussure
Prof. & Mrs. Manuel Velasco-Suarez, . . . . . <i>Mexico City, Mexico</i>	William Scoville and Howard Brown
Prof. G. Yasargil, <i>Zurich, Switzerland</i> . . . . .	Robert McLaurin

# PROGRAM

Roof Garden, St. Regis-Sheraton Hotel, New York City  
Sunday, September 21, 1969

6:30 p.m.

RECEPTION & COCKTAIL HOUR  
Hors D'Oeuvres, Chaud et Froid

7:30 p.m.

DINNER

*Chef de Cuisine – Ernest Imhoff*

## MENU

Petite Marmite Henri IV  
Paillettes d'or

Supremes de Volaille

Asperges polonaise  
Pommes de Terre de la Parisienne

Salade aux Fines Herbes

Souffle glace pralin  
Peches flambee  
Petits Fours

Cafe

Le Vin: Wente – Pinot Chardonnay

8:30 p.m.

WELCOME & ANNOUNCEMENTS  
INTRODUCTION OF GUESTS

Robert Pudenz, M. D.

*President, The American Academy of Neurological Surgery*

9:00 p.m.

DANCING

# PAST MEETINGS OF THE ACADEMY

Hotel Netherlands Plaza, Cincinnati, Ohio . . . . .	October 28-29, 1938
Roosevelt Hotel, New Orleans, Louisiana . . . . .	October 27-29, 1939
Tudor Arms Hotel, Cleveland, Ohio . . . . .	October 21-22, 1940
Mark Hopkins Hotel, San Francisco, and Ambassador Hotel, Los Angeles, California . . . . .	November 11-15, 1941
The Palmer House, Chicago, Illinois . . . . .	October 16-17, 1942
Hart Hotel, Battle Creek, Michigan . . . . .	September 17-18, 1943
Ashford General Hospital, White Sulphur Springs, West Virginia . . . . .	September 7-9, 1944
The Homestead, Hot Springs, Virginia . . . . .	September 9-11, 1946
Broadmoor Hotel, Colorado Springs, Colorado . . . . .	October 9-11, 1947
Windsor Hotel, Montreal, Canada . . . . .	September 20-28, 1948
Benson Hotel, Portland, Oregon . . . . .	October 25-27, 1949
Mayo Clinic, Rochester, Minnesota . . . . .	September 28-30, 1950
Shamrock Hotel, Houston, Texas . . . . .	October 4-6, 1951
Waldorf-Astoria Hotel, New York City . . . . .	Sept. 29 - October 1, 1952
Biltmore Hotel, Santa Barbara, California . . . . .	October 12-14, 1953
Broadmoor Hotel, Colorado Springs, Colorado . . . . .	October 21-23, 1954
The Homestead, Hot Springs, Virginia . . . . .	October 27-29, 1955
Camelback Inn, Phoenix, Arizona . . . . .	November 8-10, 1956
The Cloister, Sea Island, Georgia . . . . .	November 11-13, 1957
The Royal York Hotel, Toronto, Canada . . . . .	November 6-8, 1958
Del Monte Lodge, Pebble Beach, California . . . . .	October 18-21, 1959
Hotel Sheraton Plaza, Boston, Massachusetts . . . . .	October 5-8, 1960
Royal Orleans, New Orleans, Louisiana . . . . .	November 7-10, 1962
El Mirador, Palm Springs, California . . . . .	October 23-26, 1963
The Key Biscayne, Miami, Florida . . . . .	November 11-14, 1964
Terrace Hilton Hotel, Cincinnati, Ohio . . . . .	October 14-16, 1965
Fairmont Hotel & Tower, San Francisco, California . . . . .	October 17-19, 1966
The Key Biscayne, Miami, Florida . . . . .	November 8-11, 1967
Broadmoor Hotel, Colorado Springs, Colorado . . . . .	October 6-8, 1968

## PAST PRESIDENTS

Dean H. Echols	1938-39
Spencer Braden	1940
Joseph P. Evans	1941
Francis Murphey	1942
Frank H. Mayfield	1943
A. Earl Walker	1944
Barnes Woodhall	1946
William S. Keith	1947
Howard A. Brown	1948
John Raaf	1949
E. Harry Botterell	1950
Wallace B. Hamby	1951
Henry G. Schwartz	1952
J. Lawrence Pool	1953
Rupert B. Raney	1954
David L. Reeves	1955
Stuart N. Rowe	1956
Arthur R. Elvidge	1957
Jess D. Herrmann	1958
Edwin B. Boldrey	1959
George S. Baker	1960
C. Hunter Shelden	1961-62
Samuel R. Snodgrass	1963
Theodore B. Rasmussen	1964
Edmund J. Morrissey	1965
George Maltby	1966
Guy L. Odom	1967
James G. Galbraith	1968

## PAST VICE-PRESIDENTS

Francis Murphey	1941
William S. Keith	1942
John Raaf	1943
Rupert B. Raney	1944
Arthur R. Elvidge	1946
John Raaf	1947
Arthur R. Elvidge	1948
F. Keith Bradford	1949
David L. Reeves	1950
Henry G. Schwartz	1951
J. Lawrence Pool	1952
Rupert B. Raney	1953
David L. Reeves	1954
Stuart N. Rowe	1955
Jess D. Herrmann	1956
George S. Baker	1957
Samuel R. Snodgrass	1958
C. Hunter Shelden	1959
Edmund J. Morrissey	1960
Donald F. Coburn	1961-62
Eben Alexander, Jr.	1963
George L. Maltby	1964
Robert Pudenz	1965
Francis A. Echlin	1966
Benjamin Whitcomb	1967
Homer S. Swanson	1968

## PAST SECRETARY-TREASURERS

Francis Murphey	1938-40
A. Earl Walker	1941-43
Theodore C. Erickson	1944-47
Wallace B. Hamby	1948-50
Theodore B. Rasmussen	1951-53
Eben Alexander, Jr.	1954-57
Robert L. McLaurin	1958-62
Edwin W. Davis	1963-65
Robert G. Fisher	1966-68

# THE AMERICAN ACADEMY OF NEUROLOGICAL SURGERY

Founded October 28, 1938

## HONORARY MEMBERS - 3

ELECTED

PERCIVAL BAILEY . . . . .	1960
731 Lincoln Street Evanston, Illinois 60201	
WILDER PENFIELD . . . . .	1960
Montreal Neurological Institute 3801 University Street Montreal 2, Quebec, Canada	
R. EUSTACE SEMMES. . . . .	1955
20 S. Dudley Street, Suite 101-B Memphis, Tennessee 38103	

## SENIOR MEMBERS - 17

GEORGE BAKER. . . . .	1940
200 First Street, S.W. Rochester, Minnesota 55901	
E. HARRY BOTTERELL . . . . .	1938
Faculty of Medicine Queen's University Kingston, Ontario, Canada	
DONALD F. COBURN. . . . .	1938
6400 Prospect Avenue, Room 204 Kansas City, Missouri 64132	
THEODORE C. ERICKSON. . . . .	1940
University Hospitals 1300 University Avenue Madison, Wisconsin 53706	
JOSEPH P. EVANS . . . . .	Founder
University of Chicago Clinics 950 E. 59th Street Chicago, Illinois 60637	
WESLEY GUSTAFSON. . . . .	1942
First National Bank Building McAllen, Texas 78501	
WALLACE B. HAMBY (retired) . . . . .	1941
3001 N.E. 47th Court Fort Lauderdale, Florida 33308	
JESS HERRMANN. . . . .	1938
P. O. Box 135 Mountain Pine, Arkansas 71956	
HENRY L. HEYL. . . . .	1951
Dartmouth Medical School Hanover, New Hampshire 03755	

WILLIAM S. KEITH . . . . .	Founder
Toronto Western Medical Building, Suite 207	
25 Leonard Avenue	
Toronto, Ontario, Canada	
FRANCIS MURPHEY . . . . .	Founder
20 S. Dudley Street, Suite 101-B	
Memphis, Tennessee 38103	
J. LAWRENCE POOL . . . . .	1940
710 W. 168th Street	
New York, New York 10032	
DAVID REEVES . . . . .	1939
1278 Mesa Road	
Santa Barbara, California 93103	
STUART N. ROWE . . . . .	1938
302 Iroquois Building	
3600 Forbes Street	
Pittsburg, Pennsylvania 15213	
SAMUEL R. SNODGRASS . . . . .	1939
John Sealy Hospital	
University of Texas Medical Branch	
Galveston, Texas 77550	
EARL WALKER . . . . .	1938
Johns Hopkins Hospital	
Division of Neurological Surgery	
601 N. Broadway	
Baltimore, Maryland 21205	
BARNES WOODHALL . . . . .	1941
University Medical Center	
Durham, North Carolina 27706	

## CORRESPONDING MEMBERS - 5

FERNANDO CABIESES . . . . .	1966
Clínica Anglo Americana	
Apartado 2713	
Lima, Peru	
JUAN CARDENAS Y C. . . . .	1966
Av. Insurgentes Sur 594	
Mexico, D. F.	
JOHN GILLINGHAM . . . . .	1962
Boraston House, Ravelson	
Edinburg 4, Scotland	
KRISTIAN KRISTIANSEN . . . . .	1962
Oslo Kommune	
Ullval Sykehus	
Oslo, Norway	
B. RAMAMURTHI . . . . .	1966
2nd Main Road, C. I. T. Colony	
Madras 4, India	

## ACTIVE MEMBERS - 80

EBEN ALEXANDER, JR. . . . .	BETTY. . . . .	1950
Bowman Gray School of Medicine		1941 Georgia Avenue
Winston-Salem, North Carolina 27103		Winston-Salem, North Carolina 27104



<p> <b>II. THOMAS BALLANTINE, JR.</b> . . . .            Massachusetts General Hospital            Boston, Massachusetts 02114         </p>	<p> <b>ELIZABETH</b> . . . . . 1951            30 Embankment Road            Boston, Massachusetts 02114         </p>
<p> <b>GILLES BERTRAND</b> . . . . .            Montreal Neurological Institute            3801 University Street            Montreal, Quebec, Canada         </p>	<p> <b>LOUISE</b> . . . . . 1967            385 Lethbridge            Montreal 16, P.Q.         </p>
<p> <b>WILLIAM F. BESWICK</b> . . . . .            1275 Delaware Avenue            Buffalo, New York 14209         </p>	<p> <b>PHYLLIS</b> . . . . . 1949            59 Ashland Avenue            Buffalo, New York 14222         </p>
<p> <b>EDWIN B. BOLDREY</b> . . . . .            University of California Hospital            3rd Avenue &amp; Parnassus            San Francisco, California 94122         </p>	<p> <b>HELEN</b> . . . . . 1941            924 Hayne Road            Hillsborough, California 94010         </p>
<p> <b>SPENCER BRADEN</b> . . . . .            1130 Hanna Building            1422 Euclid Avenue            Cleveland, Ohio 44115         </p>	<p> <b>MARY</b> . . . . . Founder            2532 Arlington Road            Cleveland Heights, Ohio 44118         </p>
<p> <b>F. KEITH BRADFORD</b> . . . . .            1200 Moursund Avenue            Houston, Texas 77025         </p>	<p> <b>BYRA</b> . . . . . 1938            3826 Linklea Drive            Houston, Texas 77025         </p>
<p> <b>BARTON BROWN.</b> . . . . . 1968            2000 Van Ness Avenue            San Francisco, California 94109         </p>	
<p> <b>HOWARD A. BROWN</b> . . . . .            2000 Van Ness Avenue            San Francisco, California 94109         </p>	<p> <b>DOROTHY</b> . . . . . 1939            2240 Hyde Street            San Francisco, California 94109         </p>
<p> <b>HARVEY CHENAULT.</b> . . . . .            2134 Nicholasville Road            Lexington, Kentucky 40503         </p>	<p> <b>MARGARET.</b> . . . . . 1949            667 Tateswood Road            Lexington, Kentucky 40502         </p>
<p> <b>WILLIAM F. COLLINS, JR.</b> . . . . .            Yale University School of Medicine            333 Cedar Street            New Haven, Connecticut 06520         </p>	<p> <b>GWEN</b> . . . . . 1963            403 St. Ronan Street            New Haven, Connecticut 06511         </p>
<p> <b>JAMES CORRELL</b> . . . . .            Neurological Institute            710 W. 168th Street            New York, New York 10032         </p>	<p> <b>CYNTHIA</b> . . . . . 1966            Algonquin Trail            Saddle River, New Jersey 07458         </p>
<p> <b>COURTLAND DAVIS, JR.</b> . . . . .            Bowman Gray School of Medicine            Winston-Salem, North Carolina 27103         </p>	<p> <b>MARILYN</b> . . . . . 1967            921 Goodwood Road            Winston-Salem, North Carolina 27106         </p>
<p> <b>EDWARD W. DAVIS</b> . . . . .            Providence Medical Office Building            545 N.E. 47th Avenue            Portland, Oregon 97213         </p>	<p> <b>BARBARA</b> . . . . . 1949            Box 974, Route 3            Troutdale, Oregon 97060         </p>
<p> <b>RICHARD L. DeSAUSSURE</b> . . . . .            20 S. Dudley, Suite 101            Memphis, Tennessee 38103         </p>	<p> <b>PHYLLIS</b> . . . . . 1962            4290 Heatherwood Lane            Memphis, Tennessee 38117         </p>
<p> <b>DONALD F. DOHN</b> . . . . .            2020 E. 93rd Street            Cleveland, Ohio 44106         </p>	<p> <b>BETTY.</b> . . . . . 1968            3010 Huntington Road            Shaker Heights, Ohio 44120         </p>
<p> <b>CHARLES G. DRAKE</b> . . . . .            111 Waterloo Street, Suite 211            London, Ontario, Canada         </p>	<p> <b>RUTH</b> . . . . . 1958            R.R. 3, Medway Heights            London, Ontario, Canada         </p>

FRANCIS A. ECHLIN . . . . .	LETITIA . . . . .	1944
164 E. 74th Street	164 E. 74th Street	
New York, New York 10021	New York, New York 10021	
DEAN H. ECHOLS . . . . .	FRAN . . . . .	Founder
Ochsner Clinic	1428 First Street	
1514 Jefferson Highway	New Orleans, Louisiana 70130	
New Orleans, Louisiana 70121		
GEORGE EHNI . . . . .	VELAIRE (LARRY) . . . . .	1964
1531 Hermann Professional Building	16 Sunset	
6410 Fannin Street	Houston, Texas 77005	
Houston, Texas 77025		
ARTHUR ELVIDGE . . . . .		1939
Montreal Neurological Institute	1465 Bernard Avenue, West	
3801 University Street	Outremont, Quebec, Canada	
Montreal 2, Quebec, Canada		
WILLIAM H. FEINDEL . . . . .	FAITH . . . . .	1959
Montreal Neurological Institute	39 Thornhill Avenue	
3801 University Street	Westmount, P.Q., Canada	
Montreal 2, Quebec, Canada		
ROBERT G. FISHER . . . . .	CONSTANCE . . . . .	1957
800 N.E. 13th Street	107 Lake Aluma Drive	
Oklahoma City, Oklahoma 73104	Oklahoma City, Oklahoma 73121	
ELDON L. FOLTZ . . . . .	CATHERINE . . . . .	1960
University of California School of		
Medicine, Division of Neurological Surgery		
Irvine, California		
JOHN D. FRENCH . . . . .	DOROTHY . . . . .	1951
The Medical Center	345 North Carmelina Avenue	
University of California	Los Angeles, California 90049	
Los Angeles, California 90024		
LYLE A. FRENCH . . . . .	GENE . . . . .	1954
University of Minnesota Hospitals	85 Otis Lane	
Minneapolis, Minnesota 55455	St. Paul, Minnesota 55104	
JAMES G. GALBRAITH . . . . .	PEGGY . . . . .	1947
University of Alabama Medical Center	4227 Altamont Road	
1919 Seventh Avenue, South	Birmingham, Alabama 34213	
Birmingham, Alabama 34233		
SIDNEY GOLDRING . . . . .	LOIS . . . . .	1964
Barnes Hospital Plaza	11430 Conway Road	
Division of Neurosurgery	St. Louis, Missouri 63131	
St. Louis, Missouri 63110		
PHILIP D. GORDY . . . . .	ELIZABETH ANN (LISA) . . . . .	1968
1025 Walnut Street	420 N. Rose Lane	
Philadelphia, Pennsylvania 19107	Haverford, Pennsylvania 19041	
EVERETT G. GRANTHAM . . . . .	MARY CARMEL . . . . .	1942
625 Medical Towers, South	410 Mockingbird Hill Road	
Louisville, Kentucky 40202	Louisville, Kentucky 40207	
JOHN R. GREEN . . . . .	GEORGIA . . . . .	1943
Barrow Neurological Institute	2524 E. Crittendon Lane	
St. Joseph's Hospital	Phoenix, Arizona 85016	
Phoenix, Arizona 85013		
JAMES GREENWOOD, JR. . . . .	MARY . . . . .	1952
1117 Hermann Professional Building	3394 Chevy Chase Boulevard	
6410 Fannin Street	Houston, Texas 77019	
Houston, Texas 77025		

HANNIBAL HAMLIN . . . . .	MARGARET. . . . .	1948
270 Benefit Street	270 Benefit Street	
Providence, Rhode Island 02903	Providence, Rhode Island 02903	
JOHN W. HANBERY . . . . .	SHIRLEY. . . . .	1959
Division of Neurosurgery	70 Mercedes Lane	
Stanford Medical Center	Atherton, California 94025	
Palo Alto, California 94305		
GEORGE J. HAYES, . . . . .	CATHERINE . . . . .	1962
Commanding General	1362 Geranium Street, N.W.	
US Army Medical Command, Japan	Washington, D.C.	
APO San Francisco, California 96343		
E. BRUCE HENDRICK . . . . .	GLORIA . . . . .	1968
Hospital for Sick Children	63 Leggett Avenue	
555 University Avenue	Weston, Ontario, Canada	
Toronto, Ontario, Canada		
ROBERT B. KING . . . . .	MOLLY. . . . .	1958
University Hospital	408 Maple Drive	
Upstate Medical Center	Fayetteville, New York 13066	
750 E. Adams Street		
Syracuse, New York 13210		
ROBERT S. KNIGHTON . . . . .	LOUISE . . . . .	1966
Henry Ford Hospital	27486 Lathrup Boulevard	
2799 W. Grand Boulevard	Lathrup Village, Michigan 48075	
Detroit, Michigan 48202		
THEODORE KURZE . . . . .	EMMA . . . . .	1967
University of Southern California	2225 Homet Road	
School of Medicine	San Marino, California 91108	
1200 N. State Street		
Los Angeles, California 90033		
RAEBURN C. LLEWELLYN . . . . .	CARMEN . . . . .	1963
Tulane University	309 Opan Street, 4E	
1428 Tulane Avenue	New Orleans, Louisiana 70124	
New Orleans, Louisiana 70112		
WILLIAM M. LOUGHEED . . . . .	GRACE ELEANOR. . . . .	1962
Medical Arts Building, Suite 430	67 Ridge Drive	
170 St. George Street	Toronto, Ontario, Canada	
Toronto 5, Ontario, Canada		
HERBERT LOURIE . . . . .	BETTY. . . . .	1965
750 E. Adams Street	101 Thomas Road	
Syracuse, New York 13210	DeWitt, New York 13214	
JOHN J. LOWREY . . . . .	CATHERINE (KATY) . . . . .	1965
Straub Clinic	2299-B Round Top Drive	
888 S. King Street	Honolulu, Hawaii 96822	
Honolulu, Hawaii 96813		
ERNEST W. MACK . . . . .	ROBERTA . . . . .	1956
505 S. Arlington Avenue, Suite 212	235 Juniper Hill Road	
Reno, Nevada 89502	Reno, Nevada 89502	
GEORGE L. MALTBY. . . . .	ISABELLA (SIM) . . . . .	1942
31 Bramhall Street	Breakwater Farm	
Portland, Maine 04102	Cape Elizabeth, Maine	
FRANK MAYFIELD. . . . .	QUEENEE . . . . .	Founder
506 Oak Street	1220 Rookwood Drive	
Cincinnati, Ohio 45219	Cincinnati, Ohio 45208	
AUGUSTUS McCRAVEY . . . . .	HELEN . . . . .	1944
1010 E. Third Street	130 N. Crest Road	
Chattanooga, Tennessee 37403	Chattanooga, Tennessee	

ROBERT L. McLAURIN . . . . .	KATHLEEN . . . . .	1955
Division of Neurosurgery Cincinnati General Hospital Cincinnati, Ohio 45229	2461 Grandin Road Cincinnati, Ohio 45208	
WILLIAM F. MEACHAM . . . . .	ALICE . . . . .	1952
Vanderbilt Hospital Nashville, Tennessee 37203	3513 Woodmont Boulevard Nashville, Tennessee 37215	
EDMUND J. MORRISSEY. . . . .	KATE . . . . .	1941
450 Sutter Street, Suite 1504 San Francisco, California 94108	2700 Vallejo Street San Francisco, California 94123	
JOHN F. MULLAN . . . . .	VIVIAN. . . . .	1963
950 E. 59th Street Chicago, Illinois 60621	6911 S. Bennett Avenue Chicago, Illinois 60649	
BLAIN NASHOLD . . . . .	IRENE . . . . .	1967
Duke University Medical Center Durham, North Carolina 27706	410 E. Forest Hills Boulevard Durham, North Carolina	
FRANK E. NULSEN . . . . .	GINNY . . . . .	1956
Division of Neurosurgery University Hospitals of Cleveland University Circle Cleveland, Ohio 44106	21301 Shaker Boulevard Shaker Heights, Ohio	
GUY L. ODOM . . . . .	MATALAINE . . . . .	1946
Duke University Medical Center Durham, North Carolina 27706	2812 Chelsea Circle Durham, North Carolina	
ROBERT G. OJEMANN . . . . .	JEAN . . . . .	1968
Massachusetts General Hospital Boston, Massachusetts 02114	85 Nobscot Road Weston, Massachusetts 02193	
BYRON C. PEVEHOUSE. . . . .	MAXINE . . . . .	1964
2000 Van Ness Avenue San Francisco, California 94109	135 Mountain Spring Avenue San Francisco, California 94114	
ROBERT W. PORTER. . . . .	AUBREY DEAN . . . . .	1962
5901 E. 7th Street Long Beach, California 90804	5400 The Toledo Long Beach, California 90803	
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New York University Medical Center 550 First Avenue New York, New York 10016	140 Riverside Drive New York, New York	
THEODORE B. RASMUSSEN . . . . .	CATHERINE . . . . .	1947
Montreal Neurological Institute 3801 University Street Montreal 2, Quebec, Canada	29 Surrey Drive Montreal 16, Quebec, Canada	
DAVID REYNOLDS . . . . .	MARJORIE . . . . .	1964
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Shamrock Professional Building 2210 Maroneal Boulevard Houston, Texas 77025	5472 Lynbrook Drive Houston, Texas	
HENRY G. SCHWARTZ . . . . .	REEDIE . . . . .	1942
Barnes Hospital Plaza St. Louis, Missouri 63110	2 Briar Oak, Ladue St. Louis, Missouri 63132	
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85 Jefferson Street Hartford, Connecticut 06103	27 High Street Farmington, Connecticut	
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ANTHONY F. SUSEN . . . . .	IRIS . . . . .	1965
3600 Forbes Avenue Pittsburg, Pennsylvania 15213	204 Church Lane Pittsburg, Pennsylvania	
HENDRIK J. SVIEN . . . . .	NANCY . . . . .	1957
200 First Street, S.W. Rochester, Minnesota 55901	827 Eighth Street, S.W. Rochester, Minnesota	
HOMER S. SWANSON . . . . .	LAMYRA . . . . .	1949
1938 Peachtree Road, N.W. Atlanta, Georgia 30309	1951 Mt. Paran Road, N.W. Atlanta, Georgia	
WILLIAM H. SWEET . . . . .	MARY . . . . .	1950
Massachusetts General Hospital Boston, Massachusetts 02114	35 Chestnut Place Brookline, Massachusetts	
GEORGE T. TINDALL . . . . .	KATY . . . . .	1968
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1118 Ninth Avenue Seattle, Washington 98101	1000 N.W. Northwood Road Seattle, Washington 98177	
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200 First Street Rochester, Minnesota		
EXUM WALKER . . . . .	NELLE . . . . .	1938
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THOMAS A. WEAVER, JR. . . . .	MARY . . . . .	1943
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4200 E. Ninth Avenue Denver, Colorado 80220	744 Dexter Street Denver, Colorado 80220	
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85 Jefferson Street Hartford, Connecticut 06103	38 High Farms Road West Hartford, Connecticut	
CHARLES B. WILSON . . . . .	MARY . . . . .	1966
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DECEASED MEMBERS	DATE	ELECTED
DR. WINCHELL McK. CRAIG (Honorary). . . . . Rochester, Minnesota	. 2/12/60. . . . .	1942
DR. OLAN R. HYNDMAN (Senior). . . . . Iowa City, Iowa	. 6/23/66. . . . .	1942
SIR GEOFFREY JEFFERSON (Honorary). . . . . Manchester, England	. 3/22/61. . . . .	1951
DR. DONALD D. MATSON (Active) . . . . . Boston, Massachusetts	. 5/10/69. . . . .	1950
DR. KENNETH G. McKENZIE (Honorary) . . . . . Toronto, Ontario, Canada	. 2/11/64. . . . .	1960
DR. JAMES M. MEREDITY (Honorary) . . . . . Richmond, Virginia	. 12/19/62. . . . .	1946
DR. W. JASON MIXTER (Honorary) . . . . . Woods Hole, Massachusetts	. 3/16/58. . . . .	1951
DR. RUPERT B. RANEY (Active). . . . . Los Angeles, California	. 11/28/59. . . . .	1939
DR. O. WILLIAM STEWART (Corresponding) . . . . . Montreal, Quebec, Canada	. . . . .	1948
DR. GLEN SPURLING (Honorary). . . . . La Jolla, California	. 2/7/68. . . . .	1942