

THE AMERICAN ACADEMY
OF NEUROLOGICAL SURGERY



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THE NEUROSURGEON AWARD

1976

Robert Pudenz is this years recipient of the Neurosurgeon Award. His career in neurosurgery; first in Montreal, then at Bethesda, and for the past thirty years in Pasadena, has been marked by numerous research advances, the benefits of which have had an impact on patients around the world. More important, perhaps, has been his role as physician, friend and teacher to his colleagues, residents and numerous patients. It is a rare patient indeed, who does not think of Bob as a personal friend and champion.

He has served the Academy for two terms as president and has been active in numerous other professional and civic organizations.

In recognition of his many achievements, it is indeed a pleasure to present him with this award.

* * *

THE NEUROSURGEON AWARD WINNERS

Edwin B. Boldrey	1955
Georgia and John Green.....	1956
Dean Echols	1957
Arthur R. Elvidge	1958
John Raaf	1959
Rupert B. Raney	1960
R. Glen Spurling	1961
Hannibal Hamlin	1962
Frank H. Mayfield	1963
Francis Murphey	1964
The Ladies	1965
David L. Reeves	1966
Eben Alexander	1967
Donald D. Matson	1968
Henry Schwartz	1969
Guy L. Odom	1970
William F. Meacham	1971
Richard L. DeSaussure, Jr. ..	1972
James G. Galbraith	1973
Lyle A. French	1974
Charles G. Drake	1975
Robert Pudenz	1976

OFFICERS

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MEMBERS



Eben and Betty
ALEXANDER



We have had a gratifying year here, particularly since Mike McWhorter has joined Courtland Davis, Dave Kelly and myself. We have been extraordinarily busy and had the most effective, enthusiastic and competent house staff we have ever had.

We are experimenting with the nurse practitioner type of program. We have an RN, who is trained to help the physicians and house staff in the hospital, but not in the operating room or office nor is she to be part of the process of work-up of patients. It seems to be working extremely well and is improving the effectiveness of our residents in taking some of the inexorable work off their shoulders.

It is a truism that when one adds any new feature, such as intracranial pressure monitoring, chemotherapy for tumors or any other of the new measures, it simply adds additional work for all of us, particularly the house staff. A person such as we have here could greatly help with this. In September, we are hoping to start a pilot training program for about five or six young ladies for use perhaps at other centers. If any of the members of the Academy have an interest in such a program or want to have people trained for their own programs, we might be able to work this out effectively.

ALEXANDER

I have had a most instructive year as the neurosurgical representative on the Interspecialty Advisory Board of the AMA and as alternate representative on the Council of Medical Specialty Societies with Lyman Maass. In addition to this, being Vice President of the American College of Surgeons has put me into the select company of the Board of Regents of the College of Surgeons and this has been a most educational and interesting experience. One can't help but feel that the AMA has made effective measures towards introducing its own national health insurance plans so that it can be an effective speaker in this arena. I think such organizations as the American College of Surgeons and our own neurosurgical organizations must now look at this plan, seek to modify it in ways in which it will be more effective and more acceptable to the Congress and support the AMA in this most important project. One has only to look at the British experience in which the surgeons and practitioners were sharply divided and in which the National Health Service sought further to divide these groups and to bring about a program which has been far from successful. I hope we, in America, can avoid this. We can only do it by being united.



Gale and Marion
CLARK



The Navy still has 30 men practicing neurosurgery. The residency program at Bethesda is getting along well according to Cal Early; but the administration of the military medical school program is like a Gilbert and Sullivan operetta. I feel like a voice in the wilderness. I expect to get the print-out of the Navy neurosurgeons and their assignments from BuPers soon and will make up the new yearly roster in a few weeks. This will be the 17th time for me to put this together.

The February meeting held for the Federation of Western Societies of Neurologic Science was a strenuous experience to put together in Mexico this year; but the Camino Real Hotel in Mazatlan was like a Mauna Kea Beach Hotel j.g. The main helpers from Mexico were Javier Verdura from Mexico City and Carlos Garcia Guerra from Chihuahua. There are 13 local organizations federated into this group and neurologists, neuroradiologists, neuropathologists and neurosurgeons all gave papers.

Marion and I will be making our 4th trip to the Mauna Kea Beach Hotel in the fall and although we think it is expensive - it is really nice. We are looking forward to looking at the tropical fish while snorkeling just off the beach there. We hope everyone takes the opportunity to enjoy this easy sport.

Bill and Gwen

COLLINS

This has been an even more unusual year than usual for the Collins'. Our older son was married, I assume making us potential grandparents, none of the children have had any problems we know of, and I had a six-month sabbatical leave.

Although sabbatical is or should be the seventh year, it has been twenty-three years since I started on the academic ladder and this was the first - if my Latin was better, I would name it appropriately. No matter the name or the time, I recommend a leave most highly for it is surprising that one is still capable of working without the pressure of mortality or morbidity, to find interest being aroused by questions that do not need immediate answers to solve a clinical situation, and that the gray matter is quite capable of being trained in another discipline.

It has become apparent over a number of years that I cannot administrate, do clinical work and do significant laboratory work. As many of you know, my major interest has been electrophysiology and in order to do a significant piece of research, I must clear fourteen to sixteen hours if I am to use the micro-electrode techniques I have been working with. This aspect does not seem insurmountable on the surface since I apparently can go to a meeting for a number of days or even disappear on vacation for a number of days, but as Chairman of the Section, it seems impossible not to have something go wrong, and despite very effective blocks by the office staff, not to feel morally required to intervene in the situation.

During this past year, we have worked out a system which is an expansion of attempts in the past to have a member of the laboratory faculty staff have a tutorial relationship with the neurosurgical staff. This relationship is one of keeping the clinical faculty member current on the area of his laboratory interest and to join in the experimental procedures that are being done. It is a difficult relationship because they cannot be technicians or the whole system breaks down and still they are responsible for the technical personnel's performance, the laboratory equipment performance, and to help the clinical faculty member's level of expertise in the areas of experimentation. What I did during this six months was to change from electrophysiology to experimental neuroanatomy with a

COLLINS

study of pituitary tumors by ultramicroscopic and immunohistochemistry techniques, as well as to begin a study of special stains, such as Golgi and Cajal, and light microscopy of the dorsal root entry zone with ultramicroscopic and immunochemical studies of the dorsal root entry zone. The amount I accomplished was considerably less than I thought I would but another aspect of the sabbatical was a learning experience as to how much was required to get experimental work done. At least, at this time I can now take a day and do an experiment so that material for six or eight months' work either in light or electronmicroscopy is available to be done in short periods of time. I am hoping under these circumstances to accomplish a little more in basic areas of the nervous system.

Gwen and I continue to enjoy our new home on the shore and are slowly falling into the trap that everyone that lives on the shore has -- to be in part mesmerized by the sea coming in and out and in part to get more and more boating equipment so that we can fish, sail, etc. The only thing that seems to be missing is the time to use it. We also have gotten involved in orchids, a disease which Gwen has caught much more strongly than I but which is intriguing.

We look forward to seeing the members at this year's meeting and still extend an invitation to any and all to join us when they come by water or land, close to Sachem's Head in Guilford.

Courtland and Marilyn

DAVIS

The last year has provided its usual interesting mix of professional, administrative, and committee activities. On the professional side, the highlight is the addition of Dr. J.M. McWhorter to our senior staff; Mike brings an expertise in microvascular techniques to our group and has already organized laboratory and clinical programs which add tremendously to our residency and post-graduate training capabilities.

Under Dave Kelly's leadership, other aspects of microneurosurgery are well established and we are at least knee deep in videotapes of interesting operative procedures. We continue to be blessed with sufficient clinical material for our professional and training objectives and continue to be fortunate in appointment of outstanding young physicians in our residency training program. During this last year, we once again have had some involvement in teaching undergraduate medical students. This is still limited, as it will remain, but at least allows each medical student to see some acute and follow-up cases and for us to get to know these students as individuals. Obviously, there is no opportunity for any in-depth instruction on this third year basis but a significant number of students are applying for acting internships or elective rotations on our clinical service; we regard this as a real step forward.

DAVIS

Eben Alexander and I continue to be rather heavily involved administratively with the medical school and hospital; this sort of thing seems to grow. I have recently been blessed with the chairmanship of the delegation section for utilization review and retrospective medical audit for our area PSRO as well as heading up the subsection on retrospective medical review. I enjoy the same mixed feelings about this task as does everyone else but do feel an obligation to be involved and to do everything that I can to make the system reasonable. I feel that the alternative is frightening.

On the national front, I was honored to serve as President for the Southern Neurosurgical Society and turned this post over to George Ehni in February. We will be host to that meeting in Winston-Salem in May, 1978. The other principal involvements have been with George Tindall's committee on Manpower. These seem to be the popular forefronts of neurological surgery today and undoubtedly deserve thoughtful input from all of us.

On the personal front, we added another daughter to the family in November when Rick and Sally were married and Cameron's graduation from UNC removed another from the payroll, at least temporarily. Our last child, Lyn, entered college in the fall leaving Marilyn and me with the "empty nest" syndrome...it's delightful.

Richard and Phyllis

DeSAUSSURE

The Semmes-Murphey Clinic continues to grow. Not too long ago we added two additional neurologists to the staff and have recently installed a CAT scanner in the office. This was done after consultation with Blue Cross-Blue Shield, the Administration of the Baptist Memorial Hospital, and the Department of Radiology. We had found that one CAT scanner in the Baptist Memorial Hospital simply wasn't enough to keep up with the volume of work. We have found this instrument extremely useful in the management of intracerebral hematomas and actually picked up two intracerebral hematomas which were unsuspected in view of the fact that both of them had negative lumbar punctures, no stiffness of their neck and symptoms were more suggestive of a cerebral thrombosis.

In addition to work within the medical field, there still appears to be a number of outside activities which involve my interest. I was recently elected President of the Memphis Chapter of the English Speaking Union. (Someone expressed surprise saying they didn't understand why an individual of French-Huguenot descent was President of the English Speaking Union.) I find this an interesting change of pace and have been fortunate enough to secure several outstanding speakers to address the group.

DeSAUSSURE

The physicians of Tennessee have formed their own medical malpractice insurance company and once a month I take part in their deliberations. All potential malpractice cases are brought before this body for study and evaluation. We hope that this will reduce our malpractice premiums. So far the company seems to be on a firm footing and there is actually hope that we may be able to reduce our premiums within the next few years. The cases vary from most distressing to ridiculous. For example, one individual claimed his two front teeth were knocked out when a nurses' aid tried to take his temperature with a glass thermometer.

Another of my interests is the Mid-South Foundation for Medical Care, the local PSRO. I accepted this challenge with the thought that someone else would soon take over the duties, but on the contrary, I seem to be becoming more and more involved in this. I certainly do not believe that the Government is going to save much, if any, money as a result of all this activity, but if it has to be done, and apparently it does, then I feel that the doctors should take a part in it and try to exert what influence they can.

Our son recently graduated from Notre Dame with a degree in Engineering and is currently at work building a paper mill in Monroeville, Alabama, population 4,000. (Incidentally, he is not too far from Panama City, Florida and is able to spend the weekends at a condominium which we recently purchased at Bay Point.) He has been accepted to law school, however, and has elected to enter the Fall class.

Phyllis and I are looking forward to the trip to Hawaii in anticipation of a good meeting and visit with the members of the Academy. Hawaii has always been one of our favorite locations and we do envy John and Katy and we feel sure that under their direction this will be an outstanding social affair.

Pete and Frances

DONAGHY



The past year has been the first full year of lessened responsibility since the chairmanship passed into the capable hands of Lester Wallman. It is a great comfort to an old chairman to realize that neurosurgical affairs are being administered by someone so dependable. The first month or so one experiences a sense of relief and then comes a period of conflict when one is torn between a desire to drop all professional commitments and truly retire or to become more active in the broad scale of things attempting to right wrongs, to balance inequities, to batter political expediency and self interest which spills over into medicine abundantly from all of life around us. Some days one senses the vigor of youth and the drive necessary for such a role and the next one knows it is unrealistic and recalls the same symptoms in one's own instructors and past chiefs, symptoms which we then attributed to early senility.

Beside the clinical load our year has been taken by increasing teaching responsibility and lecture series both within and without neurosurgery. Thus visiting professor-ships have been filled in Europe, and South America as well as in our own country and we have had the pleasure and profit of a series of visiting professors to our own institution plus the honor of a visit from the Wallace Hambys on their Burlington trip. We, like many other institutions, shall remember that pleasant contact with one of the great names in neurosurgery.

Our present fervent wish is to be allowed more time in the coming year for unfinished research projects.



Charles and Ruth

DRAKE



The family continues to thrive. Jonathon is nearly a year old; he has been on his feet for about a month. To our horror, he was seen in the Emergency Department after falling down a flight of stairs to a concrete sidewalk but fortunately with only a skinned nose.

His parents, John and Marybeth have just purchased a house, no mean accomplishment for a young lawyer in this day with prices where they are. He was lucky to find a real bargain, a delightful small old house that is to be preserved as a "Heritage" home, it being over 100 years old.

Jim has completed his third year of Medicine in Dublin and is spending the summer here at the University Hospital in a clerkship in medicine. Jane, his bride of nine months is back working in the Department of History at the University and may start a graduate degree in Dublin next year.

Stephen, 22, has finished his third year in Economics at Trinity College, University of Toronto, and Tom will be entering his third year of Engineering at the same University.

I am very pleased that the N.I.H. has agreed to support a randomized study of Extracranial-Intracranial ByPass which will be headquartered here under Henry Barnett and Skip Peerless. They are fully aware of the enormous responsibility they have taken on and I know will do the best job possible in striving for an answer.

DRAKE

The Chairman's job in the Department of Surgery is reasonable but I remain frustrated in attempts to enlarge the surgical content in the new curriculum. It is a constant fight against the year Committees and the Academic Policy Committee, although I am aware of similar problems in most other medical schools who are in the convulsions of "new" curriculums.

Ruth is happy to have all the boys home for the summer. The refrigerator is stuffed even more. She works part-time as a communications clerk at the hospital which helps during the winter months when we are alone. She is still a tennis buff.

In addition to the jobs given to me this year which you know about, the A.A.N.S. and the W.F.N.S., the Royal College of Surgeons in England appointed me as the Sims Travelling Professor for 1979. My job will be to spend two or three months travelling in Australia and New Zealand and probably to a lesser extent in India, Malaysia and Britain. A condition of the Sims is that the wife goes along and Ruth and I are very much looking forward to the spring of 1979 "Down Under."



Steward and Ellen
DUNSKER



For those of you whom I have not met, I am a Cincinnati and am fortunate to be associated with Frank Mayfield, John Tew and other neurosurgeons. It is an honor to be in the Academy and I thank you for electing me.

Dr. Mayfield continues to be busy and I am indebted to him for the wisdom he has shared with me. It is no surprise that his counsel continues to be sought by many throughout the community. He has tried to decrease his clinical load but droves of patients are still referred to him by many physicians throughout the state.

I must state my gratitude to Henry Schwartz and Sidney Goldring, my former professor, who spent innumerable hours drumming some knowledge into me. I did not appreciate the full magnitude of their efforts until I started doing more teaching.

With much help and encouragement from the Ohio State Neurosurgical Society, the physicians of Ohio were successful in forming a state society owned malpractice insurance company, and I was elected to the board of directors of the new company. I can only say that serving in such a capacity, which is far removed from my chosen profession of neurosurgery, has been an educational and challenging experience beyond my wildest dreams. We are pleased that the number of subscribers has been increasing continually, but it is too early to know if the astronomical premiums will be decreased.

DUNSKER

This past year I was fortunate to be appointed to the Neuro-surgical Section Council of the A.M.A., which is guided most effectively by Ernie Mack. I had had no idea how busy the section council was, plowing through the numerous resolutions and deciding what is most favorable to the interests of neurosurgery.

Ellen has been busy this past year with her usual charitable endeavors. In addition she became interested in the socio-economic problems affecting medicine. Using her library training she started a filing system that allows easy retrieval of many statistical items which are helpful in countering false and inaccurate statements that are often published by the news media.

It will be a pleasure to sit down and relax in Hawaii. We are looking forward to seeing all of you again.



George and Lari

EHNI

Since the November meeting in Charleston, Lari and I made pre-Christmas trips to Owatonna, Minnesota to visit her father and brothers, Evanston, Illinois to visit our son who was in his first year of surgery at the Evanston Hospital and to meet his fiance and her parents. We barely made it back to Houston for Christmas and the New Year at home. In March we were at Innisbrook near Tarpon Springs for the Southern Neurological Society meeting where I became president and then the next month we went to Toronto for the A.A.N.S. meeting. Following that we went to Utrecht for the International Society for the Study of the Lumbar Spine meeting and spent six extra days in Brussels before returning home. In May I presided at The Neurosurgical Society of America meeting at the Broadmoor and then in June attended the Section Council of Neurosurgery meetings of the AMA in San Francisco.

Currently we are enjoying having Kikki Verbiest of Utrecht as a house guest and showing her the wonders of Houston and Texas. In August I will be going to the Executive Committee Meeting of the Neurosurgical Society of America and then a week or two later Lari and I will be going to the Neurosurgical Travel Club Meeting to be hosted by Collie McCarty and Lyle French. Sometime in October we are having the Executive Committee Meeting of the Southern Neurosurgical Society in New Orleans where my son Bruce is now a first year resident with David Kline.

EHNI

Right after the Academy meeting in Hawaii we will be going up to Evanston for the wedding of my son Bruce and Mary Rita Garrity the day after Thanksgiving. Bruce met Mary Rita in the Evanston Hospital where she works as a volunteer while he was on Ivan Ciric's service.

My youngest daughter Melanie just graduated from Rice and is spending the next year in the University of Texas School of Public Health before entering medical school. Our youngest son Scott just graduated from high school and will be going to Concordia College in Austin. Our two oldest children live in Dallas with their families and Nikki lives in her own apartment near The Museum of Fine Arts where she works. Brian is still in the Army at Ft. Polk after spending some time recently in Panama.

The enclosed photograph shows from left to right, Jeanette Ehni (George's wife), Scott, me, Nikki, Tracy Goodwin (Margo's child), George Jr., Grady (Margo's), Margo, Bill Goodwin my son-in-law and Lari. The picture was taken last Thanksgiving, I believe.



Joseph and Hermene
EVANS



We came back up from Colombia after nearly five years in Medellin, arriving just before the delightful meeting of the Academy in Charleston. It was a real treat for both Hermene and me to see so many old friends on that occasion and new ones also.

Our return was based on my request to work out of the Chicago office of the College for it was clear that if the Latin American programs the College is footing were to achieve their maximum effect, and impact at the Chicago base was essential. As it is, there is too little time left to accomplish all I wish before a successor takes over at the end of 1978. That individual has not been chosen at this writing ... any takers for what I have regarded as a unique and very gratifying assignment?

Happily, all our scattered crew are fine, busily and happily engaged in their various pursuits. Tom, the youngest, is now 31 so you can see we are pretty well over the hill. We appear to be stuck with 22 grandchildren.

We shall not be getting to Hawaii, much as we should like to make the trip. Fall travel, if any, will be to Europe for the meetings there and a visit with our oldest daughter Mary, in Geneva.

Spring travel state-side, saw us to Florida where we had a delightful overnight with Margaret and Harry Botterell, following the March 1977 meeting of the Colombian Chapter of the College.



Bob and Connie
FISHER

Our days are very full...the Medical School at Rutgers, despite all of its obstacles is beginning to shape up. Five community hospitals are banded together to push the medical education efforts. Various residencies are starting and we have some programs that are innovative.

I am impressed with the difficulty in recruiting American students for surgical specialties...Family Practice, Medicine and Pediatrics have become very aggressive and we need to muster a vigorous campaign to recruit the good students into Surgery. The problem of FMG's has been a most serious one in New Jersey. Recent legislation suggests this may be corrected. Time will tell us whether the efforts of many hard trying people will be rewarded.

We have now adopted a family of raccoons. They come each evening out of the woods for their feed of dog food. One -- feeding several pups -- has a ravenous appetite, and starts coming to sit on our porch about 2:00 p.m. quite contrary to their nocturnal habits. She today fed from Connie's hands. We are amazed at their habits, intelligence and ability to survive as well as they do. The other night two deer were about 200 yards from our home, near an apple tree. This whole setting goes back to the range I used to roam when I was a kid. The dogwood was magnificent this year.

Our family is thriving, both old and young. Connie's mother 93, my folks 86. Our kids are well. Bob, our youngest, is hoping to transfer to UCLA, Carol will have her third child in August, Dave doing well at work.



Richard
FRASER

It is with distinct pleasure that I provide my first contribution to the Neurosurgeon. This year a busy one on the Cornell-New York Hospital neurosurgical service -- has proved even busier more recently with the retirement last month of Howard Dunbar. Dr. Ray retired a year ago, leaving Russel Patterson and I as the "survivors". I have learned by example from Russel that (somehow) the cases all get done. In addition our cerebrovascular research is proceeding, aided by excellent support from Dr. Sano's residents who have been rotating on our service for two year intervals (one clinical and one research year). We have completed a study of middle cerebral artery occlusion in monkeys and have found that hypertension is of significant benefit, but only for a short duration. We are now carrying out a global ischemia project utilizing baboons and are attempting to compare ischemia with anoxia--and the cerebral tolerance of each. This study is being done in collaboration with Fred Plum and Jim Brierley, a neuropathologist at the MRC laboratories in England.

I have just returned from the CBF meetings in Copenhagen, by way of Norway, Sweden, England and Bermuda. My daughters Cynthia (11) and Heather (9) accompanied me...their first international experience. Norwegian friends provided us with an exciting sail down the Oslo Fjord in a '74 Ketch. A sunken WW II German destroyer, identified by a small but still persistent oil leak, mutely reminded us of the activities there 35 years ago.



John and Dorothy

FRENCH

I have found my first postdoctoral year so challenging that I have been completely unable to improve my sagging golf game. (I absolutely reject the suggestion that advancing age has anything to do with it!) Looking back, my time has been occupied: in developing a public information ("translation", seeking gifts); writing a history of the BRI and its times together with Ted Magoun and Don Lindsley; participating in the Neuroscience Ph.D. Program; and keeping a finger in a variety of other programs, like the Neuroscience Laboratory in Kotor Yugoslavia.

Being relieved of heavy administrative responsibilities made it a pleasure to become involved with other things. The first activity listed above is the most time consuming and probably the most important. Support for science nationally is distinctly in the doldrums and large organizations such as the Brain Research Institute are having to turn to the public for support. Efforts so far can be described as "developmental" although our initial public contacts have been more than gratifying.

Dorothy is busier than she has ever been. Her two most consuming activities are painting and golf. The former is developing remarkably well being extended to include seascapes and landscapes in addition to the still life painting of the earlier period. Her golf is also improving and doubtless her handicap will be in the "teens" before long. In addition, she has a contract to write her autobiography which she is approaching timidly but with determination; the problem is to find time for it.

FRENCH

Our activities have been severely perturbed by a move out of our Brentwood house into an apartment in Santa Monica. As chance would have it, the apartment was not ready by the time the escrow closed so we had to move into an intermediate apartment until September 1st. This had been a dreadful chore but we are surviving it satisfactorily by thinking of the marvelous freedom we shall have with only an apartment in town and the Pauma Valley house to worry about.

Dorothy joins me in sending warmest regards to all members of the Academy and their wives.

Dorothy receives Italy's highest cultural award, Rank of Commander in the Order of Merit, in recognition of her contributions to cultural relations between the United States and Italy. The Honorable Alesandro Cortesse de Bosir officiated.



Lyle and Gene

FRENCH

This last year has been a very busy one for us. This has been especially true because it was a legislative year. Our legislative requests are developed in considerable detail and it is my job to make the presentations to both chambers of our legislature as well as to the Governor's office which is really very time consuming. The additional factor this year was that we were trying to obtain money to build a new \$23 million building for Pharmacy and Nursing, for which we tried last year but unsuccessfully. Fortunately, we were successful this year and came out of the entire legislative session with flying colors, relative to both general faculty support and buildings. This should be our last really difficult session because we have now completed our building program, at least until we replace our University Hospital, which will probably be several years down the line and it will probably be up to someone else to get that accomplished. I should be able to get back doing more neurosurgery. I've been able to take my turn in clinic consistently one day a week, but have been a bit more irregular in operating. Getting back to the O.R. on a more routine basis will be good.

But all hasn't been work, we have had a great deal of play. We have been out to our shack in Pauma Valley, California, played some golf and generally enjoyed ourselves doing nothing.

FRENCH

We are looking forward to the meeting this fall. I am certain it will fulfill our expectations of continuing the Academy's traditions of scientific excellence in a beautiful and interesting setting.

There really has been nothing new as far as our family is concerned. All of our children seem to be doing very well. They are all going their own ways and appear to be happy.



John and Barbara
GARNER



It has been a very busy and interesting year for us here in Pasadena. The greatest change for me has been the retirement of Bob Pudenz, and loss of daily contact with Hunter Sheldon. Both Bob and Hunter, of course, continue to pursue further facets of Neurosurgery, but their presence is frequently missed by me.

We are continuing the process of smoothing out the integration of our residency program with that of the University of Southern California, with excellent working relations between the two Centers.

Barbara has been busy with her own, the childrens', and I'm afraid some of my, projects. Somehow she manages to get them all done, and still have time to play a little tennis.

I greatly enjoyed the opportunity of bringing back a sailboat along the West Coast of Mexico from Manzanillo. Since I was a hired hand, and received wages, it was a novel experience.

The children are all now in High School and doing very well. We are enjoying a slight lull before the hectic times of college application.

Barbara and I look forward to seeing you at Mauna Kea.

JAIME G. GOMEZ

I am sorry I did not attend the Charleston meeting as the notice did not arrive in time. I would like to take this opportunity to announce the installation of the first CT/N Scanner in South America, here at the Neurological Institute of Colombia. This is a non-profit foundation I started in 1966 for diagnosis, treatment, teaching and research on the nervous system. We are now in our fourth year of operations and have training programs in Medical and Surgical Neurology, as well as Neurological Nursing.

Our staff was for the most part trained in the United States and our first group of nurses was trained by our "old brother", the Montreal Neurological Institute. We have highly sophisticated equipment for diagnosis and treatment.

Our post-graduate education is sponsored by Javeriana University Medical School, but academical affiliations with other medical schools of neighboring countries also exist. Research programs have been initiated with an epidemiological study of the Prevalence of Epilepsy in Bogota. Subjects of special interest are Immunotherapy of Brain Tumors as a complementary tool for surgery and treatment of intracranial vascular lesions.

Our endeavors pursue excellence in this part of the Americas and service to the community. We hope the future will bring success to our programs and health to our patients.



Phil and Silvia

GORDY

Once again I am faced with the necessity for summarizing the family activities of the past year for The Neurosurgeon. It is made doubly difficult this time since I have skipped the 1976 issue. However, despite my procrastinating habits I do feel that I have a reasonably good excuse this time. In April of 1976 I had a coronary bypass procedure performed at St. Luke's Hospital in Denver. Fortunately this procedure was done prior to my actually having a coronary occlusive episode though I am told the race was rather close! My good friend and personal internist in Casper, Dr. Jerry Youmans and Dr. Fred Schoonmaker and Dr. Gerald Rainer of Denver collaborated on the cardiac catheterization and surgical procedure. All went well and by June of 1976 I was back in full swing. I must confess I was a bit "tottery" at first. However, since that time I have really done extremely well and at this point I do a double take when friends ask me how I am feeling since I have practically forgotten that the problem had occurred. I still find keeping my weight down and getting sufficient exercise a bit of a chore.

Our service here in Casper is becoming constantly busier. We have a varied group of cases and I was fortunate recently in having one of my former residents, Dr. Al Metz, join me. Al has been with me now exactly one year and this has made a tremendous difference. He is an excellent person both personally and professionally and has added immensely to our service. He has a very attractive wife, Kathy, and two charming children.

GORDY

Silvia and I continue to indulge our interest in Indian artifacts and rock hounding. On our recent June vacation we took a circle trip in Wyoming looking for Indian arrowheads and one occasion digging in a "buffalo jump". To those of you who are not "instant experts" as we have become on western and specifically Indian lore, these are the areas where the Indians used to drive the buffalo over a cliff so that they would be either killed or maimed at the bottom of the jump and were then easily slaughtered for their meat and hides. Silvia has developed a new hobby of bottle collecting and already has a number of excellent specimens which are recorded in the various books on this avocation.

We have benefited from further generosity of Mr. Joe Patterson on the neurosurgical service of the Casper hospital. In my last communication I mentioned that he had kindly provided funds for an image amplifier and this year we have been fortunate in obtaining our own microscope so that we no longer have to share the equipment with other services. This of course is a tremendous advantage. The new microscope is also equipped with television for nurse and technician orientation as well as teaching. In conjunction with our medical neurologist, Dr. Malvin Cole, we have a full neurology-neurosurgery floor on which biweekly teaching rounds are held.

The development of a medical school is underway in Wyoming. The first step was the formation of a Family Practice Residency which at the present time is centered at the Natrona County Hospital in Casper. A dean has been appointed and plans are afoot and moving rapidly for the actual implementation of these plans. The first two years will be carried out at the University of Wyoming in Laramie and the last two clinical years will be apportioned out among the various community hospitals in the State of Wyoming. The plan is modeled on that from the Michigan State University Medical School in Lansing, Michigan.

My visits to Dr. Wolff Kirsch's service in Denver have been somewhat curtailed this year because of the cardiac surgery and the need for gearing up the practice once I had recovered sufficiently. However, I do plan to be in attendance much more regularly in Denver.

GORDY

One additional item of importance from the professional side is that my colleague from Jefferson in Philadelphia, Dr. Harold Vogel, has also left Jefferson and has assumed the position of Director of Neurosurgery at Denver General Hospital under Dr. Wolff Kirsch. I am very pleased to have Harold once again in close proximity.

Once again returning to the family side, my son Michael and his fiance Lucy are planning to be married in November in Tucson, Arizona where Michael is working as a cabinet maker and also attending the University of Arizona part time to complete his college credits.

One last and very important comment is to point out how valuable Silvia's work in the business side of the practice has been. Though she disclaims her expertise in the field of accounting and finds it rather far from the more interesting creative things which she would like to find time to do, nevertheless, her expertise is on a professional level and has kept her rather unbusinesslike husband solvent. I am hoping that before too long a time passes, that we can make some other arrangements so that she can indulge her interests in history, artifact hunting and painting.

We are all looking forward to seeing you all again at the forthcoming meeting.



John and Georgia

GREEN

Georgia and I appreciated the efforts of the Perots in making the 1976 meeting of the Academy in Charleston the great success that it was. We then drove with Fern and Kemp Clark, Bobbie and Ernie Mack, and Betty and Frank Wrenn through the beautiful South Carolina country to Greenville where we spent a few days relaxing. Charlie Drake flew his plane from Charleston to Greenville and joined us in Frank's hospital for a continuing education seminar for the medical staff. The Wrenn's entertained us with true southern hospitality. We played golf at the Greenville Country Club in spite of the snow earlier that day--a beautiful layout.

Hunter Shelden visited us in December, was a great hit with our neurosurgical staff and residents and also participated with me in the annual Sidewinder Golf Tournament at the Phoenix Country Club. Bruce Hendrick, Bob McLaurin and John Shillito visited us in January and were very successful as faculty members of the annual Barrow Neurological Institute Symposium, the subject was Pediatric Neurology and Neurosurgery. Eldon Foltz discussed hydrocephalus with our staff in February and came over on several other occasions to consult with us on the reorganization of our research staff. I visited the University Club in Chicago in March and participated in the meeting of the Central Neurosurgical Society as the neurosurgical discussant of six problem cases and to present the annual Percival Bailey Oration. My subject was "The Surgery of Epilepsy during Childhood and Adolescence--with comments about 50 patients." I received a silver plate as a memento.

GREEN

With both of my associates in Toronto, I was unable to participate in the AANS meeting this year, but upon their return took off for Sedona, an attractive small town in northern Arizona in the beautiful pine and red rock country, to work on a manuscript for ten days--a chapter on Neurosurgical Aspects of Epilepsy during Childhood and Adolescence for Youman's 2nd Edition of Neurological Surgery. I'm happy that I mailed the completed article on the day before the deadline of August 1.

We have enjoyed having Bob McLaurin with us on several occasions this spring in connection with a very complicated shunt infection problem that was transferred to us from afar. Bobbie and Ernie Mack, Georgia and I had an excellent time at the Sahara-Tahoe Hotel in connection with the Rocky Mountain Neurosurgical Society meeting in June.

The in-training written (Part I) examination of the American Board of Neurological Surgery appears to have been more difficult than previous written examinations, and I'll be interested to know if this reaction is shared by others. In our program four residents took the examination for credit with grades ranging from the 97th percentile for one fourth year man, more than adequate passing grades for a fourth and for a third year man, and under the passing grade for a fifth year man who is an excellent person and neurosurgeon but who rarely does well on written examinations. These matters were discussed at some length at the June meeting of the Society of Neurological Surgeons by Program Directors and representatives of the National Board of Medical Examiners. The responsibilities of providing for the public, particularly in the field of trauma, and also providing academic neurosurgeons to develop new information and neurosurgeons are complex to say the least.

St. Joseph's Hospital and Medical Center of which the Barrow Neurological Institute is a component has been approved by our regional Health Systems Agency to renovate and to expand its facilities. The estimated cost of the project is sixty million dollars. The Executive Committee of the Medical Staff has created a multi-disciplinary Medical Staff Planning Committee of which I was tagged to be Chairman. I accepted this assignment primarily to insure the continuation of the growth of the Barrow Neurological Institute and because of my long-time interest in the Medical Center. The Barrow Neurological Institute organization now includes 16 neurosurgeons (3 hospital-based), 17 neurologists (3 hospital-based), 3 neuroradiologists, 1 neuropathologist, and the research staff. We admit approximately 3,000 patients and perform approximately 1,050 major operations annually. At the present time our Research Endowment Fund which is

GREEN

reserved for salary support is a little over two million dollars and the hospital has challenged the community to match dollar for dollar up to 100,000 dollars annually for research. By this method we added a little over 100,000 dollars in 1976-77. Jim Atkinson has the responsibility of recruiting scientists for our research needs which are still considerable.

We hope that many members of the Academy will join us at Camelback Inn, January 19-21, 1978 for the annual BNI Symposium. The subject will be Complications of Nervous System Injuries. Among those who will be on our faculty will be Bryan Jennett, Frank Mayfield, Donald Becker, Ayub Ommaya, Sydney Sunderland and Earl Walker.

Georgia and I are saving our vacation for Hawaii and look forward to the Academy meeting with great pleasure.



William and Charlotte
HUNT



Charlotte and I are looking forward to the Hawaii meeting. Such events give us a special opportunity to be together.

The service at Ohio State is lean, at present. We are working, as many services are, to find ways of delivering exemplary care, while meeting our teaching obligations and keeping up active research. Our particular clinical interest is the results of the Ohio State aneurysm study which began in 1954 and has been handled in a fairly homogeneous manner for 23 years now. Some interesting facts are emerging as we get help from the computer. David Hunt, who just got his M.D. and moved to New York, has been a major resource in pulling more information out of this series, with the strong assistance and direction of Carole Miller.

Eldest son (W.W.H.) has just finished his first year in law school at the University of Texas in Austin. I'm sure he will be one of the good guys when he gets out. Young Ginny and her husband have moved from Santa Fe back to a beautiful farm in southeastern Ohio, which they are pulling together with great expenditure and effort.

Joseph H. Goodman has joined the faculty at Ohio State and is a superb addition to the team.

I am reluctant to make any comments on our prediction regarding the state of the world. Things are changing so rapidly that intellectual and emotional agility seem to be the most important attributes of an academic surgeon.



Wolff and Marie

KIRSCH

Time must be shrinking. It only seems like the other day that a description of the activities of the past year were submitted to the Neurosurgeon and now another installment is due. Putting the most important things first, the children are continuing to thrive and the family has never been happier. We continue to have three in college, Marie-Claire, who managed to make A's in advanced history and language courses; Stanley who is now focusing on a career in chemistry and engineering; and Danny who seems to be determined to be the accountant for the National Football League. Daniel, by the way, managed to accrue a tremendous cash reserve while working as an usher (number 44) for the Professional Denver Football, Basketball and Hockey teams. In addition, he was even able to attend all of the Rock concerts as an usher, thus combining both business and pleasure. Our youngest son, Jonathon is focusing on a career in neurosurgery even at his early age. His sister, Claudia, managed to take a top prize in the Regional Colorado State Science Fair.

Perhaps the high point of the past year (or any year for that matter), was spending three weeks at the Rockefeller University in the Laboratory of Biochemical Genetics. This is the laboratory made famous by Dr. Ed Tatum who received the Nobel Prize in 1975. Dr. Tatum's associate, Dr. Elaine Diacumakos, has developed a technique for microsurgery on single cells which is absolutely mind boggling. We spent a micro-sabbatical at the Rockefeller learning and it was a most delightful micro-surgical experience. Marie-Claire, Daniel and I were situated in a very beautiful suite at the Abigail Aldrige Rockefeller Hall. This is a place where the impressionist paintings hanging on the wall

KIRSCH

are real impressionist paintings. This ultraswank hospice is used by the Rockefellers when they attend the board meetings at their own university. The laboratory is situated in the shadow of the Cornell-New York University Hospital complex and we took the opportunity of visiting academicians who were in town during our visit to include Ransohoff, Patterson, and Hunt. Lennie Malis was away at the time of our visit.

We are now busy setting up a microsurgery unit in our neuro-surgical laboratory in order to investigate the biological function of certain very interesting proteins, e.g. "T" or tumor antigen which may control cell transformation to the malignant state. This has been a most exciting adventure and we will hopefully be presenting movies at future Academy meetings regarding this endeavor. All and all, this time at the bench was one of the more delightful experiences of our lives. We had time in New York for the theatre, restaurants, major league baseball, and shopping at Bloomingdales.

With commitments to patients, residents, students and two NCI Committees - to include the Cancer Control Group and the Program Project Clinical Cancer Center Committee, life has been busy. In fact, a meeting of the latter committee forces me to be in Hawaii rather than Washington. Looking forward to seeing you soon.

Wolff and Marie Kirsch at the Rockefeller University.



Kristian and Brit
KRISTIANSEN



Thank you for the reminder of a letter to the Neurosurgeon. Brit and I have just returned home from a 17 day visit to Brazil including the 6th International Congress of Neurosurgery in Sao Paulo. Our first visit to South America was a great experience with interesting sightseeing in Salvador, Brasilia and Rio de Janeiro, delightful excursions to beautiful islands and beaches, and contact with Brazilian folk-lore, art and music. The scientific program and the social events of the congress which took place at the imposing Anhembi Park Convention Hall, were well organized by Dr. de Mattos Pimenta and Dr. Mangabeira with their executive and ladies' committees. The distance between our hotels and the congress hall required a lot of bus riding... giving an excellent opportunity to meet and to talk with old friends, among them also several Academy members.

On June 1 I retired from my position at Ullevål Hospital and the University of Oslo, but the coming year seems to become as busy as ever - with the main activity as a consultant to the Hospital Counsellor of Oslo City, thus looking at hospital work from a new and different angle. However, first a few weeks holiday at the seashore cottage where we also will see some of the children and grandchildren. They are all well.

Lew and Carmen

LLEWELLYN

My first breeding of Russian Wolf Hounds produced ten beautiful puppies and Carmen was so delighted she immediately "got on the nest" herself.

Accompanying photo depicts the father of the puppies and Carmen's progress to July 1. Assuming all goes well, our expected offspring at 2 months of age will attend her (?) first Academy meeting in Hawaii come November. Unhappily, the hounds will have to remain behind.



John and Katy

LOWREY



Katy and I are looking forward to welcoming you to the Mauna Kea Beach Hotel November 2 60 5. It is a unique spot and we think you will all enjoy it.

At our hospital we are having problems trying to get approval to purchase a CAT scanner, because the executive director of Comprehensive Health Planning has seen fit to turn us down even though his own Advisory Council voted overwhelmingly in our favor. We have not given up but it has taken an enormous amount of physicians and administrators' time to make the multiple presentations to various advisory committees, community councils and the State Review Council.

Having served as chief of staff of our hospital since its opening in February 1973, I am happy to be relieved of that interesting but time-consuming job. We already need more monitored beds than we built. Next month Straub opens its first satellite to serve a new densely populated area across town.

Katy and our sons are fine. We have plenty to do on our monthly trips to Hawaii because a fire destroyed the forest around our home where we some day hope to retire. At the moment the dust makes living there almost impossible and less than an inch of rain in the past 12 months does not encourage new vegetation to grow.

Tony and Willem

LUDYENDIJK

During the last year my department in the Leiden University Hospital was renovated and we all are content with it now, although the tremendous noise of hammering is still lingering in our ears.

At home, our kids are doing well. The eldest son is working hard in surgery in Paramaribo (Surinam) and will be trained in Holland afterwards. Apart from all this, his wife has given birth to two fine boys.

Our second son has almost finished his study in literature in Amsterdam Free University and my daughter is doing well now in studying arts.

The two other sons are still indecisive regarding a profession in the future, but the youngest one is very interested in chemistry ... almost blowing the roof off the house with his explosive experiments.

As a final remark, I got a telephone call from Tony, my wife, when I was in Santiago, and she told me that she has got the chair of History of Medicine in the Leiden University. On April 21, she will give her official inaugural address, and we shall celebrate this event festively.



Steve and Jane

MAHALEY

Undoubtedly the most significant event in the Mahaleys' life this year was the decision to accept the appointment to the faculty of the University of North Carolina. Clinical, teaching, and research activities are now in full swing at UNC, with daily evidence of exciting growth and development of our programs there.

This summer, Jane will be working as a part-time "consultant" in the neurosurgery lab and the Mahaley children are lining up jobs and other activities, including a trek to Mt. Le Conte (16 mi. round trip!).

The accompanying picture shows Jane on the mountain this past year, standing next to an unusually tall growth of filmy angelica.

We enjoyed the Academy meeting in Charleston very much, being in one of our favorite cities. We wish each of you a fine year ahead.

William and Alice

MEACHAM

Thus far, it has been a very busy and interesting summer with lots of neurosurgical work, travel and a small amount of loafing. Alice and I attended the International Congress of Neurological Surgery in Sao Paulo, Brazil for a week and enjoyed it immensely. We were surprised at the immense size of the city and were certain that most of the twelve million inhabitants were congregated wherever we walked! A good contingent of Academy members were there and I think all enjoyed the social and scientific aspects of the Congress.

At the conclusion of the meeting, we attended the annual meeting of the International Society for Pediatric Neurosurgery at Guaruja, Brazil, a lovely resort on the beach some sixty miles from Sao Paulo. It was a small, but very nice meeting with very free and informal discussions about our clinical problems.

After this, we went to Brasilia, the capital city, about eighteen years old and where I had been invited to give a talk to the neurosurgical staff. This was a wonderful experience and I must confess it was thrilling to see a brand new city .. no tenements, no substandard housing, no traffic problems, and no crime in this metropolis of one million people. The apartments, private homes, embassies, and government buildings were clean, attractive and arranged in excellent taste. We saw no littering, and more impressive, not a single empty beer can on the premises.

The, on to Rio for three days of pure, unadulterated loafing on the beach at the very nice Inter-Continental Hotel where we found Bob and Rita Pudenz and enjoyed being with them for two days.

Then, back home via Varig Airlines and back to work for the rest of the summer. Our best to all the Academy and we'll see you at the next annual gathering.

Sean and Vivian

MULLAN

The 1976-77 year has treated the Mullans rather kindly, though since Joan (16) acquired her drivers license the same cannot be said for the well being of our 12 year old Volkswagen. John (15) and Brian (14), now both taller than their father, have decided that the family project of back walnut tree growing has reached that thin line of demarkation where hobby ceases and work takes over -- and so at 40 acres it remains. High quality tree growing is an esoteric pastime well suited to the neuro-surgical temperament, involving long stretches of effort, much attention to detail and a super optimism which in this case assumes that the tree grower will still be around when the harvest rainbow touches earth some 40 or 50 years hence. Even Vivian recommends it as a welcome alternative to presiding over the affairs of various women's societies. Not even aristocratic trees talk back.

Last summer Queen's University of Belfast thought fit to award an honorary D.Sc. which gave a very special pleasure. One's alma mater, old school tie, class of whenever-it-was hold a strange something in our lives and it was nice to know they cared. The ceremony, held with the pomp and circumstance which British Universities can do so well, was a specially gala occasion amid the incongruously grim surrounding of Belfast's civil war. My fellow recipient was the local equivalent of Werner Von Brauhn. It was a strangely emotional experience which I had not yet completely sorted out by the time I was asked to give the first Olivecrona lectureship in Stockholm. I chose carotid cavernous fistulae and giant aneurysms. Olivecrona, physically and intellectually active retains a commanding presence. His two juniors Norlen and Leksell have now both handed on their chairs to younger men, Granholm in Stockholm and Lindgren in Gotenborg. With Thulin in Lund and many others this group of Swedish neurosurgeons is truly impressive. Much of it is directly due to Olivecrona's influence, much to the enlightened medical establishment and government of that country. The lectureship is held during Nobel week and the lecturer is guest of Dr. Granholm at the Nobel ceremony and subsequent banquet. Both are impressive occasions and the blending of the student body with the University faculty and the distinguished guests, academic, civic, ambassadorial and Royal at the banquet created a memorable impression of the wholeness and continuity of academic life in Sweden.

MULLAN

Back in Chicago work continues at a satisfactory level. We believe we have the carotid cavernous problem licked without sacrificing the carotid and that the techniques by which this is accomplished will be improved and simplified in the ensuing years. Perhaps the most interesting aspect of our head injury research has been the recognition of a profound decrease in cardiac output accompanied often by an increased peripheral vascular resistance following gunshot injury to the head in the Rhesus -- a sequence of events which occurs in the first hour and which is subject to correction with correspondingly increased survival. Our fracture acceleration injuries are not far enough ahead to speak on with authority but it looks as if the same phenomenon is present. These observations correspond exactly with Nilsson's work (just published) in the accelerated model in the rat. If we were to extrapolate to man, which is very hazardous, we might consider a profound decrease in cardiac output and significant increase in peripheral resistance (? including cerebral vessels) which occurs during the first hour and is self corrected by the time the patient reaches the emergency room but which has produced the ischemic anoxia that is the ultimate cause of death.

In November we celebrate the 50th anniversary of the founding of the University of Chicago Hospitals -- the medical school is earlier. We will include in the celebrations the opening of our new neurological science building. Though only half of what we originally planned, it has taken a monumental amount of planning and fund raising energy -- which has been an interesting educational experience in its own. Getting to know concerned citizens who wish to help rather than criticize doctors has been psychological as well as economically rewarding. We will celebrate the occasion by a symposium on aneurysms, arteriovenous fistulae and carotid cavernous fistulae on November 16 and 17. We have a very distinguished list of speakers from this country and abroad and we hope that any of you who can spare the time will visit us.

By the time we absorb a site visit, attend and organize this and a few more meetings we feel we need a month in Hawaii. We only wish the Academy meeting came later. If it did Chicago would not see us until '78.

With best wishes to all our fellow members.



Blaine and Irene

NASHOLD

In the late summer of 1976, I returned from my sabbatical in Paris and settled back into a neurosurgical practice after a six month period. It is interesting that this is very easily done, as the patients usually arrive the day before you return to the hospital!

Over the past year we have continued to expand our work in the Pain Clinic. This effort has now been enlarged to include development of a Pain Clinic for patients with cancer which I believe are in a special category.

During the past three years I've been involved with the FDA as a consultant for the neuroprosthesis devices division. The decision of the FDA and the device legislation will have an important impact on the way neurosurgeons may apply new devices for use in neurosurgery. This includes devices such as aneurysm clips all the way to the more complex neuro-pacemakers. The division of the FDA which I am associated with has made a very positive effort in working with the neurosurgeons in my view. I believe it is one example where government and the private sector can work together if everybody sits down with a level head. The device legislation is now law, and as neurosurgeons, we must make every effort to understand this.

Irene and I were fortunate to attend the recent International Congress of Neurosurgery in Sao Paulo, Brazil where we had the chance to meet many of our friends from Europe as well as South America. I have the feeling that we have neglected our South American neurosurgeons and that we should form stronger alliances with them.

NASHOLD

The World Stereotactic and Functional Neurosurgical Society held its meeting in conjunction with the International Neurosurgical Meeting. This was well attended and showed evidence that stereotactic neurosurgery is growing at a stronger rate probably outside the United States, I think mainly due to certain constraints, both real and unreal, which U.S. neurosurgeons feel about deep brain stimulation and psychosurgery. After spending four years as Secretary of the World Stereotactic Society, I was fortunate to be elected as the new President. I am sure these duties will be of great interest and excitement.

The younger Nasholds continue their voyage through life. Jim Nashold has finished his first novel (unpublished as yet) and is working on numerous magazine articles with the strong determination to become a writer. Susan is now as assistant on the Intensive Pulmonary Unit at Duke. Ann, our photographer, is living in New York and enjoying every minute of it. We are about to send Sara, our youngest, away to college. Now Irene and I can settle down to some very serious long distance sailing on the Stormy Petrel.

Russel and Julie

PATTERSON

Julie and I have had a good seven months since the last Academy meeting. Julie continues to be involved in the affairs of the Bronx Botanical Gardens, particularly in the Fern division. She also has been made a Trustee of the School Volunteers, a group that teaches English to non-English speaking children in the public schools. For the last several years she has been teaching two mornings a week in a public school in the middle of Harlem.

Our children have been performing satisfactorily. One daughter is at Cornell studying physics. Our oldest son has spent his junior year in high school in Rennes, France as part of a study program from Exeter, and our youngest son continues in elementary school in New York.

One interest that I have had, particularly with Bronson Ray and Howard Dunbar now retired, has been to arrive at the proper level of neurosurgical staffing. How many residents and attending neurosurgeons should we have? A number of neurosurgeons increases the chance that more and better investigative work will be generated, and the intellectual atmosphere receives nourishment. On the other hand, too many people dilute the surgery, which can cause unhappiness and perhaps even degrade the quality of patient care. At the present time we are possibly a bit short of personnel, and I suspect that our numbers will have to increase.

Julie and I look forward with great anticipation to the meeting in Hawaii!



Larry and Angeline

POOL

Despite retirement this old termite has crawled out of the woodwork occasionally during the past year to visit Kemp Clark at Dallas for a few highly stimulating days; to give the 27th annual Charles A. Elsberg lecture, on the history of modern aneurysm surgery, at Rockefeller University, and to participate in two symposiums - one in honor of Dr. H. Houston Merritt at the Neurological Institute of New York, and the other at the Englewood, New Jersey Hospital. Have also attended fine conferences at the Waterbury, Connecticut Hospital not far away, reviewed a book for the Journal of Neurosurgery, written up the Elsberg lecture for possible publication in the new journal NEUROSURGERY in November, and continue helping fund raising for P & S as national co-chairman for this campaign.

The book on IZAAK WALTON AND HIS TURBULENT TIMES which Angeline and I have written continues to sell well, although it is a chore having to mail out copies from the home. (\$12.50 prepaid, in case any more of you anglers are interested.) Am now working on another book, and serve, as does Angeline, on a few local committees up here in the Litchfield Hills.

Highlights of the year include a howling blizzard that knocked out heat and lights for three days, keeping us busy with wood fires to maintain a house temperature of 55 degrees; a fine two weeks cruise along the south coast of Yucatan in February to see Mayan ruins and go snorkeling and plenty of trout fishing, with a projected salmon fishing jaunt to Iceland again with Ernie Mack in August.

POOL

In conclusion, I am deeply impressed with the tremendously rapid progress in intracranial vascular surgery in just the four years since I retired. We both send you all warm regards; and finally invite any fellow members here for trout fishing!

Photo of us shows metal detector - part of our newest venture on iron making in our area.



Bob and Rita

PUDENZ

The past year has brought many changes in Rita and my life style. In October I resigned as Medical Director of the Huntington Institute of Applied Medical Research after almost ten interesting and enjoyable years. We gave up our apartment in Pasadena and made the ranch in Paso Robles our official home. Currently we are spending most of our weekends there, but have a small apartment in Santa Barbara. In anticipation of our move to the ranch we enlarged and remodeled our living quarters and have provided a happy retreat for visits with our children and grandchildren. In Paso Robles we enjoy visits with a large circle of friends from all walks of life who also prefer country living and call themselves "refugees".

A new dimension was added to our lives when I accepted a half-time position as Medical Director of the Heyer-Schulte Corporation in Santa Barbara. The signing of the Federal Device Amendments into law last year by President Ford has created many problems for companies manufacturing medical equipment and, particularly, various types of implants. The FDA considers an implant any device or prosthesis that is left in the body more than four weeks.

We are busily engaged in biomaterials testing as well as the clinical evaluation of our new devices and prostheses. Heyer-Schulte is now a division of the multinational American Hospital Supply Corporation. The head offices are in Evanston, Illinois. We have research facilities in Santa Ana which include a surgical suite, animal quarters and chemistry and physics laboratories. The research staff includes chemists, physicists, toxicologists and a large number of technicians.

PUDENZ

My principal role in the organization concerns clinical investigation. In this role I have been collaborating with neurosurgical colleagues as well as surgeons in the other specialties in discussing new ideas and in the development of devices and prostheses. Many of these adventures are exciting and rewarding.

The research programs in Pasadena have not been abandoned. I am still participating in the studies of the effects of electrical stimulation on the nervous system (an NINCDS contract) as well as the totally implantable intracranial pressure transducer and telestimulator projects.

We see Hunter and Betty Shelden during our visits to Pasadena. Hunter is busily engaged in several interesting research projects. He recently completed a lecture and laboratory course in genetics at Caltech. Professor Ed Lewis, who taught the course, told me that Hunter was an excellent student.

Rita and I attended the International Congress of Neurological Surgery meeting in Sao Paulo and the International Symposium on Microneurosurgery in Rio de Janeiro. There were many interesting papers. We shared experiences with many of our foreign neurosurgical friends. We particularly enjoyed Rio and had some interesting sightseeing adventures there.

Prior to returning to California we visited Heyer-Schulte del Caribe in Puerto Rico. All of the components for hydrocephalus shunt systems as well as other neurosurgical devices are made there. I showed the entire staff a movie on hydrocephalus that we made many years ago in Pasadena. The response was most enthusiastic. The question and answer period was spirited and lasted almost an hour.

As I write this letter Santa Barbara is recovering from the most disastrous fire in its history. Over 300 homes were destroyed. Fortunately no people died although there were some serious injuries. Many of our friends lived in or near the fire area, but none sustained any serious losses.

Our plans to attend the Hawaii meeting are not finalized at this time. We hope that we shall be there to see all of you again. Fondest greetings to all!



Joseph
RANSHOFF

I am dictating this note to the Neurosurgeon on my flight back from a most successful and enjoyable meeting of the Sixth International Neurosurgical Conference at Sao Paulo. Those Academy members who were unable to attend missed a really great experience. The Brazilians were tremendously hospitable, fed us very well, entertained us to the hilt and put on a very first rate conference. The architecture in Sao Paulo is strikingly magnificent. It is a city of over 10,000,000 people, although city planning is apparently not evident in this megalopolis but the architecture of the hotels and huge apartment complexes and business buildings is quite striking. The Convention Hall was one of the most beautiful that I have had an opportunity to attend with the magnificent center hall in a circular building with smaller conference rooms around the periphery, all of which were beautifully designed.

The only negative comment I can make relates to the poor attendance of the neurosurgical community from the United States as compared to the other member countries. All of the famous names in neurosurgery from Europe, the Middle East, Far East were present as well as a great host of younger men and women. Hopefully, at the time of the next International Congress in Munich under the Presidency of a North American, greater interest will be stimulated and a better attendance seen.

RANSOHOFF

I guess the only other thing of interest that I can rummage up at this point in time (about 2 o'clock in the morning) relates to the efforts of the NINCDS and its various investigators in attempting to put together research and clinical activities related to spinal cord trauma and head trauma. Certainly, the funding of activities in relationship to the nervous system and its response to trauma is being separated at the foramen magnum and no longer makes much sense. The NINCDS is to be congratulated, I think, on this new effort. I personally feel a little bit in the role of a guinea pig as our Head Trauma and Spinal Cord Trauma Clinical Research Centers both come up for renewal at the next Council Meeting and we are in the position in a sense of "roll for double or nothing" and put these two in together in the form of a Comprehensive Clinical Research Center for Central Nervous System Trauma. It is obvious that the clinical programs are divergent in their manifestations of injury but the basic mechanisms of ischemia, edema, etc., are the same and clearly in the research laboratories the issues under investigation are overlapping in multiple areas. Wish us good luck!

Hugo and Helen

RIZZOLI

Helen and I are most grateful; we have had no significant problems during the past year. She continues to dabble in real estate. Our oldest son continues his interest in literary pursuits but at times gives serious consideration to entering the commercial world via a bookstore. Since our daughter has her degree in business administration, we hope they will collaborate on some worthwhile adventure! Another son has now completed his third year of medical school and is grappling with the direction of his future. Our youngest son, although he continues to attend a few courses in college, spends most of his time dissecting, renovating, and creating racing vehicles.

I continue to direct the residency program at George Washington University--that is, between trips, including one to Iraq! In spite of the usual problems, our program still seems to thrive. Our excellent, loyal part-time and our capable full time staff make this task less difficult. We are going to miss Don Smith who is returning to his home state of Louisiana where he will be associated with the Shreveport Medical School.

We cannot attend the meeting in Hawaii; we wish you all a most successful meeting and an equally happy academic year.

James and Valeria

ROBERTSON

The James Robertson family has had a very busy year. Our oldest daughter, Elizabeth, was married to Mr. David Morris of Memphis June 25, 1977. They had been engaged for several months, and the wedding with Valeria's guidance was planned to the finest degree. It was a superb wedding, in my opinion, and one of the happiest nights of our lives. The oldest son, Tom, is now working in Washington; Catherine is finishing an operating room technician school on the 1st of August; and the remaining children are still at home. Valeria and I still have our hands full and, although very busy, we are enjoying every minute of it.

Valeria, Daniel, Roberta and I will spend the week of July 24th in Maine at the Colby College Neurosurgical Seminar. I will serve as a faculty member, and we are looking forward to our week in Maine. Subsequently, we will travel down to the Hilton Head Neurosurgical Symposium on brain tumors where we will spend the second week of our vacation and also have the privilege of participating on the faculty. We plan a three week vacation, therefore, separated between Maine and South Carolina. I was appointed to the American Board of Neurological Surgery in May of 1977 and am looking forward to serving on that august body. The appointment will run for six years, and I consider it a great honor and promise to work hard and faithfully serving this fine organization.

The Robertsons send their best wishes to all.



Stuart and Elva
ROWE



Our activities recently have been somewhat limited but Elva and I did make the Toronto meeting of the Cushing Society. It was very pleasant from the standpoint of learning and the social program and the revisit to that beautiful Canadian city. I was pleasantly surprised to encounter a number of Academy members who were early morning joggers. My early morning activities were more pedestrian and unfortunately including only walking.

Despite the popularity of C.T. scans, E.E.G.s still seem to have some place in the neurological and neurosurgical diagnostic repertoire and keep me moderately busy.

We have been taking a few long weekends for visits to Chesapeake Bay and the boat. Since our son and his family are now living near Easton, Maryland, such trips are doubly pleasant.



Bill and Helene
SCOVILLE



I attended the meeting of the Caribbean Association of which Dick Schneider and I are the only two North American Honorary Members. There are approximately 40 members from the West Indies and Central American States and each meeting has been in extraordinarily idyllic surroundings with lush tropics, volcanic mountains, and marvelous bathing. The first meeting was held in Puerto Rico, the following one in Haiti, and the last one in Guatemala, the best of all because it is almost the last spot where you can buy marvelous handmade embroideries and object d'art at old time prices. I have gone into the business of importing with the wife of the leading neurosurgeon, Dagberto Sosa Montalvo, who trained under Bill Sweet and is a collector of old Jaguars (autos). This year's meeting is in Caracas, hosted by Castillo who trained with Schneider and Eddie Kahn.

The next exciting trip was in June to the World Congress in Sao Paulo which turned out to be a magnificent Congress held in a city as large as New York City with as many skyscrapers arising out of nowhere. In approaching the city one came upon multiple groups of them and then another and another and another. The architecture is equal to New York except that there was no planning whatsoever and the skyscrapers sprout up without any relation to the other buildings which is sad to behold. There are 11 million inhabitants and they have the same problems as New Yorkers and more so. A different doctor was held up each day directly in front of his hotel, the Hilton or the Miramar, and no one seemed to pay much attention in spite of them being distinguished persons from Germany, Holland, etc. The Congress

SCOVILLE

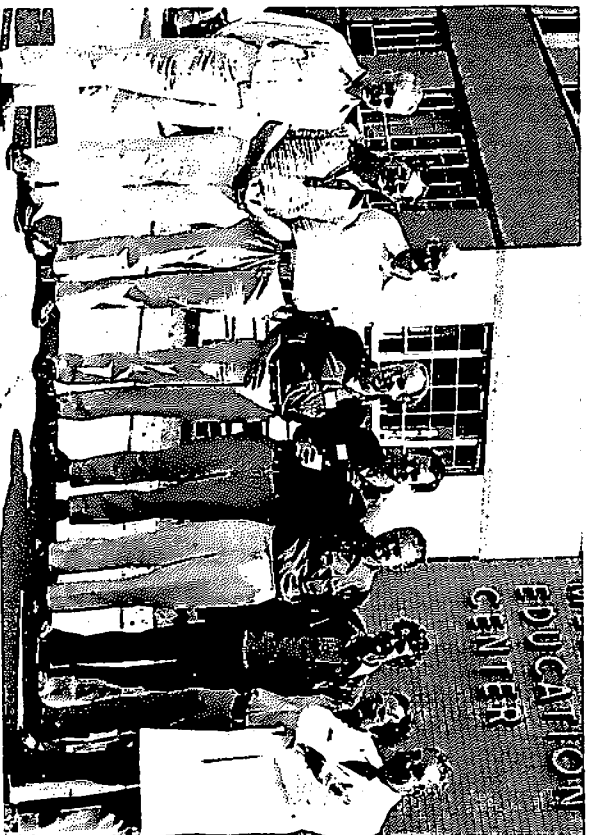
building was enormous housing comfortably everyone. The evening entertainments were spectacular with fireworks and dancing. Charlie Drake was elected President of the World Federation of Neurosurgical Societies, and yours truly Honorary President. The next Congress will be held in Munich four years hence, run by Karl Bushé of Wurzburg, and should be superb

Another Neurosurgical Techniques seminar at Colby College was held in July with, as usual, almost all of the faculty members from the Academy. This year's exception was Hans Newton, neuro-radiologist. It was a success but now the competition is overwhelming with a new seminar every two weeks.

I am disappointed not to be able to make it to the Hawaii meeting which certainly should be the most colorful meeting in history.

Picture:

Faculty members at the seminar (the 8th) on Neurosurgical Techniques at Colby College, Waterville, Maine. From left to right:- Sweet, Hans Newton, Kemp Clark, McLaurin, Patterson, WBS, Harry Hoffman, neuroradiologist, Bert Resnick, who did tape recordings, and Jose Rodriguez.



STEIN

The Neurosurgical program at the Tuft-New England Medical Center has developed beyond our expectations. I have had a complete change in my staff, with Dick Fraser moving to New York, with Russ Patterson at Cornell, where he has been extremely active, and gratefully has become a member of the Academy of Neurological Surgery. Bill Shucart, my other original associate, has become Chairman and Professor at Downstate Medical Center in Brooklyn, and is organizing a very active Neurosurgical program there. In their place, I have been fortunate to secure the services of Michael Scott, who has trained under Bill Sweet, and Kal Post, who trained under Joe Ransohoff. Both of these men have been extremely hard workers and very supportive of the development of our program. Because of their interest, and mine, we have developed certain expertise within the department, so that area such as Endocrine surgery, that related to the transsphenoidal operation, extracranial bypass and carotid procedures, as well as Pediatric area, have been delegated to various members of the staff. I have continued my interest in the treatment by embolization and surgery of arteriovenous malformations, as well as promoting the use of the operating microscope in most of our surgeries.

The residency program is developing well, and we are gratified to find a number of qualified applicants for our program up to and through 1980. We have tried to keep an academic flavor in our training program, and have maintained off-service rotations through complimentary services, such as Neurology, Neuroradiology, etc. In addition, we have been active in the Neuroscience course in the Medical School, and with students on service as clinical clerks.

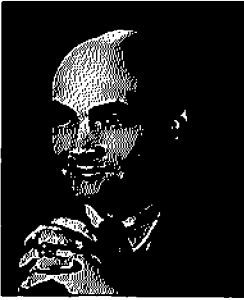
Our Visiting Professor Program has been a source of inspiration to us, and we have been favored by the visits of Bob Ojeman, Bill Collins, Bob King, Lester Mount and others.

STEIN

Dr. Ted Munsat has taken over the Chairmanship of the Neurology Department and is developing a staff of young investigators and enthusiastic clinicians. We look forward to our association with him, and also, to an association which we have developed with Dr. Stanley Jacobson, our Neuroanatomist in the Medical School who has become a part time member of our Department.

Our two daughters are still in college, one completing Simmons College in Boston this year, and the other, transferring from Colby College in New Hampshire to Skidmore College for her final two years. None of them appears to be interested in Medicine or medically related subjects. Having had the winter Lende ski meeting cancelled out because of lack of snow, we took our winter vacation in New England and were pleased by excellent snow conditions, but somewhat distressed by the arctic weather that covered most of New England during the height of the ski season. A wonderful family vacation was experienced in June, when the whole crew, with yours truly as Master, chartered a sailing yacht from the British Virgin Islands and sailed throughout that territory for a one week period. We were blessed by excellent weather and totally uncrowded situation as it was off-season. This was one of the rare opportunities when the whole family was able to get together for such a vacation and was most enjoyable.

We look forward to the meeting in Hawaii as we have not travelled west from the Pacific Coast on any previous occasion.



Thor and Lois
SUNDT



According to our tradition, we will initially report on our climatic conditions over the past year. Our winter broke all records and left most of us in a state of shock. We are used to rather severe winters, but this was absolutely ridiculous. It never got above zero for over four or five weeks. Everything was frozen including your old dad. Our dog would not leave the house unless it was forcibly evicted from same. There was a shortage of heating fuel and most of us considered it quite likely that we would end our winter without heating fuel and in blankets. However, much to our amazement, winter ended early in February and since then we have had absolutely magnificent weather.

We were very pleased to have the Senior Society meet here in Rochester this year. We enjoyed seeing all of our friends from elsewhere and wished only that the meeting could have lasted one or two days longer.

Laura, our oldest daughter, finished Southern Methodist University and is now an accountant in Dallas, Texas. Thor, our older boy, has finished two years in Princeton and seems to be directed toward the biological field. Our younger boy will finish high school this coming year and that will leave only mother and dad in the homestead.

The Department remains busy and quiet. It is possible that Fred Kerr may leave us and go to NIH, their gain is our loss. We are looking forward to seeing everyone in Hawaii and renewing friendships.



William and Mary

SWEET

This week I have had the privilege of turning over to my esteemed friend, Dr. Nicholas Zervas, the keys to my office as Chief of the Neurosurgical Service at the Massachusetts General Hospital (from which I received a 40-year service pin last year). It has been a privilege and pleasure to have held the Service Chief's job for the past 16 years. I can only hope that the mounting administrative burdens falling on all physicians in the last few years will not be so disproportionately large for service chiefs that these responsible, exciting positions will lose the allure they have had.

The next phase of my professional life will include a much greater concentration on the problems of pain both in the clinic and in the laboratory. I shall continue to practice at the Massachusetts General Hospital, with a nearby office at One Longfellow Place, Boston 02114.

In preparation for this more focally directed effort including research, I have recently attended the Intensive Study Program of the Neurosciences Research Associates, which was held for the last two weeks of June in Boulder, Colorado. In these carefully planned sessions we heard almost 70 formal, essentially tutorial, lectures which brought the 150 attenders up to date on many of the rapidly advancing fields in or related to neuroscience. It was all very exciting, from the opening lecture of Frank Schmitt summarizing the main theme of many of the

SWEET

lectures in prospect during the next two weeks through to the final talk by the Nobel laureate Gerald Edelman describing his new "selective theory of brain function" based on current knowledge of the organization and function of sensory cortex, limbic and reticular systems, and local circuit neurons. The volume containing these papers should be published within a year under the title of The Fourth Intensive Study Program of the Neurosciences Research Associates. Neurosurgeons will be pleased to know that a neurosurgical trainee with remarkable abilities, Dr. Barry Smith, played a key role in selecting and arranging for the tutorial lecturers. He is also Program Director of the Neurosciences Research Program (on leave to complete his neurosurgical training).

Mary and I had an interesting two weeks in Spain in the spring, joining Shelley Chou and some British neurosurgeons in initiating with the Spanish the new 'Neurosurgical Society of the Levantine Mediterranean'. Like our own Academy, they selected a seaside resort, Alicante, Spain for their scientific and other sessions.

Looking forward to seeing Academy members and guests in the sumptuous milieu of our next Annual Meeting on Hawaii.



Ron and Mary
TASKER

The feature event of the past year was, for us, our participation in the meeting of the Japanese Society for Stereotactic and Functional Neurosurgery in Maebashi last November. As well as enjoying matchless Japanese hospitality and visiting a number of neurosurgical units we were able to visit old friends who had previously worked in Toronto.

In June our eldest son James and I attended the International meeting in San Paulo and then spent a week with an orchid collector in southeast Brazil and ten days on the Amazon.

Our eldest daughter Moira having finished Grade XIII is devoting this year to polishing up her horseback riding and participating in as many events as she can.

In the department we are finishing up reviewing all our stereotactically obtained neurophysiological data with the help of Peter Hawrylyshyn, which leaves little extra time after routine commitments. Meanwhile construction has begun on a new wing to the Toronto General Hospital into whose more comfortable facilities we are eventually anticipating moving.



John and Susan

TEW

As many of you have learned we were unable to be at the Charleston meeting due to a fire in our home a week prior to the meeting. Fortunately, Susan, our three children, two dogs and two cats escaped safely after sounding the alarm. Major interior damage led to evacuation for several months, but thanks to many friends, including several of you, and Susan's general contracting abilities, everything is repaired and the result is beautiful.

Fortunately these chores were completed in time to permit Susan and I to attend the World Congress in Sao Paulo, Brazil. The Academy was well represented as Charlie Drake was chosen President of the World Federation for the next four years. We spent several great days with Catherine and Ted Rasmussen prior to the opening of the Congress. Ted was the Chairman of a Symposium to commemorate the opening of the Institute of Functional Neurosurgery at the University of Sao Paulo.

Thanks to our good friends in Sao Paulo, we enjoyed an outstanding World Congress. However, things became a bit rough at times when Kris Kristiansen was bushwhacked by several members of the local rowdies. Excluding the bad manners of the itinerate pickpockets and miles of 8 lane parking lots in Sao Paulo, Brazil was an exciting experience.

We returned to Cincinnati just in time to attend a surprise party arranged by Dr. Mayfield who was retiring as Program Director and Chairman of Neurosurgery. He had held the latter post for 40 years. In attempting to succeed him I shall be forever grateful

TEW

for his continued friendship and sage guidance throughout the years. Far from retiring, Dr. Mayfield is assuming a more active role in developments at the Institute and cooperating in enlarging the neurosurgery department at The Christ Hospital where they have just completed a beautiful new addition.

During recent months we have enjoyed visits from several Academy members. In June, Shelley Chou, Gazi Yasargil and Charlie Drake were here to help commemorate the 10th year of intracranial microvascular surgery and Honor Pete Donaghy for his many contributions to the development of this work.

The Mauna Kea meeting sounds most inviting - unfortunately, I fear we cannot attend because the Annual Congress of Neurological Surgeons meeting and my responsibility as Annual Meeting Chairman, occur only several weeks prior. Oh, how we regret this unfortunate circumstance because we know what a fabulous meeting the Lowerys have planned for the Big Island.

As you can see by the photograph our children are growing rapidly. Margaret 10, Mat 8, and Neal 6 enjoyed a summer of local camps, school programs and beach activities. All three are active in sports with swimming being the most popular at the present time.

Have a great time in Hawaii as we start planning for Munich in 1978.



John and Gina

TYTUS

This has been a very good year. Last July, we added a third man to our section, Jim Raisia, who has fitted in admirably. I must also say that being off call two out of three weekends has greatly enhanced both Ed Reifel's and my enjoyment of neurosurgery. Our volume continues to grow so all of us keep quite busy. It is interesting, however, that while The Mason Clinic itself continues to grow and now comprises some 110 partners and associates, most of our volume originates from outside referrals.

The main purpose of this letter, however, is to make formal application to the Grandfather Club of the Academy. I am now a grandfather times five which should put me somewhere near the top of the roster. Enclosed find partial evidence. All I can say is that ferris wheels move much faster than they did 30 years ago, and seem downright dangerous!!

Both Gina and I look forward so much to our next meeting at the Mauna Kai.

Arthur and Janet

WARD

During the past year, the Epilepsy Center that I have been planning for several years has been activated. At the time the Center was conceived, if I had had any idea of the time, effort and administrative hassling which would be required, I never would have taken it on! However, it is now launched and seems to be thriving. For the present time, it is housed at Harborview Medical Center which is one of our two university hospitals. The Center contains outpatient facilities for processing some 300 new patients a year and 3000 followup visits. There is a small minimal care in-patient unit where patients are admitted either for study, therapy and rehabilitation of complex seizure problems or for purposes of clinical research.

There is a large and elaborate clinical electrophysiology laboratory within the center with facilities for telemetering, videotaping of seizures and computer analysis of EEG records by our computer. There is a clinical pharmacology laboratory where we can monitor blood levels of anticonvulsant drugs and undertake studies of kinetics. There are associated neuropsychology laboratories, space for teams in social services and rehabilitation, as well as our statistical unit. We also have an educational outreach program designed to serve and help coordinate the needs of epilepsy within the states of Washington, Alaska, Montana and Idaho. Because of the major physical isolation of patients in Alaska, we hope to set up a system whereby much of the followup care for these patients can be provided via satellite. This consists of two-way color video and audio and is really just about as effective as seeing a patient in the clinic or office.

A variety of clinical research efforts are getting underway, and as might be predicted, this increased activity has added significantly to the number of operations for epilepsy which we are undertaking. It appears, therefore, that we have a bear by the tail!

WARD

The International Congress in San Paulo was the usual large, cumbersome and confused meeting, but it was better than I had anticipated. I was delighted to see a representative sample of our membership there!

I am sure that everyone is looking forward to the forthcoming meeting at Mauna Kea. For those of you who have never been there, this is one of the very special resorts of the world. I have never heard of anyone who has been disappointed. Janet and I are looking forward to a great meeting. I am told that it is advisable to bring along extra golf balls.

Clark and Patty

WATTS

Patty and I have finally established roots in Columbia, Missouri after the move from Dallas, Texas. The past year has seen me become well involved in the business of being a Program Director at the University of Missouri and increasingly involved in local neuroscience educational endeavors and medical school politics. Patty's nesting instincts have come forth with the bursting of spring this year resulting in some not too immodest renovation of an 8 year old house which sets on six acres of a wooded hillside overlooking a beautiful creek and valley just five miles from the Medical Center. It is hoped that during the next years several readers of this tome will have the opportunity to visit and see first hand the beauty of the rolling foothills of the Ozarks especially in spring and fall.

While remaining active on the Executive Board of the Manpower Monitoring Committee of the AANS and as Chairman of the Subcommittee on Manpower of the Joint Socio-economic Committee of the AANS and CNS, I have also taken on several new endeavors. Among these include a place on the Joint Committee on Drugs of the AANS and CNS, an Associated Editor of CLINICAL NEUROSURGERY, and Speal Features Editor of NEUROSURGERY the new journal of the Congress of Neurological Surgeons.

We wish all members of the Academy a most productive and rewarding year and hope to see everyone in Hawaii.



WHITCOMB



Despite the slow pace and more frequent backaches, age also has its benefits - other than half price admission tickets to various events. My practice seems to be even more enjoyable: no more nights or weekends on call; therefore, no more trauma, but unfortunately or perhaps fortunately, no more aneurysms which seemed to be largely emergency admissions. However, elective surgery continues to be nearly a daily event, and my office practice shows no change with more interesting consultations and interesting referee work.

Scoville and I recently attended the Elsberg Lecture of the New York Neurosurgical Society given this year by Larry Poole. It was superb.

The number of postgraduate courses now are staggering; but, for the most part, these seem to be very good. I believe they are doing their part in continuing education and improving overall neurosurgical care. Furthermore, I hope Ben Eisman's lampooning of the Visiting Professor in the New England Journal will not deter Academy members from performing this useful activity which seems to be deeply appreciated by residents in general.

Our play activities follow a regular pattern, breaking up the winter with a ski vacation with the grandchildren in Colorado; and, after returning from Brazil, we plan a bit of sailing on the Maine Coast and would love to have any touring Academy members call on us in Ellsworth, Maine during the summer.

Bud and Margie

WHITE

The White's have had a busy year letting the family grow up. Mike and Leanna are still struggling together in graduate studies. Leanna is working in the Anesthesiology Department at the University of Washington and Mike, upon finishing his master's degree in social work is doing now what he always wanted, - counseling young people with adjustment problems for the Washington Juvenile Authority. Britt finished high school at Wright's School in Mobile, Alabama and is off to Salem College in Winston-Salem, N.C. this fall. The family still feels the push of living 2000 miles apart, but the ease of transportation makes Mobile like a distant suburb via the Seattle-Tacoma Airport.

Margie and I were sorry to have missed the Charleston meeting and find it difficult to plan for the meeting in Hawaii. The latter is particularly difficult because of the contraction of our new home which at this writing is just coming out of the ground.

On the personal side, we continue to push the development of Neuroscience in Alabama. As I reported to the Academy in Phoenix it is antitradition, but there is every reason to believe Neurological Surgery should be at the forefront of this inevitable surge of activity in our quest of the "New Frontier" described by Dick Masland in his editorial for the Society for Neuroscience. Hopefully, we can continue to encourage our young colleagues to be ever mindful of how the brain works, rather than concentrating our total effort on how you work on the brain. In this vein, I have initiated a new course this year in Neurobiology for Allied Health students and completed a study guide text to aid the student in the relevant completion of the course. It is the intent of the course to make our future team members more knowledgeable about the biology of the central nervous system and to become better able to assist us in academic development and most importantly, therapy.

WHITE

The Alabama Neurosurgical Society is addressing many of the issues this "New Frontier" concept is bring up and it was a pleasure to serve as its President last year. Our meetings have been accredited for continuing education credit and some of the new members have begun to participate actively in Family Practice Programs to bring what neurosurgeons do more into the mainstream of medical practice today.

We have indeed been fortunate in Mobile to have strong community support for the development of new programs. The Comprehensive Seizure Clinic opened its doors on August 1, under the auspices of the local Chapter of EFA. It is the intent of this program to serve the region as well as the immediate area. Further, we are looking forward to the subsequent opening of a Pain Clinic which is now on the drawing board. Without the support of the community it would be difficult for an academically based program to maintain the breadth necessary to work effectively in the region. These developments plus the establishment of the Neuroscience Library are a credit to the community effort and although embryonic in scope, a source of great personal pleasure to me.

Margie and I will be sorry to miss you all in Hawaii, but you know we'll be there in spirit.



Bob and Gloria
WILKINS



Since last year's note we have moved twice. While I was attending the Academy meeting in sunny Charleston, enjoying the hospitality of the Perots, Gloria was moving our family and belongings out of Pittsburgh in a blizzard. We moved into a condominium in Durham in November and then into our permanent home in July. The latter is located at 2822 Chelsea Circle, just three doors from the Odoms in one direction and about the same distance from the Woodhalls in the other.

We were fortunate to find this beautiful home, which was built in 1924, and it will keep us busy over the next few years, decorating and maintaining it. We have converted one of the rooms on the second floor to an office for the new journal, Neurosurgery, and Gloria and I spend almost all of our spare time on this project. One of the basement rooms has been set aside for the Congress bookstore, to handle the storage and sales of back issues of Clinical Neurosurgery. These volumes are to be shipped to us shortly by Bernard Patrick, who has performed this service for the Congress of Neurological Surgeons for a number of years.

Our family is thriving. Mike is working this summer for an architectural firm during the day and in a restaurant at night. He'll be starting college at Stanford this fall. Jeff is in high school and spends his free time swimming, running, and manipulating stocks and bonds. Betsy will be entering 8th grade this fall; she's occupied with her school activities and hobbies.

Charles

WILSON

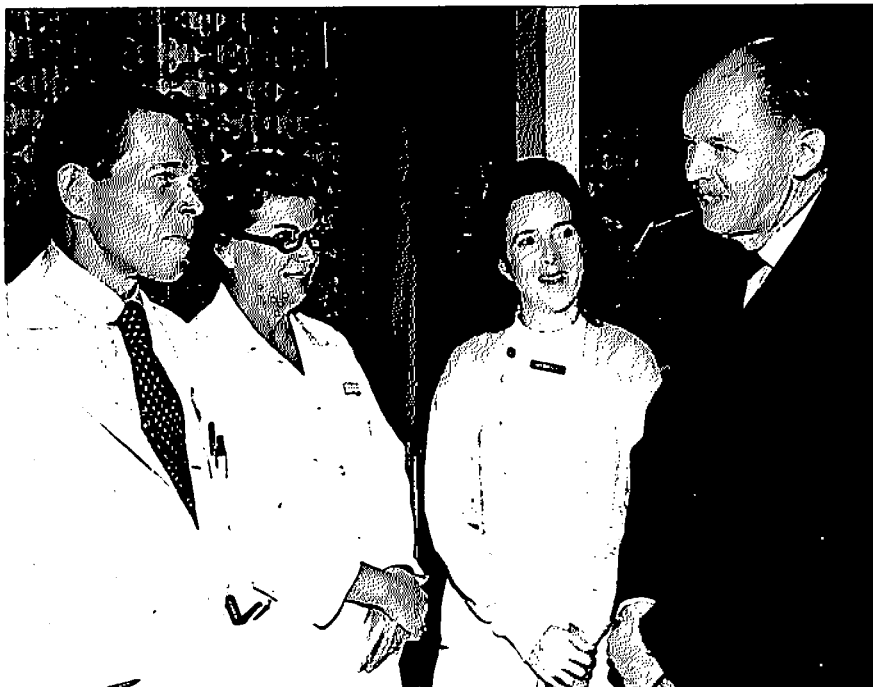
Two events stand out in the past year. The first was an unexpected problem with my left "good" knee. You will recall that 18 months ago I underwent surgery for removal of my right medial meniscus. I made a full recovery, and earlier this year I was in marathon condition. I was getting in 75-100 miles per week and had plans to enter races this spring and summer. In the week prior to the meeting in Toronto I was on a Sunday run when the left medial meniscus developed an acute tear, and I was immobilized with pain and swelling only hours later. I underwent an operation a few days later and as a consequence missed the meeting in Toronto.

While I was still confined to a long-leg cast I moved into my new house, the second outstanding event of the year. I have a small shingled house in Tiburon occupying 7 1/2 acres in a sheltered cove. The setting is unbelievably beautiful, and I must admit that this has been one of the most exciting and pleasing experiences in my life. Despite the drought I have a flower garden and fruit trees that I water with care, using the water that I am able to save from household uses.

In February I began a sabbatical in residence. This means that I have two half days and one full day off each week. I operate two full days and the other half days I see patients and attend conferences. Buz Hoff is the Acting Chairman. Originally I had intended to take only six months, but I have enjoyed it so much that I am extending it for a full year. I had thought about spending six months away from the institution, but in the final stage of making plans I did not wish to be out of the operating room for six months.

Under Buz's leadership the department is doing very well, and some might argue with good reason that the situation is better. In any event, I am enjoying it enormously and Buz seems to be holding up under the strain. Our major job at this point is recruiting someone to replace Phil Weinstein as the Chief of Neurosurgery at the University of Arizona, in Tucson.

The accompanying photograph portrays two members: photogenic Ed Boldrey who has not aged a day during our nine year association, and photophobic C.W. with an unfortunately characteristic grin. The occasion: opening of our Special Care Unit.



David and Myrna

YASHON

I'm sorry that I could not get to the last meeting but hopefully I'll be able to make the next meetings in Hawaii. The practice is quite active and our laboratory is moving ahead. The spinal injury work is quite interesting, but unfortunately we know of no breakthrough. For the last two years I have been laboring on a book on spinal injury and it should be published in the next nine to twelve months. Three or four years ago I perceived that there was a need for an encyclopedic text on all areas of spinal injury. For that reason I put together a 32 chapter volume which I believe includes almost everything there is to know regarding spinal injury. Hopefully it will be of some use to the medical community. The publishers at Appleton-Century-Crofts have been excellent and in the course of the last 20 years I have collected a large number of interesting illustrations which should be quite helpful.

My children are growing like weeds. My oldest daughter, who will begin 12th grade in September of 1977, was elected president of the National Honor Society and, of course, we are mighty proud of this.

THE ACADEMY AWARD WINNERS

Paul M. Linn	1955
Hubert L. Rosomoff	1956
Byron C. Pevehouse	1957
Normal Hill	1958
Jack Stern	1959
Robert Ojemann	1960
Lowell E. Ford	1962
Charles H. Tator	1963
Earle E. Crandall	1964
M. Stephen Mahaley, Jr.	1965
Chun Ching Kao	1966
John P. Kapp	1967
Hoshio Hosobuchi	1968
Gary G. Ferguson	1970
Richard Pressley	1971
D.G. McLone	1972
Arden F. Reynolds	1973
Richard L. Rapport, II	1974
Andrew G. Shetter	1975
John S. Howe	1976

COMMITTEES
THE AMERICAN ACADEMY OF NEUROLOGICAL SURGERY

1977

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Robert S. Knighton
William Feindel
Phanor L. Perot, Jr.
John T. Garner
Charles B. Wilson

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James Atkinson, Chairman
Henry Garretson
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ACADEMY AWARD COMMITTEE

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NATIONAL SOCIETY FOR MEDICAL RESEARCH

John Mullan

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COMMITTEE ON NEUROSURGICAL IMPLANTS

David Kline

THE AMERICAN ACADEMY OF NEUROLOGICAL SURGERY
FOUNDED OCTOBER, 1938

HONORARY MEMBER - 7

ELECTED

Hugo Krayenbuhl, MD Neurochirurgische Universitätsklinik Kantonsspital 8000 Zurich, Switzerland	1974
Guy Lazorthes, MD 26 Rue d'Auriol 31 Toulouse, France	1973
Valentine Logue, MD Maida Vale Hospital London, W. 9, England	1974
Gosta Norlen, MD Neurokirurgiska Kliniken Sahlgrenska Sjukhus Goteborg, SV Sweden	1973
Sixto Obrador (Alcalde), MD Eduardo Dato 23 Madrid 10, Spain	1973
Keiji Sano, MD Dept. of Neurosurg. School of Medicine University of Tokyo Tokyo, Japan	1975
R. Eustace Semmes, MD 20 S. Dudley Street, Suite 101-B Memphis, Tennessee 38103	1955

SENIOR MEMBERS - 36

		ELECTED
George S. Baker, MD 200 First Street, S.W. Rochester, Minnesota 55901		1940
E. Harry Botterell, MD Faculty of Medicine Queens University Kingston, Ontario, Canada	Margaret	1938
Howard A. Brown, MD 2001 Union Street San Francisco, California 94123	Dorothy	1939
Harvey Chenault, MD 2370 Nicholasville Road Lexington, Kentucky 40503	Margaret	1949
Donald F. Coburn, MD 4740 Roanoke Parkway Apartment 1201 Kansas City, Missouri 64112	Ellie	1938
Edward W. Davis, MD Providence Medical Office Building 545 N.E. 47th Avenue Portland, Oregon		1949
Francis A. Echlin, MD 100 East 77th Street New York, New York 10021	Letitia	1944
Dean H. Echols, MD 1550 Second Street New Orleans, Louisiana 70130	Fran	Founder
Arthur Elvidge, MD Montreal Neurological Institute 3801 University Street Montreal 2, Quebec, Canada		1939

ELECTED

Theodore C. Erickson, MD University Hospitals 1300 University Avenue Madison, Wisconsin 43706	Martha	1940
Joseph P. Evans, MD American College of Surgeons 55 East Erie Street Chicago, Illinois 60611	Hermene	Founder
John D. French, MD The Center for Health Sciences University of California Los Angeles, California 90024	Dorothy	1951
James G. Galbraith, MD University of Alabama Medical Center 1919 Seventh Avenue, South Birmingham, Alabama 35233	Peggy	1947
Everett G. Grantham, MD 234 East Gray Street Louisville, Kentucky 40202	Mary Carmel	1942
James Greenwood, Jr., MD 1117 Hermann Professional Building 6410 Fannin Street Houston, Texas 77025	Mary	1952
Wallace B. Hamby, MD 3001 N.E. 47th Court Fort Lauderdale, Florida 33308	Eleanor	1941
Hannibal Hamlin, MD 270 Benefit Street Providence, Rhode Island 02903	Margaret	1948
Jess D. Herrmann, MD Post Office Box 135 Mountain Pine, Arkansas 71956	Mary Jo	1938

William S. Keith, MD Toronto Western Medical Building Suite 207 25 Leonard Avenue Toronto, Ontario, Canada	Eleanor	Founder
George L. Maltby, MD 31 Bramhall Street Portland, Maine 04102	Isabella (Sim)	1942
Augustus McCravey, MD 1010 East Third Street Chattanooga, Tennessee 37403	Helen	1944
Edmund J. Morrissey, MD 450 Sutter Street, Suite 1504 San Francisco, California 94108	Kate	1941
Francis Murphey, MD Medical Plaza No. 201 Memphis, Tennessee 38103		Founder
Lawrence J. Pool, MD Box 31, West Cornwall Connecticut 06796	Angeline	1940
Robert H. Pudenz, MD 734 Fairmount Avenue Pasadena, California 91105	Rita	1943
Robert C.L. Robertson, MD Shamrock Professional Building 2210 Maroneal Boulevard Houston, Texas 77025	Marjorie	1946
Stuart N. Rowe, MD 302 Iroquois Building 3600 Forbes Street Pittsburgh, Pennsylvania 15213	Elva	1938

ELECTED

Henry G. Schwartz, MD Barnes Hospital Plaza Division of Neurolog. Surgery St. Louis, Missouri 63110	Reedie	1942
William B. Scoville, MD 85 Jefferson Street Hartford, Connecticut 06106	Helene	1944
C. Hunter Shelden, MD 734 Fairmount Avenue Pasadena, California 91105	Elizabeth	1941
Homer S. Swanson, MD 1939 Peachtree Road NW Atlanta, Georgia 30309	LaMyra	1939
Alfred Uihlein, MD 200 First Street SW Rochester, Minnesota 55901	Ione	1950
A. Earl Walker, MD Johns Hopkins Hospital Division of Neurolog. Surgery 601 North Broadway Baltimore, Maryland 21205	Terrye	1938
Exum Walker, MD 490 Peachtree Street NE Atlanta, Georgia 30308	Nelle	1938
Thomas A. Weaver, Jr. 146 Wyoming Street Dayton, Ohio 45409	Mary	1943
Barnes Woodhall, MD Duke University Medical Center Durham, North Carolina 27706	Frances	1941

CORRESPONDING MEMBERS - 22

	ELECTED
Dr. Jean Brihaye 13 Rue Vergote Brussels, Belgium 5	1975
Karl August Bushe, MD Neurochirurgiscnen Klinik D-8700 Wursburg Josef-Schneider-Strasse 11 W. Germany	1972
Fernando Cabieses, MD Instituto Peruano de Fomento Educativo Av. Arnales 371, Of. 501 Apartado 5254 Lima, Peru	1966
Juan Cardenas y C., MD Av. Insurgentes Sur 594 Mexico, D.F.	1966
Juan C. Christensen, MD Ave. Quintana 474 8º A Buenos Aires, Argentina	1970
Giuseppe Dalle Ore, MD Dipartimento di Neurochirurgia Ospedale maggiore 37100 Verona, Italy	1970
Hans E. Diemath, MD Prim. Univ. Doz Neurochir. Abt. D. Landersnervenklinik Salzburg, 5020, Austria	1970
Mr. John Gillingham Boraston House, Ravelson Edinburgh 4, Scotland	1962

ELECTED

Dr. Jaime Gomez Cra. 13 No. 43-23 Bogota 8, Colombia South America	1975
Mr. John Hankinson Dept. of Neurosurgery Newcastle General Hospital Newcastle-upon-Tyne 4 England	1973
Dr. Shozo Ishii Depart. of Neurosurgery Juntendo Medical College Tokyo, Japan	1975
Mr. Richard Johnson Dept. of Neurolog. Surgery Royal Infirmary Manchester, England	1974
Katsutoshi Kitamura, MD Univ. Kyushu Hospital Faculty of Medicine Fukuoka, Japan	1970
Kristian Kristiansen, MD Oslo Kommune Ullval Sykehus Oslo, Norway	1962
Lauri Laitinen, MD Neurokirurgiska Kliniken Toolo Sjukhus Helsinki, Finland	1971
Walpole S. Lewin, MD Dept. of Neurosurgery Addenbrooke's Hospital Hills Road Cambridge, England	1973
William Luyenkijk, MD Pr. Bernhardlaan 60 Oegstgeest, Netherlands	1973

	ELECTED
B. Ramamurthi, MD 2nd Main Road G.I.T. Colony Madras 4, India	1966
Charas Suwanwela, MD Chulalongkorn Hosp. Medical School Bangkok, Thailand	1972
Kjeld Vaernet, MD Rigshospitalets Neurokirurgiske Afdeling Tagensvej 18, 2200 Copenhagen, Denmark	1970
Mr. Sidney Watkins The London Hospital Whitechapel, London E1, England	1975
Dr. Gazi Yasargil Neurochirurgische Universitatsklinik Kantonsspital 8000 Zurich, Switzerland	1975

ACTIVE MEMBERS - 93

ELECTED

Eben Alexander, Jr., MD
Bowman-Gray School of Medicine
Winston-Salem, N.C. 27103

Betty 1950
1941 Georgia Avenue
Winston-Salem, N.C. 37104

James R. Atkinson, MD
302 W. Thomas Road
Phoenix, AZ. 85013

Lona 1970
5806 East Lewis Ave.
Scottsdale, AZ. 85257

H. Thomas Ballantine, Jr., MD
Massachusetts General Hospital
Boston, Mass. 02114

Elizabeth 1951
30 Enbankment Road
Boston, Mass. 02114

Giles Bertrand, MD
Montreal Neurological Inst.
3801 University Street
Montreal, Quebec, Canada

Louise 1967
385 Lethbridge
Montreal 16
Quebec, Canada

Edwin B. Boldrey, MD
University of Calif. Hosp.
3rd Avenue & Parnassus
San Francisco, CA. 94143

Helen 1941
924 Hayne Road
Hillsborough
California 94010

Barton A. Brown, MD
2001 Union Street
San Francisco, CA. 94123

Martha 1968
1648 8th Avenue
San Francisco, CA. 94122

Shelley Chou, MD
Univ. of Minnesota Med. Center
Minneapolis, Minn. 55455

1974

Gale G. Clark, MD
Univ. of Calif. Med. Center
San Francisco, CA. 94143

Marion 1970
12621 Brookpark Road
Oakland, CA. 94619

W. Kemp Clark, MD
5323 Harry Hines Blvd.
Dallas, Texas 75235

Fern 1970
3909 Euclid Avenue
Dallas, Texas 75205

William F. Collins, Jr., MD
Yale Univ. School of Medicine
333 Cedar Street
New Haven, Conn. 06510

Gwen 1963
131 Uncas Point Road
Sachemo Head
Guilford, Conn. 06437

ELECTED

Edward S. Connolly, MD
Ochsner Clinic
New Orleans, LA. 70118

Elise Lapevre 1973
18 Richmond Place
New Orleans, LA. 70018

James W. Correll, MD
Neurological Institute
710 West 168th Street
New York, New York 10034

Cynthia 1966
Algonquin Trail
Saddle River, N.J.

Courtland H. Davis, Jr. MD
Bowman-Gray School of Medicine
Winston-Salem, N.C. 27103

Marilyn 1967
921 Goodwood Road
Winston-Salem, N.C. 27106

Richard L. DeSaussure, MD
201, 920 Madison Avenue
Memphis, Tenn. 38103

Phyllis 1962
4290 Heatherwood Lane
Memphis, Tenn. 38117

Donald F. Dohn, MD
2020 East 93rd Street
Cleveland, Ohio 44106

Betty 1968
3010 Huntington Road
Shaker Heights, Ohio 44120

R.M. Peardon Donaghy, MD
Med. Center Hosp. of Vermont
Burlington, Vermont 05401

Frances 1970
466 S. Prospect Street
Burlington, Vermont 05401

Charles G. Drake, MD
University Hospital
339 Windermere Road
London, Ontario, Can. N6G 2K3

Ruth 1958
1545 Gloucester Road
London
Ontario, Canada

Stewart B. Dunsker, MD
Mayfield Neurological Inst.
506 Oak Street
Cincinnati, Ohio 45219

Ellen 1975
551 Abeline Trail
Cincinnati, Ohio 45215

George Ehni, MD
1531 Hermann Prof. Building
6410 Fannin Street
Houston, Texas 77025

Valaire (Lari) 1964
16 Sunset
Houston, Texas 77025

William H. Feindel, MD
Montreal Neurological Inst.
3801 University Street
Montreal, Quebec, Canada

Faith 1959
A-31 Cote Des Neiges
Montreal, H3H1W2
Canada

ELECTED

Richard A.R. Frasier, MD 525 East 68th Street New York, New York 10021	1976
Robert G. Fisher, MD Muhlenberg Hospital Plainfield, New Jersey 07061	Constance 1957 1175 Johnson Drive Watchung, N.J. 07060
Eldon L. Foltz, MD Division of Neurosurgery Univ. of Cal. School of Med. Irvine, CA. 92664	Catherine 1960 2480 Monaco Drive Laguna Beach, CA. 92651
Lyle A. French, MD Univ. of Minnesota Med. Ctr. Minneapolis, Minn. 55455	Gene 1954 85 Otis Lane St. Paul, Minn. 55104
John T. Garner, MD 744 Fairmount Avenue Pasadena, CA. 91105	Barbara 1971 3075 Monterey Road San Marino, CA. 91108
Henry Garretson, MD Dept. of Neurosurgery Univ. of Louisville, KY.	Marianna 1973 517 Tiffany Lane Louisville, KY. 40207
Sidney Goldrins, MD Barnes Hospital Plaza Division of Neurosurgery St. Louis, Missouri 63110	Lois 1964 11430 Conway Road St. Louis, Missouri 63131
Philip D. Gordy, MD 1727 East 2nd Street Casper, Wyoming 82601	Silvia 1968
John R. Green, MD Barrow Neurological Inst. 302 West Thomas Street Phoenix, AZ. 85013	Georgia 1953 2624 E. Crittendon Lane Sutton Place Phoenix, Arizona 84016
John W. Hanbery, MD Division of Neurosurgery Stanford Univ. Medical Ctr. Stanford, CA. 94305	Shirley 1959 70 Mercedes Lane Atherton, CA. 94025

ELECTED

Maj. Gen. George S. Hayes, MD
 MC USA, Principal Deputy
 Office of the Asst. Sec.
 of Defense (Health & Envir.)
 Washington, D.C. 20301

Catherine 1962
 303 Skyhill Road
 Alexandria, VA. 22314

E. Bruce Hendrick, MD
 123 Edwards Street
 Suite 1225, Toronto
 Ontario, Canada M56V62

Gloria 1968
 63 Leggett Avenue
 Weston
 Ontario, Canada

Dr. Julian Hoff
 Dept. of Neurosurgery
 Univ. of Calif.-San Francisco
 San Francisco, CA. 94143

Diane 1975
 330 Clark Drive
 San Mateo, CA. 94402

Edgar M. Hovsepian, MD
 710 West 168th Street
 New York, New York 10032

1977

William E. Hunt, MD
 410 West 10th Avenue
 Columbus, Ohio 43210

Charlotte 1970
 1000 Urlin Avenue
 Columbus, Ohio 43212

David Kelly, MD
 Bowman-Gray School of Medicine
 Winston-Salem, N.C. 27103

Sally 1975
 350 Buckingham Road
 Winston-Salem, N.C. 27104

Robert B. King, MD
 University Hospital
 Upstate Medical Center
 750 East Adams Street
 Syracuse, N.Y. 13210

Molly 1958
 408 Maple Drive
 Fayetteville, N.Y. 13066

Wolff M. Kirsch, MD
 Univ. of Colorado Med. Center
 Denver, Colorado 80220

Marie-Claire 1971
 635 Bellaire
 Denver, Colorado 80220

David G. Kline, MD
 Louisiana State Univ. Med. Ctr.
 1542 Tulane Avenue
 New Orleans, LA. 70012

Carol 1972
 46 Thrasher Street
 Lake Vista
 New Orleans, LA. 70124

ELECTED

Robert S. Knighton, MD
Henry Ford Hospital
2799 West Grand Blvd.
Detroit, Michigan 48202

Louise 1966
27486 Lathrup Blvd.
Lathrup Village
Michigan 48075

Theodore Kurze, MD
Los Angeles County-U.S.C.
Medical Center
1200 North State Street
Los Angeles, CA. 90033

Brigitte 1967
280 California Terr.
Pasadena, CA. 91105

Thomas W. Langfitt, MD
Hospital of the Univ. of Penn.
34th and Spruce Streets
Philadelphia, PA. 19104

Carolyn 1971
71 Merbrook Bend
Merlon, PA. 19066

Raeburn C. Llewellyn, MD
Tulane University
1430 Tulane Avenue
New Orleans, LA. 70012

Carmen 1963
32 Versailles Blvd.
New Orleans, LA. 70124

William M. Loughed, MD
Toronto General Hosp. #124
Toronto 5, Ontario
Canada

Grace Eleanor 1962
67 Ridge Drive
Toronto
Ontario, Canada

Herbert Lourie, MD
725 Irving Ave., Suite 504
Syracuse, New York 13210

Betty 1965
101 Thomas Road
DeWitt, New York 13214

John J. Lowrey, MD
Straub Clinic
888 South King Street
Honolulu, Hawaii 96813

Catherine (Kay) 1965
2299-B Round Top Drive
Honolulu, Hawaii 96822

Alfred J. Lussenhop, MD
Georgetown Univ. Hospital
3800 Reservoir Road N.W.
Washington, D.C. 20007

1977

Ernest W. Mack, MD
505 S. Arlington Avenue
Suite 212
Reno, Nevada 89502

Roberta 1956
235 Juniper Hill Road
Reno, Nevada 89502

ELECTED

M. Stephen Mahaley, Jr., MD
 Univ. of North Carolina
 Chapel Hill, North Carolina
 27514

Jane 1972
 3940 Nottaway Road
 Durham, N.C. 27707

Leonard Malis, MD
 Mt. Sinai School of Medicine
 New York, New York 10029

Ruth 1973
 219-44 Peck Avenue
 Hollis Hills, N.Y. 11427

Frank Mayfield, MD
 506 Oak Street
 Cincinnati, Ohio 45219

Queenee Founder
 1220 Roodwood Drive
 Cincinnati, Ohio 45208

Robert L. McLaurin, MD
 Division of Neurosurgery
 Christian R. Holmes Hosp.
 Cincinnati, Ohio 45219

Kathleen 1955
 2461 Grandin Road
 Cincinnati, Ohio 45208

William F. Meacham, MD
 Vanderbilt University Hospital
 Division of Neurosurgery
 Nashville, Tenn. 37203

Alice 1952
 3513 Woodmont Blvd.
 Nashville, Tenn. 37215

John F. Mullan, MD
 Univ. of Chicago Clinics
 Dept. of Neurosurgery
 950 East 59th Street
 Chicago, Illinois 60637

Vivian 1963
 6911 S. Bennett Ave.
 Chicago, Illinois 50549

Blaine S. Nashold, Jr., MD
 Duke Univ. Medical Center
 Durham, North Carolina 27706

Irene 1967
 410 East Forest Hills Bl.
 Durham, North Carolina

Frank E. Nulsen, MD
 Division of Neurosurgery
 University Hospital
 2065 Adelbert Road
 Cleveland, Ohio 44106

Ginney 1956
 31200 Fox Hollow Drive
 Pepper Pike, Ohio 41124

Guy L. Odom, MD
 Duke University Medical Center
 Durham, North Carolina 27706

Madaline 1946
 2812 Chelsea Circle
 Durham, N.C.

Dr. George Ojemann
 University of Washington
 Dept. of Neurosurgery
 Seattle, Washington 98195

Linda 1975
 6424 East Mercer Way
 Mercer Island
 Washington 98040

ELECTED

Dr. Robert G. Ojemann
 Massachusetts General Hospital
 Div. of Neurological Surgery
 Boston, Massachusetts 02114

Jean 1968
 85 Nobscot Road
 Weston, Mass. 02193

Dr. Burton Onofrio
 Mayo Clinic
 Rochester, Minn. 55901

Judith 1975
 1105 10th Street SW
 Rochester, Minn. 55901

Dr. Russel H. Patterson, Jr.
 525 East 68th Street
 New York, New York 10021

Juliet 1971
 535 East 86th Street
 New York, N.Y. 10028

Phanor L. Perot, Jr., MD
 Medical Univ. of S.C.
 80 Barre Street
 Charleston, S.C. 29401

Elizabeth 1970
 704 Willowlake Road
 Charleston, S.C. 29407

Byron C. Pevehouse, MD
 2001 Union Street
 San Francisco, CA. 94123

Maxine 1964
 135 Mountain Spring Ave.
 San Francisco, CA. 94114

Robert W. Porter, MD
 5901 East 7th Street
 Long Beach, CA. 90804

Aubrey Dean 1962
 5400 The Toledo
 Long Beach, CA. 90803

John Raaf, MD
 1120 NW 20th Avenue
 Portland, Oregon 97209

Lorene Founder
 390 SW Edgecliff Road
 Portland, Oregon 97219

Aiden A. Raney, MD
 2010 Wilshire Bl. Suite 203
 Los Angeles, CA. 90057

Mary 1946
 125 North Las Palmas
 Los Angeles, CA. 90004

Joseph Ransohoff II, MD
 N.Y. Univ. Medical Center
 500 First Avenue
 New York, New York 10016

Rita 1965
 140 Riverside Drive
 New York, New York

Theodore B. Rasmussen, MD
 Montreal Neurological Inst.
 3801 University Street
 Montreal 2, Quebec, Canada

Catherine 1947
 29 Surrey Drive
 Montreal 16
 Quebec, Canada

ELECTED

David H. Reynolds, MD
1150 NW 14th Street
Suite 209
Miami, Florida 33136

Marjorie 1964
1701 Espanola Drive
Miami, Florida

Hugo Rizzoli, MD
2150 Penn Avenue NW
Washington, D.C. 20037

Helen 1973
6100 Kennedy Drive
Kenwood
Chevy Chase, MD. 20015

Theodore S. Roberts, MD
Division of Neurosurgery
Univ. of Utah Medical Center
Salt Lake City, Utah 81132

1977

James T. Robertson, MD
920 Madison Suite 434
Memphis, Tenn. 38103

Valeria 1971
628 N. Trezevant Street
Memphis, Tenn. 38112

Richard C. Schneider, MD.
C5135, Out Pt. Building
University Hospital
Ann Arbor, Michigan 48104

Madeleine 1970
2110 Hill Street
Ann Arbor, Michigan 48104

James C. Simmons, MD
920 Madison Avenue
#201, Memphis, Tenn. 38103

Vanita 1975
190 Grove Park Road
Memphis, Tenn. 38118

Bennett M. Stein, MD
Dept. of Neurosurgery
171 Harrison Avenue
Boston, Massachusetts 02111

Doreen 1970
16 Tamarack Road
Weston, Mass. 02193

Jim L. Story, MD
7703 Floyd Curl Drive
San Antonio, Texas 78229

Joanne 1972
3211 Stonehaven Road
San Antonio, Texas 73230

Thoralf M. Sundt, Jr., MD
200 1st Street SW
Rochester, Minnesota 55901

Lois
1406 Weatherhill Court
Rochester, Minn. 55901

Anthony F. Susen, MD
3600 Forbes Avenue
Pittsburgh, Pennsylvania 15213

Phyllis 1965
3955 Bigelow Blvd.
Pittsburgh, PA.

ELECTED

William H. Sweet, MD
 Massachusetts General Hospital
 Div. of Neurological Surgery
 Boston, Massachusetts 02114

Mary 1950
 35 Chestnut Place
 Brookline, Mass.

Ronald R. Tasker, MD
 Toronto General Hospital
 Room 124, U.W.
 Toronto, Ontario, Canada

Mary 1971
 12 Cluny Drive
 Toronto 5
 Ontario, Canada

John Tew, Jr., MD
 506 Oak Street
 Cincinnati, Ohio 45219

Susan
 2145 East Hill Avenue
 Cincinnati, Ohio 45208

George T. Tindall, MD
 Emory Univ. School of Medicine
 Div. of Neurosurgery
 1365 Clifton Road NE
 Atlanta, Georgia 30322

Suzie 1968
 859 Lullwater Parkway
 Atlanta, Georgia 30307

John Tytus, MD
 Mason Clinic
 Seattle, Washington 98100

Virginia (Gina) 1967
 1000 NW Northwood Road
 Seattle, Wash. 98177

Arthur A. Ward, Jr., MD
 Dept. of Neurol. Surgery
 Univ. of Washington Hospital
 Seattle, Wash. 98105

Janet 1953
 3922 Belvoir Place NE
 Seattle, WA. 98105

Clark Watts, MD
 Univ. of Missouri-Columbia
 N522 Medical Center
 Columbia, Missouri 65201

Patty 1975
 213 Devine Court
 Columbia, Missouri 65201

W. Keasley Welch, MD
 Children's Hospital Med. Ctr.
 300 Longwood Avenue
 Boston, Massachusetts 02115

Elizabeth 1957
 25 Gould Road
 Waban, Mass.

Benjamin B. Whitcomb, MD
 85 Jefferson Street
 Hartford, Connecticut 06106

Margaret 1947
 38 High Farms Road
 West Hartford, Conn.

ELECTED

Lowell E. White, Jr., MD
 Professor & Chairman
 Div. of Neurosciences
 Univ. of S. Alabama
 Mobile, Alabama 36688

Margie 1971
 912 Regency Drive W.
 Mobile, Alabama 36609

Robert Wilkins, MD
 Presbyterian-Univ. Hospital
 Room 9402
 230 Lothrop Street
 Pittsburgh, PA. 15213

Gloria 1973
 104 Shannon Drive
 Pittsburgh, PA. 15238

Charles B. Wilson, MD
 Dept. of Neurol. Surgery
 Univ. of Cal. Medical Center
 Third & Parnasus
 San Francisco, CA. 94122

1966

Frank Wrenn, MD
 123 Mallard Street
 Greenville, S.C. 29601

Betty 1973
 712 Crescent Avenue
 Greenville, S.C. 29601

David Yashon, MD
 410 West 10th Ave., N. #911
 Columbus, Ohio 43210

Myrna 1972
 5735 Saranac Drive
 Columbus, Ohio 43227

Nicholas T. Zervas, MD
 Massachusetts General Hospital
 Boston, Massachusetts 02114

Thalia 1972
 100 Canton Avenue
 Milton, Mass. 02186

ELECTED

Dr. Wilder Penfield Montreal, Quebec, Canada	(Honorary)	4-4-76	1970
Dr. Rupert B. Raney Los Angeles, California	(Active)	11-28-59	1939
Dr. David L. Reeves Santa Barbara, California	(Senior)	8-14-70	1939
Dr. Samuel R. Snodgrass Nashville, Indiana	(Senior)	8-8-75	1939
Dr. O. William Stewart Montreal, Quebec, Canada	(Corresponding)		1948
Dr. Glen Spurling La Jolla, California	(Honorary)	2-7-68	1942
Dr. Hendrik J. Svien Rochester, Minnesota	(Active)	6-29-72	1957

DECEASED MEMBERS - 21

			ELECTED
Dr. Percival Bailey Evanston, Illinois	(Honorary)	8-10-73	1960
Dr. William S. Beswick New York, New York	(Active)	5-12-71	1949
Dr. Spencer Braden Cleveland, Ohio	(Active)	7-20-69	Founder
Dr. F. Keith Bradford Houston, Texas	(Active)	4-15-71	1938
Dr. Winchell McK. Craig Rochester, Minnesota	(Honorary)	2-12-60	1942
Dr. Wesley A. Gustafson Jensen Beach, Florida	(Senior)	7-16-75	1942
Dr. Henry L. Heyl Hanover, New Hampshire	(Senior)	3-1-75	1951
Dr. Olan R. Hyndman Iowa City, Iowa	(Senior)	6-23-66	1942
Dr. Kenneth H. Jamieson Brisbane, Queensland, Australia	(Corresponding)	1976	1970
Sir Geoffrey Jefferson Manchester, England	(Honorary)	3-22-61	1951
Dr. Donald D. Matson Boston, Massachusetts	(Active)	5-10-69	1950
Dr. Kenneth G. McKenzie Toronto, Ontario, Canada	(Honorary)	2-11-64	1960
Dr. James M. Meredith Richmond, Virginia	(Honorary)	12-19-62	1946
Dr. W. Jason Mixter Woods Hole, Massachusetts	(Honorary)	3-16-58	1967
Dr. Wilder Penfield Montreal, Quebec, Canada	(Honorary)	4-6-76	1970
Dr. Rupert B. Raney Los Angeles, California	(Active)	11-28-59	1939
Dr. David L. Reeves Santa Barbara, California	(Senior)	8-14-70	1939

Dr. Samuel R. Snodgrass Nashville, Indiana	(Senior)	8-8-75	1939
Dr. O. William Stewart Montreal, Quebec, Canada	(Corresponding)		1948
Dr. Glen Spurling La Jolla, California	(Honorary)	2-7-68	1942
Dr. Hendrik J. Svien Rochester, Minnesota	(Active)	6-29-72	1957

PAST MEETINGS

ARIZONA	Phoenix, 1956
BERMUDA	Hamilton, 1974
CALIFORNIA	Los Angeles, 1941 Palm Springs, 1963 Santa Barbara, 1953 San Francisco, 1966 Pebble Beach, 1959 Pasadena, 1973
CANADA	Montreal, 1948 Toronto, 1958
COLORADO	Colorado Springs, 1947, 1954, 1968
DISTRICT OF COLUMBIA	Washington, 1961
ENGLAND	Oxford, 1972
FLORIDA	Miami, 1964, 1967
GEORGIA	Sea Island, 1957
ILLINOIS	Chicago, 1942
LOUISIANA	New Orleans, 1939, 1962
MASSACHUSETTS	Boston, 1960
MEXICO	Mexico City, 1970
MICHIGAN	Battle Creek, 1943
MINNESOTA	Rochester, 1950
NEVADA	Lake Tahoe, 1971
NEW YORK	New York, 1952, 1969
OHIO	Cincinnati, 1938, 1965 Cleveland, 1940
OREGON	Portland, 1949
SOUTH CAROLINA	Charleston, 1976
TENNESSEE	Memphis, 1939 (Organizational Meeting)
TEXAS	Houston, 1951
VIRGINIA	Hot Springs, 1946, 1955
WEST VIRGINIA	White Sulphur Springs, 1944

FOUNDERS

Spencer Braden
Dean H. Echols
Joseph P. Evans
William S. Keith
Frank Mayfield
Francis Murphey
John Raaf

* * *

"PAST PRESIDENTS CLUB"

1938-39	Dean Echols	1957	Arthur R. Elvidge
1940	Spencer Braden	1958	Jess D. Herrmann
1941	Joseph P. Evans	1959	Edwin B. Boldrey
1942	Francis Murphey	1960	George S. Baker
1943	Frank Mayfield	1961-62	C. Hunter Shelden
1944	A. Earl Walker	1963	Samuel R. Snodgrass
1946	Barnes Woodhall	1964	Theodore Rasmussen
1947	William S. Keith	1965	Edmund J. Morrissey
1948	Howard A. Brown	1966	George J. Maltby
1949	John Raaf	1967	Guy L. Odom
1950	E. Harry Botterell	1968	James G. Galbraith
1951	Wallace B. Hamby	1969-70	Robert H. Pudenz
1952	Henry G. Schwarz	1971	William B. Scoville
1953	J. Lawrence Pool	1972	Robert L. McLaurin
1954	Rupert B. Raney	1973	Lyle A. French
1955	David L. Reeves	1974	Benjamin B. Whitcomb
1956	Stuart N. Rowe	1975	John R. Green
	1976	William H. Feindel	

THE GRANDFATHERS' CLUB

George S. Baker
Tom Ballantine
Edwin B. Boldrey
E. Harry Botterell
Howard A. Brown
Gale G. Clark
Donald F. Coburn
Charles G. Drake
Dean H. Echols
George Ehni
Joseph P. Evans
Robert G. Fisher
Lyle A. French
F. John Gillingham
Philip D. Gordy
James Greenwood, Jr.
Wallace B. Hamby
Hannibal Hamlin
Jess D. Herrmann
William S. Keith
Kristian Kristiansen
Ernest Mack
George L. Maltby
Frank H. Mayfield
Edmund J. Morrissey
Gosta Norlen
Guy L. Odom
J. Lawrence Pool
Robert H. Pudenz
John Raaf
Joseph Ransohoff
Stuart N. Rowe
William B. Scoville
Henry Schwartz
C. Hunter Shelden
George T. Tindall
John S. Tytus
Alfred Uihlein
Thomas A. Weaver
Benjamin B. Whitcomb
Barnes Woodhall
Frank Wrenn

