

THE AMERICAN ACADEMY
OF NEUROLOGICAL SURGERY

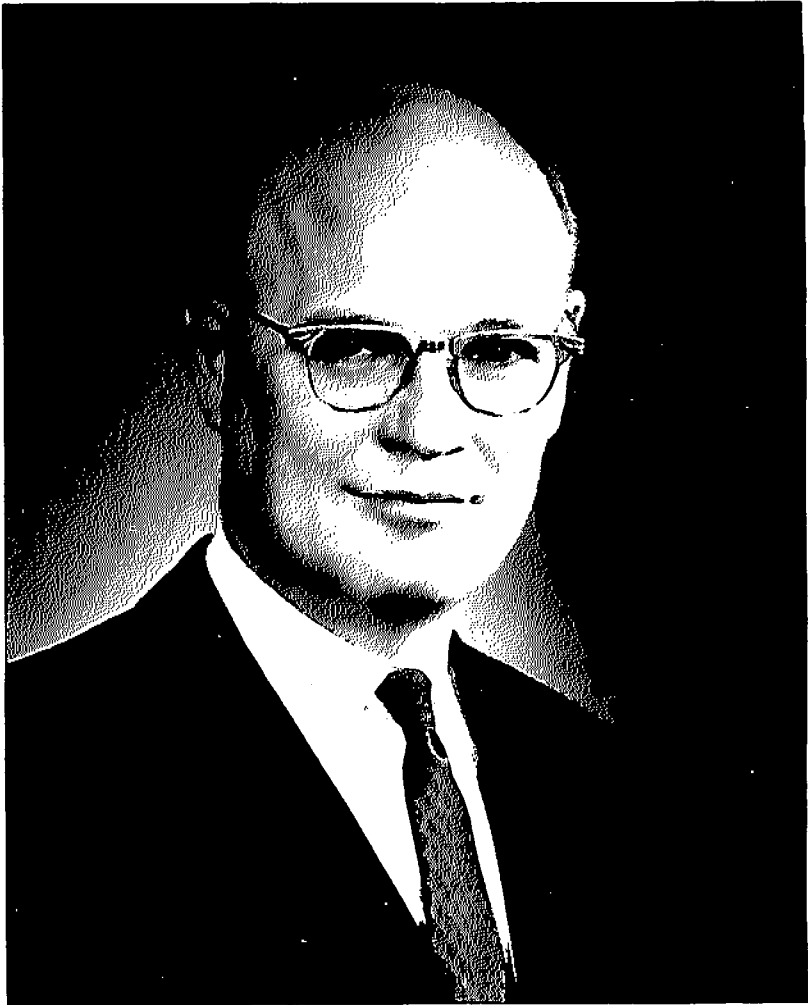


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Robert B.

KING

This year we are honoring, with the Neurosurgeon Award, our President, Doctor Robert B. King. Dr. King's activities in neurosurgery have been so distinguished and rewarding that we felt it appropriate to honor him at this time.

Doctor King was born in Pittsburg, Pennsylvania, the son of a scientific and academic family. His father, Charles G. King, was co-discoverer of Vitamin C and Professor of Chemistry at Columbia University.

He entered the University of Rochester Medical School and spent his post graduate education at Barnes Hospital at Washington University, graduating from Dr. Henry Schwartz's program in 1949. Following his residency he spent ten months at the National Hospital in Queens Square, London and following this returned to Washington University in the Division of Neurosurgery until 1957. He held a Markle Scholarship from 1951 to 1956.

In 1957 he went to Syracuse to establish the Neurosurgical Training Program at the State University of New York, Upstate Medical Center.

Aside from his scientific accomplishments which include sixty-eight original publications, membership in fifteen professional societies both in the United States and abroad, Dr. King is a skilled and creative wood carver as well as a musician. Dr. King and his family are active in the Dewitt Community Church where, among other things, they have established and continue to work with the Bell Choir.

He is active in sports and during high school and college was a championship pole vaulter, gymnast and wrestler. He still enjoys tennis, skiing and manages to ice skate regularly.

He has been honored with Presidency of the Society of Neurological Surgeons. He has also been Secretary of The American Board of Neurological Surgery as well as Chairman of that Board from 1978 to 1980. He is President-Elect of the American Association of Neurological Surgeons.

Bob is married to Molly Gibbs King, the daughter of a physician and together they have three daughters, Nancy, Susan and Kim. In spite of all his professional obligations he is extremely family-oriented and has managed to be Camp Physician at Camp Miniwanca, an American Youth Foundation camp, for more than twenty years now.

His humanitarian interests have lead to two rotations with Project Hope aboard the ship "Hope" in Brazil.

His keen and over-riding interest is academic neurosurgery, particularly on the value of research within training programs. His keen analytical mind has brought an orderly series of projects to fruition in each of the many positions of responsibility which he has held. In particular, he was active in the changes and the development of new standards for certification by the Board and accreditation of training programs, a program started by his good friend, Dr. Kemp Clark.

It is with great pleasure then, and with the realization that his distinguished career and achievements are not only a thing of the past and present but very much so of the future, that we take pleasure in honoring him at this time.



Dr. Robert B. King, left, was honored yesterday by his colleagues and his current and former residents, including Dr. Emura Kinichi of Japan, yesterday at Upstate Medical Center.

Ex-pupils honor Upstate's King

They came from as far away as Japan yesterday to honor the man who has been described as "the father of neurosurgery in Syracuse."

And when they leave today they will go away knowing they have made Dr. Robert B. King one of the happiest men in the world.

King, one of the pioneers of the Department of Neurosurgery at Upstate Medical Center, was the center of attraction at a seminar where he was able to hear papers being given by the 30 physicians he trained.

With the exception of one neurosurgeon from Lebanon who was unable to leave the country, all the men who learned under his guidance attended the reunion. In addition, the man who trained him some 23 years ago, Dr. Henry Schwartz from St. Louis, Mo., was also there, as were King's father and his father-in-law.

Arrived 21 Years Ago

King, who by his own admission was overwhelmed by the day, reflected on his decisions to leave St. Louis 21 years ago and come to Syracuse, which at the time did not have any of the neurosurgery facilities it now does.

"I wanted to see what I could develop in an area where there were no neurosurgeons," he explained. "When I came here I developed the training program and had my first resident in 1959."

For King, the medical center offered a lot of opportunity. "I knew there was great promise and poten-

tial."

Neurosurgery was the field in which he wanted to grow and to see growth. King explained he entered the specialty because of the challenges and because of the research component. "The technical and diagnostic challenges and the research were all important and I wanted to be able to combine them," he explained.

'Most Challenging'

King added he felt the people in the hospital with the kinds of problems neurosurgeons deal with "are the most challenging group of people in terms of need," and that was also a major attraction.

Under the tutelage of Schwartz, King learned how to train physicians. Of King, Schwartz said, "He has done a marvelous job and Syracuse is lucky to have him."

At the age of 35, King set out to find a place that could benefit from his services.

Eighty percent of those he has trained have done the same. King, now 56, explained that those men are teaching to some degree in a medical school setting.

As the chairman of the neurosurgery department at Upstate and a professor, King says he still finds his work as exciting as when he began.

And as far as those he has worked with who came to Syracuse this weekend to honor him:

"There's not a one I'm not as proud as a peacock of."

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, Jr.	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
William Sweet	1977
Robert B. King	1978

OFFICERS

PRESIDENT	Robert B. King, M.D.
PRESIDENT-ELECT	Eben Alexander Jr., M.D.
VICE PRESIDENT	H.T. Ballantine, M.D.
SECRETARY	Phanor L. Perot, Jr., M.D.
TREASURER	John T. Garner, M.D.
HISTORIAN	Edwin B. Boldrey, M.D.



MEMBERS



Eben and Betty

ALEXANDER

We have been getting along well, our children are growing up, and during the week at least we don't have anyone at home for the first time in 26 years, though on weekends we can go up to almost any number. Every time we think of selling our large old house we come up on a week end to see how much we need it.

To my surprise, I became 65 years of age in September.

I have, of course, submitted my resignation as Chairman of the Section of Neurological Surgery as is customary in academic institutions, and the institution went through a long search for the appropriate person to head the section. I am particularly proud that they selected Dave Kelly who is not only a close friend but a person who all of us admire a great deal. I am particularly proud of Dave since I had something to do with attracting him here and was privileged to work with him all during his residency.

We are looking forward to a great future with Dave here and I will continue to work actively as I am now until I am 70.

We continue to be active in a number of areas of research. We are a member of the National Cancer Institute Brain Tumor Study Group, and we are enthusiastic about that endeavor which keeps us busy.

In addition to this, we are active in our work in hydrocephalus, on the treatment of head injuries, the use of pressure monitoring and of the subtemporal decompression when indicated, the various measures for bringing down intracranial pressure besides this, and the various measures for taking care of individuals with spinal cord trauma.

We are investigating pain and are working at various aspects of the myelomeningocele/hydrocephalus problem of which we have well over 500 cases. We are fortunate to have excellent records and excellent personnel who can recruit material for us.

In addition to this, North Carolina is a state in which one can almost always follow up every patient since people are not quite so mobile as they seem to be in other states, and follow up is therefore good.

We are looking forward to the next Academy meeting and to meeting all our old friends. We were sorry to have missed the Meeting in Germany, but it just was not possible at that time.

George S.

BAKER

I have been out of touch with all my friends in the Academy and have not received "THE NEUROSURGEON" for a few years. I have moved to Arizona as a permanent deal and spend my summers in Wyoming near Dubois. I play golf in Arizona and fish for trout and ride horses in Wyoming in season. Please say hello to Hunter and Bob Pudenz and if any of my good friends are coming to Arizona, tell them to bring some golf clubs and join me at the Wigwam Country Club for a few rounds.

The only neurosurgery that I have done in the ten years since I retired from the staff at the Mayo Clinic has been some emergency consultations on head injuries, subdural suspects and on-the-spot accidents that needed a doctor. I hung up the scalpel in 1970 and got out the fly rods, guns and sporting equipment that I could enjoy while I can still walk — and see. I will be 75 my next birthday and I will do the streams and the golf courses with anyone at this time.



Edwin and Helen

BOLDREY

We of the Academy had a particularly pleasant event occur a few weeks ago when Howard and Dorothy Brown celebrated their 50th wedding anniversary. Dean Echols came up from New Orleans and probably will include some comment about his trip in his own letter to THE NEUROSURGEON. Howard and Dorothy both seemed to be in fine spirits for the occasion. Bart Brown, of course, had been one of the arrangers of the affair, and of course Cone Pevehouse was present likewise. The celebration was in delightful surroundings east of the Berkeley hills and away from the summer fog in San Francisco.

This last spring, Helen and I had the pleasure of attending a meeting of the Rocky Mountain Neurosurgical Society at Grand Teton National Park — courtesy of Gale and Marion Clark who had invited us to this meeting. I mention this principally because it seems to me that the Grand Teton Lodge might be a place to be considered for some future meeting of the Academy. It could accommodate a meeting such as ours. It is in a magnificently beautiful setting. The accommodations are of the traditional national park type but are reasonable and comfortable. The Snake River should afford at least one afternoon of unique pleasure, not likely to be repeated elsewhere in the United States. I think that the officers of the Academy should at least give some thought to this for some future meeting.

Speaking of Gale Clark, his birthday was recently celebrated in a unique fashion. One of his colleagues arranged for a local wag to dress up in a gorilla suit and to awaken him at 6:30 in the morning by playing "Anchors Away" on a trumpet. Not many have had a gorilla herald the beginning of another year in such a fashion. Gale had a picture of the gorilla but he will have to send this in himself for the others to see.

I have recently been interested in reviewing the current roster of The American Board of Neurological Surgery. I notice that for the first time in many years now there is no Canadian representative on the Board. It seems to be that we in the Academy have an obligation to give serious consideration to the value of having one of our colleagues from Canada sitting on the Board. Just how this continuity will be worked out is not something for an individual to try to resolve, but I do feel that the appropriately responsible members of the Academy should assume responsibility to have discussion and some input to the favorable resolution of this matter. I say "favorable" because I assume that others will have the same feeling as I in this matter.

Helen and I are looking forward to seeing everyone in Memphis this fall. Certainly, we will be having an exciting and interesting meeting.



Barton A. and Martha

BROWN

On the professional front, we have added and subtracted from the Group. Dad retired last Fall after rounding out an even fifty years of practice and we shall certainly miss his advice and consultation. That reduced the number of neurosurgeons in the Group to four, but we are augmenting our numbers with the addition of Dr. Richard Cuneo, a neurologist. He will comprise with our present neurologist, Don Palatucci, a formidable Italian team!

Our youngest surgeon, Bill White who trained with Russell Patterson, has now been with us two years and is working out splendidly.

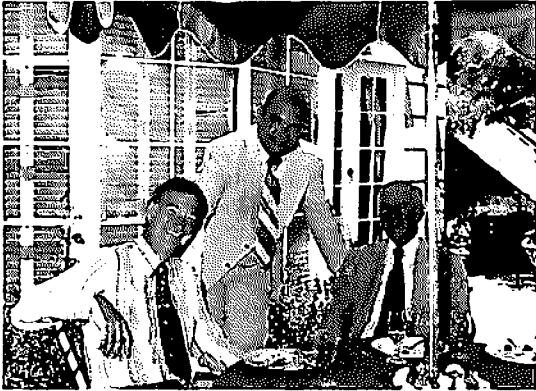
Cone Pevehouse, as you might expect, has multiple irons in the fire, the most recent of which is an extended trip through the Western United States in a motor home with his daughters. The most recent card was from Yellowstone and indicated that gas was plentiful. He should have some good stories to tell upon his return.

Martha and I enjoyed a delightful week in Mexico in February at the SUN Club Meeting. It was split between Guadalajara and Puerto Vallarta and contrary to the Academy meeting in Mexico City, I was able to enjoy this one from the upright position!

Currently we are looking forward to a vacation in the Sierras and to a pack trip in the High Country; particularly the latter since we were rained and snowed out in our attempt last year.

Our social highlight this year was Dad and Mother's 50th wedding anniversary! A crowd of about 100 friends gathered for a garden party on June 10th as documented by the photograph. The Special Award for "Distance Travelled to the Party" went hands down to Fran and Dean Echols who journeyed from New Orleans for the event. It was a delightful occasion and Dad and Mother were in fine fettle.

We look forward to seeing everyone in Memphis.





Karl and Eva

BUSHE

The photo is of Eva, Christoph, Karin and I saying good by to the post congress tour party of the Joint Meeting of the AANS and the German Society for Neurosurgery after their stay in Würzburg.

It was a great pleasure showing Franconian culture from wine tasting to a visit of the Residence Palace to a group of interested friends.

Since this visit in Würzburg I attended the Meeting of the British Society of Neurological Surgeons in Plymouth in April and in June the Congress of the Scandanavian Society of Neurological Surgery in Oulu, Finland.

As president of the 7th International Congress of Neurological Surgery I am trying to attend as many meetings as possible: In October I will go to the Yugoslav Society in Serajewo and in November to the 5th Asian-Australasian Congress of Neurological Surgery in Manila. Next year I will be in New York twice, the first time for the Meeting of the Harvey Cushing Society and in October for the Meeting of the Academy.

In spring Karin passed her second medical examination and Christoph finished school. He will begin to study medicine in Brussels in October.

The first announcement of the Work Meeting in Munich, 1981 has just been sent out and I hope you like the preliminary program.



Juan and Lolita

CARDENAS

Things have happened since our trip to Hawaii. Unfortunately the devaluation of the Mexican peso restrains us to travel, though we have been in North Carolina to attend the wedding of my oldest son Juan. He just finished his general training in Pediatrics. He is married to a girl who is also an M.D. with the same specialty. They are working in Tucson, Arizona.

The group with whom I work (Doctors Resnikoff and Verdura) is now associated with a young neurosurgeon, Doctor Jaime Rosenthal who was trained in Doctor Rosonoff's neurosurgical service.

Mexico is like any other city in the world; robberies, assaults, traffic accidents, and what else. We are planning to retire in Cuernavaca.

Lolita my wife and I will go to Las Hadas (The Fairies) very soon to check the place for the 1981 meeting.

We still have the remembrances of our trip to München. Things went along fine.

We spent two weeks with our daughter who lives in Reutlingen. We ate the delicious Neckar and Rhine rivers wines. The meeting was also very good and it was nice to see our Canadian and American friends.

Hope to see everyone soon.



Shelley and Jolene

CHOU

The departmental activities in the medical school and on the hospital service have kept me busy last year, as in the past years. We lost James Ausman in 1978 when he moved to Henry Ford Hospital in Detroit to succeed Bob Knighton as the Chairman of the Neurology and Neurosurgery Department there. We have been rather deliberate in finding somebody to replace Jim. So far we have not succeeded in finding that special person. My own professional highlights last year include the Presidency of the Senior Society, which of course, was a distinct honor for me and for my institution, the University of Minnesota. We had a superb annual meeting in San Antonio, hosted by Jim and Joannie Story. We also hosted the American Board of Neurological Surgery meetings and examinations in the fall of 1978, and again in the spring of 1979. There were 120 candidates coming through and for each meeting there were 26 examiners and officers of the Board. I am pleased to say that with the help of my secretary, Susan, the meetings went off without major interruptions, other than a false fire alarm. I completed my term on the Board following the spring meeting this year. It was both a happy and sad occasion for me. Happy because I should have a little bit more time to myself, and sad because I will miss these fine and dedicated friends on the Board.

On a personal level my three children are all off to college. One has expressed some interest in going into medicine. In early July my daughter and I went back to China to visit my family. My mother is 80 years of age this year, and as a birthday present I bought her the first color television set for private use in China. While there I had the opportunity of contacting the Chinese Ministry of Health, the Chinese Medical Association, and the American Embassy, trying to set up an exchange program in neurosurgery. I feel that we may have accomplished something concrete this time, and hopefully, the plan can be implemented in 1980.

I am looking forward to going to Memphis to the Academy meeting this fall. I regret that I was not able to attend the Munich meeting, but I am looking forward to seeing you all in Memphis.



Gale and Marlon

CLARK

Marion and I regret being unable to get to Munich. We had reservations completed but Marion was unexpectedly ill and we had to cancel — she is doing well enough now so that we are hoping to make it to Memphis where I had duty in 1944 after returning from one and a half years in the South Pacific. We made a recent trip to the Grand Tetons with the Boldreys to attend the Rocky Mountain Neurosurgical Society meeting which included scientific papers every morning to about 1:00 PM — free afternoons — and then a party or barbeque or banquet at night.

The Navy is holding its own and has 31 neurosurgeons on active duty. It is probably better off than the Army or the Air Force. So that they could have adequate coverage, Bob Harris from Shelly Chou's program was assigned to Brooke Army Hospital — an assignment not altogether to his liking. There are 7 certified men in the Navy — 13 are fully trained and standing in line to take Boards — and there are 11 men in training. There are 7 Navy Hospitals with Neurosurgery Services. The training at Bethesda takes on two new men each year and there is a waiting list. Older vintage CT scanners have been ordered for Yokosuka and Okinawa and neurosurgeons are no longer assigned to these two spots. Kemp Clark (my kissin' cousin) made a Pacific tour for the Navy and came back saying he was distressed by low individual morale and wrote a letter that Henry S. published in the JNS. The Navy offered tours of duty to inactive reserve physicians for a 30, 60, 90, or 120 day period. They were hoping for 200 doctor weeks but the response was so good that 400 doctor weeks was possible. This will sure help the summer's expected shortage ashore and at sea. We miss Buzz at the University but expect him to come back in January from Queen's Square with new basic approaches.



Donald and Ellie

COBURN

A few lines regarding the Coburns.

As of June 1, 1979 we moved from Kansas City to Wilmington and are living in the Devon. I have joined Doctor Pierre L. LeRoy as a consultant in neurology and neurosurgery and will primarily be in the office, though will have some court work — but no hospital work. As everyone probably knows, Dr. LeRoy is deeply interested in the chronic pain problems and heads the Delaware Pain Center at Newark, Delaware where both of us go once a week. His office is in the same building in which I live — Devon Apartments.

Ellie is fine, happy to be back here as she came from here and is thoroughly enjoying all of her family here. Nancy, her oldest daughter, lives in San Antonio and has a five year old daughter, Nicole. Susan, her younger daughter is married and lives in Denver and handles advertising and public relations work for a large financial institution. Nancy just received the Award of the Year (1978) from Southwest Airlines for top employee — she has been with them for close to ten years.

Shari, my daughter, is still in Los Angeles, married to Wilford Godfold, Jr., a member and partner in the corporation law firm of Gibson, Dunn and Crutcher. Their older daughter, Sheila, starts at Stanford this fall and has excelled in sports of several kinds and teaches swimming during the summer. Bryan, their son, attends Harvard in Los Angeles, is 15, and 6 feet 4 inches. He has been quite active in baseball, football and now volley ball. Lauri, the baby, is 13 and at Marlboro. She is a tennis and swimming enthusiast. Fortunately, all of them have been good students. The whole family retreats to a cabin they had built for weekends and vacations, about 2½ hours north and west of Los Angeles. Woody (father-attorney) plays volley ball at the beach every chance he gets. He is a former champion surfer from Honolulu (but his parents were from the U.S.).

I have been very fortunate and had no trouble from the acetabular and pelvic rami fractures I incurred here in 1972. Have done no surgery since and show no signs of an aseptic necrosis to date. I am enjoying the new type of work, as after 4½ years with Disability Determination Unit, I was saturated.

Ellie joins me in best of wishes to all in the Academy.

Edward and Elise

CONNOLLY

The past year has been very busy for the Connollys, both professionally and family-wise. This past year I was elected to the Board of Management of the Ochsner Clinic which is the seven-man committee which makes all the substantive management decisions for the Partnership and the Clinic. The term is for seven years with possible re-election if you are still alive or still have any friends at the Clinic at the end of the seven years.

On the homefront, the children (all six of them) continue to grow and develop new worries for their parents such as driving automobiles, dating girls, and all the other problems that go along with adolescence. We have just completed a family room addition to our house, and you would have thought we built the Taj Mahal, both by the bill and the length of the construction, but I must admit it has turned out very well and I am sure will be a great source of pleasure to the entire family for years to come.

Looking forward to seeing everybody in Memphis in November.

Courtland and Marilyn

DAVIS, Jr.

Truchman in *A Distant Mirror* has stated, "In individuals, as in nations, contentment is silent, which tends to unbalance the historical record."¹ The everyday peaks and valleys of a busy teaching/practice service are well-known to every reader of *THE NEUROSURGEON*: they will be passed over even though they occupy much of my awake time and energy.

On the other hand, Marilyn's entry on a course of chemotherapy has helped me discover that there is "life after work" and that my time when not at work or on call should not be dissipated at the hospital or in related work. In fact, the time and refreshment of the family together increases my efficiency and caring in the office and hospital setting. In a way, I am reminded of the oft expressed statements of friends rehabilitated after a myocardial infarction, "I wish I had learned to live this way before."

In other things, I continue as one of the appointees of the Dean to the Medical Center administration; this requires many meetings and particularly involvement in planning, budget (as related to capital equipment expenditures), and planning for expansion of computerization. A commitment to PSRO, now nearly two years in progress, has resulted in a relatively smooth-running retrospective medical audit system for our northwest North Carolina area. We are progressing from the often sterile outcome-oriented MCE to the more productive and interesting generic process audit. Cooperation and participation by all of the area hospitals reflects, in my opinion, a feeling of responsible (if often skeptical) citizenship, and the assured (or non-threatened) air of competent practitioners. My other area of academic and physician citizenship has to do with our state-wide program of voluntary effort in containing the costs of health care. I only wish our governmental leaders would put similar effort into containing the governmental contributions to our cruel and uncontrollable inflation.

Dave Kelly is now running our service and the Congress of Neurological Surgeons. Eben Alexander is as busy as ever and very much involved with the AMA and its committees — they will speak for themselves.

All in all, I believe we agree with Petersdorf, "If we cherish the values that attracted us to medicine — high level scholarship and excellent care for patient — we must become involved in academe's role in the public arena."²

¹ Truchman, Barbara W. *A Distant Mirror — The Calamitous 14th Century*. Alfred A. Knoff, New York, 1978, p. 210.

² Petersdorf, Robert G. The Academic in Washington — Worthwhile Effort or Waste of Time?, *The Pharos*, Summer 1979, pp. 2-8.



Richard and Phyllis

DeSAUSSURE

Phyllis and I were sorry that we did not contribute to THE NEUROSURGEON last year, but unfortunately the year 1978 was rather unfortunate for us. It began Easter when my mother unfortunately developed painless jaundice. From then on her course was progressively downhill. Fortunately, she had no real pain and passed away comfortably.

We were beginning to settle back into our routine when Phyllis fell out of the back door and suffered a severe fracture of her left elbow. Unfortunately, it was necessary to remove the head of the radius and this, of course, has limited her activities, but she is slowly regaining movement in her left arm.

Later in the summer, however, things began to improve and our oldest daughter presented us with a fine young grandson. Lifting the baby has been good therapy for Phyllis' arm. We are following the ranks of all grandparents with lots of pictures and the conviction that there has never been as fine a baby as this.

The year 1979 has showed evidence of improving. Our son is doing quite well in law school and has completed his second year. Our youngest child and daughter has just received an engagement ring from a young man that we have known for sometime. We are very pleased with this engagement.

The office continues to function in a satisfactory manner with enough interesting cases to keep all of us alert. My most recent one was an individual who had a sudden episode of hemiplegia and showed evidence of deteriorating. A CAT scan appeared to show a typical intracerebral hematoma. This did not appear to have any unusual characteristics when it was removed, but to my surprise it proved to be a metastatic tumor. Repeat lung films demonstrated a small tumor which had not been seen on the film made as he came through the emergency room.

We are looking forward to having the Academy in Memphis in November. November can be a beautiful time of year and I hope that we will be fortunate this fall.



Hans Erich
and
Karin
DIEMATH

The years seem always to pass faster and faster. We did regret very much having not been able to meet our friends from the Academy at the Congress in Munich, but at the very time we had to attend a meeting in Vienna where a very dear friend of Salzburg was President of the Van Swieten Society and we all had to join him with our papers there.

For the first time we had not spent Christmas at home but with our relatives in Graz. The winter here was hard and long — until June it was snowing every month — but then it became very hot and dry for some weeks and now we are back to our famous "Schnurregen". The family is well. Karen, our eldest daughter has finished her third year in medicine in Graz. Hans Peter has only one more year left at school and then he probably will choose a branch of the University of Agriculture and forestry. Maren Christina, our little girl, is very vivacious, gay and healthy like a fish in water and naturally keeps the whole family busy, especially her mother.

The department is running well. The number of operations increased this year by 20% over last year, mainly more operations on trigeminusneuralgia, discs and brain tumors. We had a change in my co-workers: my former first man had to be gone, the new man is Doctor Strohecker, a real help and doing quite well.

Since January 1, 1979, I had been made "Hofrat" by our government — the highest position you can reach being employed by the government.

Our farm grows with all the fun and the sorrows you have with it, as we have a farm with greenland and cattle and this has to be watched and guarded and of course there are also problems with the farmworkers.

As we shall get a second Computer-Tomograph in Salzburg, we had been travelling a little around the world in order to get a "brand new" model. Therefore, we also had been in the States in June where we could see Doctor Mullan in Chicago and our friend, Professor Schwartz in St. Louis.

At our research program we will work on electrophysiological examinations in trigeminusneuralgia as well as in brain pressure research, mainly in severe head injuries.

The political situation in our country calmed down — even the attacks against doctors seem to become less and weaker. Being a surveyor at court, I also could see that the liability processes which never have reached the amount of those in the States are becoming less now too.

Our holidays we shall spend in the Southtyrol and later in South Africa in October-November.

To all our friends in the States we wish all the best and we hope to see you in Salzburg.

R.M. Peardon and Francis

DONAGHY

The past year has seen many changes in our lives. Although Les Wallman became chairman of our division in 1976, our activity changed but little at that time, as our roster of personnel remained the same. Les resigned the chairmanship, however, in October of 1978, to devote more time to a new course in the History of Medicine. Henry Schmidek of Philadelphia became chief on October 1, 1978. Both Les and I are enjoying a somewhat reduced schedule and the happy spectacle of Henry's boundless energy and enthusiasm reflected in the residents and division workers.

In the past year we have avoided travel whenever possible to give time to scholarship and writing, which is overdue.

The advent of the *Journal of Microsurgery* lends another avenue for the utilization of any excess energy.

We shortly contemplate moving to a spot outside the city where we hope to devote ourselves to the occasional consultation, writing, and to the bit of farming so much a part of the life of every Vermonter.



Charles and Ruth

DRAKE

Because of a number of commitments, I have managed to miss the last two or three Academy meetings but am looking forward to the meeting in Memphis this Fall.

The four Drake boys continue to please Ruth and I. John, the lawyer who seems to be getting involved in business ventures too; Jim, the physician who is doing a straight internship in Medicine; Stephen, the economist who has opted for the auto parts business; and Tom, entering his final year in Engineering at the University of Toronto.

Ruth now has two grandsons and a third on the way. They are the delight of her life.

The Sims Travelling Professorship for the English College of Surgeons was a remarkable journey for Ruth and I — two weeks in New Zealand, six weeks in Australia, and a month in Malaysia and India. Our reception was royal in every centre. By using the drinking man's diet formula, we managed to come out on top in the entertainment problem even though we were entertained at lunch and dinner on almost every day of the three months. We found the trip demanding but exciting. We were rewarded with a five day holiday on Heron Island on the Great Barrier Reef. Also, I was put on water harboring huge New Zealand or Tasmanian trout but I could not get one to take a fly. On Lake Pedder in Tasmania, the brown trout average 10 pounds! I was heart broken.

With my eldest son John, I now have a new Cessna 310. It is a 1973 Q model with good radio DME and an auto pilot, luxuries I have not enjoyed before. What a difference from my old B model which was over 20 years old. It is a delight to fly.

Looking forward to seeing you in Memphis.



Dean and Fran

ECHOLS

It has been a long time since I attended a meeting of the Academy and visited with my old friends. Most of the news that comes to me is through THE NEUROSURGEON.

Fran and I are in perfect health and enjoying life. She has retired from her real estate business and I work only four hours a day at the Veterans Administration Medical Center, which provides a part of Tulane's residency program for neurosurgeons. This gives me a great deal of pleasure — I even get to be first assistant at operations for a few months of the year when one of the two residents is away on other assignments or vacation.

In June, we attended the Howard Brown's 50th wedding anniversary at their club in Walnut Creek which is in the hills northwest of San Francisco. Dorothy is beautiful and Howard is still handsome. Their innumerable grandchildren and countless friends made for a great party.

Fran and I travel several times a year to both San Diego and Connecticut to visit with our children and grandchildren. Fortunately our older daughter, her husband and our fifth grandchild live near us and we can see or talk with them daily.

Since computerized tomography has revolutionized our specialty, the following reminiscence may be of interest.

When a brochure describing computerized tomography of the head came to my attention in January 1973, I wrote for an appointment with one of the salesmen of the E.M.I. Company (Electrical Musical Instruments) and took a plane to London. The agent gave me unlimited time and information and arranged a delightful luncheon with Mr. Godfrey Haunsfield, the inventor, and an afternoon with Doctor J. Ambrose at his hospital, south of London. As some of you know, radiologist Ambrose is a delightful person and host. The scanner which he had at that time was the original one and did not have a computer. Each day he had to send the "tapes" to be processed in the E.M.I. plant, north of London. Among other things, Ambrose showed me what was being accomplished by a variety of enhancing agents. Incidentally, the gossip was that several university hospitals had declined to experiment with the first scanner, but I was reluctant to ask anyone if this was true.

The second E.M.I. scanner was on a world tour of radiology conventions when the Mayo Clinic snapped it up while it was on exhibit in Chicago. However, the unit had to complete the tour and return to the factory to recover from the wear and tear of travel.

At the E.M.I. plant, they showed me the third and fourth scanners in different stages of assembly. More than a dozen orders were in by this time and a large room was in the process of being cleared for a long assembly line.



George and Lari

EHNI



The meeting of the Academy in Munich with it's Zurich prelude and it's Romantic Road postlude was one of the best events Lari and I have ever attended. The arrangements could not have been more perfect starting with one of Gazi Yasargil's residents meeting us at the Zurich airport by Caroline, surely one of the best tour guides in Germany. Professors Busse of Würzburg, Penzholz of Heidelberg, and Schurmann of Mainz and their wives made sure we never had an idle or unenjoyable moment. At Frankfurt, Lari, Nikki and I rented a car and drove south to Baden-Baden, Freudenstadt, Buhlerhohe, a lovely hotel deep in the Black Forest, and then to Strasbourg, Comar, Riquewihir, and Illhaeusern before heading home via Bingen, Rudesheim, Lorelei, and Frankfurt.

This Spring we were in San Antonio for the Texas Chapter meeting of the American College of Surgeons enjoying the hospitality of our neurosurgical friends there and a month later were in Hilton Head for the Southern Neurosurgical Society Meeting. We attended the San Antonio meeting of the Society of Neurological Surgeons and the April meeting of the AANS in Los Angeles. In May and June we attended the Neurosurgical Society of America meeting at the Greenbrier, spent a night in New York, and then went to Goteberg to attend the meeting of the International Society for the Study of the Lumbar Spine where I became President. After a lovely week there in the Swedish springtime we went to Edinburgh and explored that city as well as Scotland to the north by automobile before getting home without a hitch, though the DC-10's were grounded. British Caledonian Airway's direct flight from Gatwick to Houston employed 707's and no passenger was even slightly inconvenienced. All this travelling is made possible by having two fine private practice associates, Robert Levinthal and Richard Harper, and by having resigned as Head of the Division of Neurological Surgery at Baylor effective on my sixty-fifth birthday on February 18, 1979. I told Baylor of my intention in the

summer of 1978 and a search committee was named but no new permanent head has been found. Bill Cheek, who was my guest at the Senior Society meeting in San Antonio, is acting head and doing a splendid job. My associates and I who remain on the unqualified Baylor faculty continue to teach.

Lari still "stitches" enthusiastically and frequently exhibits her work in competitive and invitational shows. Our daughter Melanie has begun her second year as a medical student at the University of Texas, Houston, and Bruce is a third year resident with David Kline at LSU. Captain Bruce, our Army son, just began a tour of duty in Germany. Nikki resigned as Fine Arts Museum shop manager and is working on a clinical research project following up over 4,000 cervical disk and spondylosis patients in preparation for a book. Scott is organizing a manufacturing business, supplying specialty items to the oil industry, and we are looking for a warehouse or light manufacturing facility to buy so that his business can be accommodated. George and Margo remain in Dallas with their families.

Our neurosurgical enterprise, The Neurosurgical Group of Houston, will take on another man soon and will move to a new office building connected with the Methodist Hospital. It will be strange leaving the Hermann Professional Building where I have had a private practice since 1949, but we think it advantageous to be in the newest and most prestigious building with space to permit us to proceed with the development of a quality group practice in neurosurgery.

William and Faith

FEINDEL

Last September, Faith and I had the great joy of welcoming many of our former Fellows, wives and old friends at the MNI to our III Foundation activities. The main feature was the opening of the great working memorial to Dr. Penfield, the new nine story Penfield Pavilion. It starts on top with a penthouse which is an enormous factory-like collection of machinery dedicated to maintaining our homeostasis. The top three neuroscientific floors have allowed us to expand from twelve to twenty-five research laboratories or units. The Cone Laboratory for Neurosurgical Research, for example, has expanded from our three cubby holes where we worked over the past twenty years to the whole floor of the new pavilion with an animal operating room larger than our clinical theatre serviced by updated computer and radioisotope resources. Peter Gloor has expanded his research teams in clinical and experimental neurophysiology with two PD11/60 computers to handle the experimental work in epilepsy, long-term recording of epileptic patients and other projects such as our cerebral blood flow metabolism methods. Another floor is dedicated to neuroanatomy where projects on new tracer techniques for anatomical pathways and chemical studies on neuronal pathways involved in circulation control are in progress. The Donner Laboratory for Neurochemistry has doubled so that Leon Wolfe and Hanna Pappius can expand their research. This has been a successful venture over the years being set up in 1952 with an initial grant of \$20,400 a year which covered the salaries of the neurochemist, his assistant, two technicians and all the research costs. This past year, the budget exceeded \$350,000 — a fifteen-fold increase.

We have a well-monitored new intensive care unit, but we still consider the expert neurosurgical nurse as the best of all patient monitors. The three new operating rooms are equipped with x-ray, radioisotope, EEG and some very fancy photographic facilities which Charlie Hodge is installing. These will be joined directly to Dr. Penfield's original theatre. I am happy about keeping that

since some 2,000 patients have been operated upon for focal seizures. This series has been keeping Ted Rasmussen busy on the annual post operative follow up study. Our positron camera, the first to use the new bismuth germanate crystals, has now sampled topographic blood flow in many hundreds of patients. It was especially useful in measuring flow in John Little's surgical bypass series and demonstrated for the first time in this operative procedure, improvement of flow in the opposite hemisphere. The first Japanese mini-cyclotron will be installed in the basement of the former sports house behind the Institute within the next few months. This will provide the short half-life isotopes for metabolic labeling in epilepsy, stroke and various neurochemical disorders.

Don Tower and I just returned from an intensive survey of neurological and neurosurgical units in Peking, Tientsien, and Shanghai with a brief visit to Tokyo to check on the progress of the cyclotron. We will be publishing our notes. However, two interesting points are the fact that there was only one CAT scanner in China at Shanghai and that bone flaps removed during the period of cerebral swelling are kept under the abdominal skin until ready for replacement — a neat tactic that solves the storage problem.

In Tokyo early one morning, Faith phoned from Montreal to announce the birth of our first grandson in London, Ontario, where Christopher and Susan are pursuing a joint programme of surgical residency, fine arts and evidently procreation. Since it was Thursday in Tokyo and Wednesday in Ontario, the Mago (grandson in Japanese) was already one day old when he was born. No doubt this will give a head start, and to celebrate, one of my Japanese friends wrote out a prayer for good health on an "Ama", a wooden plaque, which we hung on a prayer panel of the shrine overlooking beautiful Lake Hakone overlooking Mount Fuji. This should cover him until he gets baptized and who knows, perhaps a bit longer.

Faith continues her satisfying work as a surgical float nurse at the Montreal General Hospital just around the corner from our apartment. Pat, our oldest daughter, works in the highly competitive media world in Vancouver. Christopher completed some xenon blood flows studies on pigs' coronaries during his laboratory year at Western Ontario. Alex and Ling are keeping the Bank of Montreal and Chinese literature going with translation of Chinese poems and classical ghost stories. Janet is an actor apprentice at the famous Stratford Festival Theatre and has been immersed in four Shakespeare plays this season, all of which we viewed on our holiday. Michael is immersed in English literature in Toronto and Anna is a student at the MNI this summer. At the time of this writing, all were present and accounted for.

With warmest regards.

Robert and Connie

FISHER

After the delightful meeting of the Academy of the German Society in Munich, Connie and I then rented a car, a Fiat, and we went down to Salzburg, Innsbruck, Brenner Pass, Florence and Rome, eventually coming back from Rome. I suppose one of the most striking things that we encountered was the beauty of the lower Alps, the potential ski areas, and actual ski areas, and all of the magnificence of Florence and Rome.

As to the developments in Central New Jersey — Rutgers Medical School — we are beginning to start to put things together, I must say it is awfully early. We are encountering tremendous problems, politically and financially still, but we seem to be far more encouraged than we ever have before. I have gone with the Medical School on a geographic full time basis, and we are beginning to recruit other members in Neurological science. I am quite convinced that we have succeeded in obtaining Dr. Roger Duvoisin as Chairman of the Department of Neurology, and I am in the active process of recruiting others in Neurosurgery. Our university hospital is being reconstructed from one of the private community hospitals in New Brunswick and a Medical Education building is being started along side of this hospital.

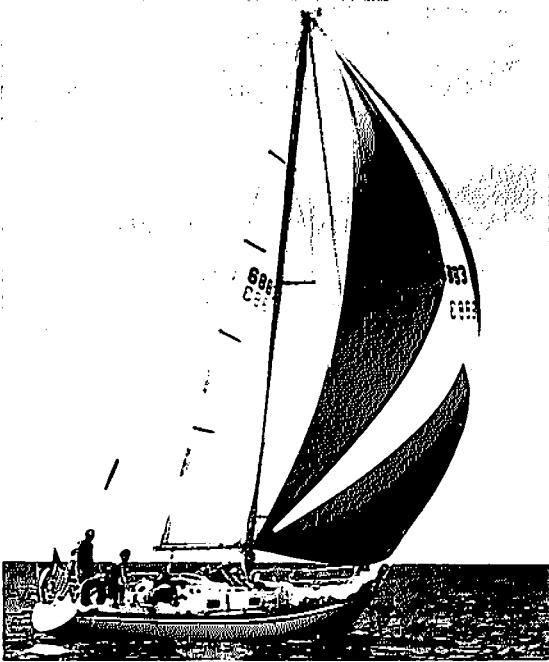
My individual practice continues heavy, and I am very pleased with the nature of the cases that seem to come in, and in this respect certainly as things seem to be changing along with the entire picture of practice in this area.

Larry and Angeline Poole were down to speak before the New Jersey Neurosurgical Society. We had great fun having them together for unfortunately too short a period. They both seem very healthy and vigorous, and Larry seems to have so many irons in the fire that he is running Ernie Mack one hell of a pace.

We heard indirectly from Jess Hermann, and I believe that this was related through a letter that came out from the Oklahoma Alumni Neurosurgical Association, or whatever they term themselves. The Hermanns managed to stagger through a very difficult Arkansas winter and Jess Hermann made one of his classic comments that, "there were three men whose historical accomplishments managed to cause his survival this past winter: These men were Thomas Edison, Alexander Graham Bell, and Jack Daniels." Both of us laughed for quite some time after we heard this about Jess. We do get a Christmas card from them. I sure wish we had the opportunity to see them.

Fortunately, our family stays healthy. Carol and her youngest daughter are with us at the moment. We have three grandchildren, a boy and two girls, and our youngest son Bob is living with us at the moment. Bob has changed our concepts of music radically and very sophisticated jazz takes precedence over Sibelius, Brahams, and Beethoven.

We are all looking forward to the meeting in Memphis, and we are putting in our bid right now to Dick De Saussure to have out the company liquor instead of the cooking liquor.



**Richard
FRASER**

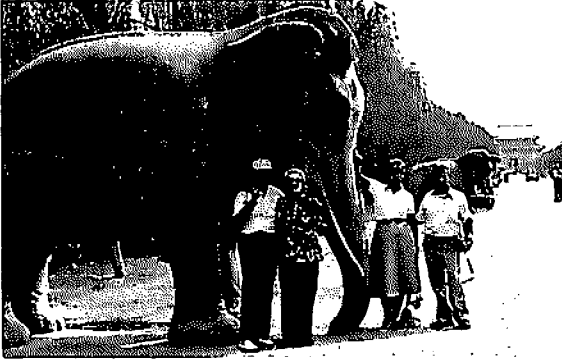
My work first.

An unusual opportunity — to participate in a randomized prospective study on the incidence of intraventricular hemorrhage in unselected premature infants. To our astonishment (and dismay) 70% of infants, weighing under 1500 grams and requiring assisted ventilation, displayed evidence of a bleed. Their outcome is poor. It is our belief that this is a syndrome largely revealed by (and perhaps partly caused by) vastly improved premature intensive care. If our data is at all representative of the nation then we have a new health problem (most of these infants previously died) of huge dimensions — and a major contributor to the so called "cerebral palsy" population.

An exercise — in debunking many of my own conceptions and misconceptions about vasospasm — preparation necessitated by a review talk for the Amsterdam meetings this summer. A neutral view of past laboratory research, our own and many others, leads inescapably to the following notions: (1) No laboratory model so far described has replicated (even closely) the human condition (2) As a consequence or in addition no "vasolytic" therapy exists. There is a pressing need for a vasospasm model, one that sufficiently parallels the human condition, so that therapeutic agents can be usefully tested. To our mind all prior vasospasm models are experiments in acute smooth muscle constriction — useful ones to be sure, but not models of vasospasm.

In the meantime I've been attempting to master a new "play" skill aviation — and have thoroughly enjoyed the discipline and liberation of learning to pilot a plane. (Instrument rating is the next hurdle). Also by a strange turn of events I have a plot of Nantucket land that makes flying more of a necessity than a frivolity. I have so far ignored the frequent comment that "the only person more dangerous than a hooker with a camera is a doctor in an airplane."

Am looking forward to seeing you all in Memphis.



John and Dorothy

FRENCH

On June 1, we returned from a month in Asia and therefore perhaps a logical place to start would be to mention the Peoples Republic of China and ports of access (Tokyo) and exit (Hong Kong). There was a striking contrast between the latter cities — prosperous, modern, urbane, busy — with Peking, Shanghai and Canton — overcrowded, out dated buildings (including hotels), archaic housing and transportation systems of decades ago. Higher education, in particular, has been badly smitten: apparently, no university in the country awards a baccalaureate degree; there are no graduate divisions for advanced training in the arts and sciences. In essence, the educational system has been destroyed by the loss of two generations of young scientists, professionals and scholars. This loss will require many decades to repair because language instruction is poorly developed and quality education has been unavailable for too long.

The Chinese Academy of Science appears to be responsible for all scientific endeavors in the country and may be somewhat better off than the universities. In Shanghai, I visited the Institute of Physiology under Professor J.P. Feng (trained in England by A.V. Hill) and Professor Hsiang-Tung Chang (trained by John Fulton at Yale and Lorenta de No at Rockefeller Institute). These two outstanding men, together with some 70 younger investigators, have conducted first-rate studies in the neurosciences under extremely difficult circumstances.

We considered the China visit to be an unforgettable adventure and would have not missed the trip for anything. On the other hand, we have no plans to return soon.

On the "home front", I am pleasantly busy at UCLA in what is called "active retirement" (chiefly fund raising and writing). Dorothy is busier than ever: painting is probably "number one" — her show in Palm Springs in April was a hit; she sold all but five of 34 paintings displayed. Golf is important too: she is a regular at Bel Air and does the "tour" as well; the Colgate-Dinah Shore tournament at Palm Springs, and the Kemper Classic at Pinehurst; the American Heart Association tournament in San Jose etcetera.

In addition, Dorothy finds time to practice her profession on occasion; e.g., a Tosca at the Met some months ago and an orchestra recital in Flagstaff on July 30. She joins me in sending best wishes to all members of the Academy.



Lyle and Gene

FRENCH

This has been a fairly busy year in the French family. We were sorry to miss the 1978 meeting, but we are surely looking forward to the Academy meeting in Memphis — we'll be there!

I guess the high point of my administrative job this year is that we have finally dedicated the principle building which houses the medical school departmental office, research space, and the hospital ambulatory care clinics. This basically completes our \$150 million building program and, frankly, I am very glad it's done and over. We now fundamentally have new space for the schools of medicine, dentistry, nursing, pharmacy, and public health as well as the new outpatient clinics.

Gene and I have spent several weeks this winter at our place in southern California, mostly playing golf and swimming. The photograph shows a foursome of intrepid golfers. The golf wasn't so good but the weather and wine were excellent.

As you know, all of our children are married and have their own homes. They all seem to be very happy in their chosen occupations and, frankly, they are all reasonably successful so that Gene and I have that part of our lives out of our way. As a consequence, we have more time for recreation, other frivolous things, and we are both enjoying it.

John and Barbara

GARNER

We greatly enjoyed the meeting in Germany, and particularly, the post meeting tour. Arthur Ward's urbanity and diplomacy allowed us to fully enjoy the typical German hospitality.

The year has flown by with amazing rapidity but fortunately without any major professional problems. As usual, mine is the last letter to be typed for inclusion in THE NEUROSURGEON and so I find it difficult to preach on the subject.

I would like to thank all those who responded promptly to our solicitation for material and almost as heartily thank those of you who sent material near the end of our printing deadline.

It seems that the number of active members who are contributing to THE NEUROSURGEON is dwindling and I feel that at the Memphis meeting we should again reassess the advisability of continuing publication.



**Professor F. John
GILLINGHAM**



The Department of Surgical Neurology in Edinburgh is in the midst of change and I suppose it is at least stimulating. Ted Hitchcock has succeeded Brodie Hughes as Professor of Neurosurgery at Birmingham University in England and took up his appointment last October. We miss his dynamic personality very much after fourteen years in the Department. James Steers has succeeded him as Senior Lecturer and his main interests are in the surgery of cerebral vascular anomalies and disease and acute spinal cord injury. James graduated from the Middlesex Hospital in London, did his early training with Antony Jefferson and then came to Edinburgh. In October 1977 he went to Frank Mayfield and John Tew for further experience in microvascular surgery followed by six months with Phanor Perot in experimental and clinical work on spinal cord injury. This whole period was much enjoyed by James, Rosemary and their family and has, of course, been of great benefit to us.

As some of you know I have been on the Council of the Royal College of Surgeons of Edinburgh for some years and am greatly interested in Specialist training. The College this September is having its first examination in Surgical Neurology — a big step after nearly 475 years!! More changes too in that great Institution with its 10,000 Fellows (7,000 overseas) because I am now President Elect for three years from October 1979. Perhaps this is a sign of the times and although some might feel that general surgery is disintegrating into the specialties, I would see it as the re-integration of Surgery with all the specialties coming together as vigorous partners. Of course surgery in the peripheral hospitals in Britain will always embrace the broad field of surgery in general and thus will remain the largest specialty but sometimes Orthopaedics looks like overtaking it.

This new and exciting post will involve Judy and me in a good deal of international travelling with the other Colleges to North America and also to Australasia. We have done rather well in the past year with our third son's wedding in New Zealand last September with Vancouver, Mexico City, Honolulu and Houston en route. Houston and Galveston at the time of the Greenwood lectures provided charming and generous hospitality at the hands of Jim and Mary, Bob Grossman and Patrick Kelly. A visit to Mexico and Velasco Suarez and Francisco and Mercedes Escobedo is always memorable and as usual they were marvelous to us.

We have two grandchildren now and a grand-daughter at last in this predominantly male household! Needless to say she is special. We all thrive with yet another son's wedding this August.

I am writing this in Karl Bushe's house in Wurzburg just after the European Meeting in Paris. He and Eva keep marvelously calm in the face of all their work for the World Congress in 1981 in Munich. His department gives the clue — quiet, efficient and thoughtful organization but the Academy knows all about that!!

Some sailing in Spain in August followed by the European Course of Neurosurgery (Trauma) should set us up for a busy autumn.



Phillip and Silvia

GORDY

Silvia and I continue to enjoy our life here in Casper. As a result of the energy crunch, the state of Wyoming and the Casper area in particular, is growing by leaps and bounds. There are some advantages, I suppose, to this. However, we enjoy having a busy practice of neurological surgery in a relatively small area. It is still possible for us, however, to get in the car and within a relatively short period of time, be out in the boondocks where we can photograph wildlife, hunt arrowheads or pursue some of the fascinating historical aspects of Wyoming.

Silvia has put out several issues of a magazine entitled "The Wyoming Country Scene". This is a small magazine in which historical and cultural aspects of Wyoming life, both past and present, are covered together with schedules, announcements and special historical events either by her or by special contributors. There were also sections on book reviews of books particularly concerned with Wyoming history and art, poetry and western art. A number of well-known and pre-eminent western artists contributed material for her use in the magazine. It was very well received, though it kept her working much harder than I wished, considering that she is also my full-time helpmate in the business end of my office.

Whenever we find the time from the practice, we can be found touring the beautiful state of Wyoming in our camper or somewhere out in the boondocks hunting for arrowheads. With the present transportation problems, most of our vacation time has been confined to Wyoming. However, where could one find a more beautiful spot to vacation?

Since our last contribution to THE NEUROSURGEON, I have gone back to a childhood interest and have begun starting to relearn to play the violin. I am also underway in making one in the shop. Silvia has developed an interest in photography and is doing very well at wildflower and scenic photography. We enjoyed our recent meeting in the beautiful city of San Antonio, and the opportunity to see all of our old friends there. We will be looking forward to the next meeting.



John and Georgia

GREEN

I am pleased to report that all members of our family seem to be thriving in this complex world. Georgia's year has included considerable success with her paintings, tennis, cross-country skiing, and since Christmas, 1978, an increasing proficiency with her newest challenge, golf. Our 27 year old son, Charles, seems to have found an exciting challenge in installation and maintenance of security systems in banks and is based in Minneapolis. Our 22 year old daughter, Gretchen, having completed two seasons as a wrangler on Laurance Rockefeller's J-Y Ranch, experience as a chef in several Arizona resorts, and two years at Northern Arizona University where she was also an instructor in horsemanship, announced her forth-coming marriage in September. Georgia and I had the announcement party at the Phoenix Country Club and are very pleased about her young man. They will live in Flagstaff, Arizona.

Our 1979 Symposium on Critical Care of Neurosurgical Emergencies at Camelback Inn was highly successful, thanks to an excellent faculty, including Academy members Shelly Chou and Ross Miller. Raven Press will soon have the publication available. We anticipate that the 1980 BNI Symposium, February 7-9, at the Hyatt-Regency Hotel in Phoenix will be most interesting. The topic, New Perspectives in Cerebral Localization, will be covered in three phases: (1) Functional Neuroanatomy, with Drs. Angevine, Bizzi, Pollen, and Galambos, (2) Special Studies, with Drs. Chiappa, Milner, Reivich, and Raichle, and (3) Clinical Applications, with Drs. Rubens, G. Ojemann, Rasmussen and Sweet. I hope that a number of members of the Academy will be able to join us in February.

We are pleased with the large number of excellent senior medical students who are coming to us from a number of schools for a month's Elective in Neurosurgery. During the past several years we have been appointing all of our residents from this group and have yet to be disappointed in this selection process.

Three excellent individuals commenced their research activities with us on July 1, 1979. Dr. Daniel A. Pollen came to us from Massachusetts General Hospital to become Chairman of the Division of Neurobiology and also of the BNI Research Coordinating Committee. He has brought Dr. James Chen from the University of Texas in San Antonio to establish a Neuroendocrinology Research Laboratory. Dr. Dan Kenshalo, from the University of Texas, Galveston, has joined my associate, Dr. Andy Shetter, in the Neurosurgical Research Laboratory as the first James R. Atkinson Memorial Pain Research Fellow. Russell Carey comes from Duke University in September to join Dr. Pollen and our group and to establish an Epilepsy Research Laboratory. Fortunately, all of these individuals are funded by endowment and project funds. We are very gratified to see this surge of additional neuroscientific research develop in our midst.

I have just completed a BNI Progress Report, the first in several years, and will send it to members of the Academy and other friends, rather than to discuss the development of the BNI in more detail at this time.

Georgia and I look forward to seeing you in Memphis.

James and Mary

GREENWOOD

I am enjoying a more relaxed practice. My golf game has not only not improved but has slipped back a little bit. I tend to believe, as Mary says, that golf is only a game. Our family does not increase as rapidly as it did, but we still have sixteen grandchildren, and each one is a different but delightful person, as you can imagine. The graduation of James Greenwood, V, in June, is our first high school graduate and surprisingly he latched onto the fact that he is the fifth James Greenwood in direct lineage, eldest son of an eldest son, etc.

My secretary of thirty-two years has retired, and Mary is helping (?) in the office and part-time she is still a gardener and helping with the weddings at St. John's church. This keeps her off the streets. She joins me in sending love to all of you, and we hope to see you in Memphis in November.

I was able to take part in the post-graduate neurosurgical course of the Cook County post-graduate group in February and ran into the coldest weather I have ever encountered in my life in Chicago. The maximum temperature was 3 degrees above 0, and the lowest temperature about 4 degrees below 0. It was great fun and not as bad as it could have been, thank goodness.

Our Search Committee has looked now for over a year to find someone to replace George Ehni as Chairman at Baylor. Bill Cheek is Acting Chairman at the moment and, although this is a difficult job, there are many interesting factors and we will eventually get someone, I feel certain, who will enjoy doing the work.

The gasoline shortage has put a crimp in the trips that Mary and I usually take every year by car, but we hope to get started perhaps this fall if things ease up a little bit and see some of the fall colors in the east.

Love to all of you from Mary and me.



John and Shirley

HANBERY

I am pleased to bring you up to date concerning neurosurgery at the Stanford Medical Center.

We now have five full-time faculty members involved in our neurosurgery program. Dr. Gerald Silverberg and I continue to be responsible for the major portion of the clinical work at the Stanford Medical Center. Dr. Frances Conley continues to supervise the program at the nearby Palo Alto Veteran's Administration Hospital. Dr. Richard Hamilton is in charge of the neurosurgery service at the Santa Clara Valley Medical Center in San Jose, which is an integral part of our program. Dr. Richard Britt has joined our full-time staff, and has developed a strong research program in our neurosurgery laboratory. He is currently working with two graduate students investigating the central pathways of the auditory system. In conjunction with members of our neuroradiology staff, he has also done some very nice experimental work on brain abcess, correlating CT findings with the histological appearance of the developing brain abcess.

Dr. Silverberg is continuing his research in chronic measurement of intracranial pressure, as well as the physiological properties of small intracranial arteries. Dr. Conley is continuing her research efforts in immunological studies of intracranial neoplasms.

We are enjoying our new latest model Zeiss operating microscope. Our Sony color television camera mounted on the microscope, with two color monitors in the operating room and a third in our neuroradiology suite has all been greatly enjoyed by members of the house staff, medical students and our colleagues in neuroradiology.

Shirley and I greatly enjoyed the Academy meeting in Munich last October with our German colleagues and were especially appreciative of our post-Congress tour that they organized. We look forward to the next meeting in Memphis in November.

Julian and Diane

HOFF

The major event for our family this year is a six month sabbatical leave in London, England, where Buz is a visiting Professor at the National Hospital, Queen Square. We spend the month of July travelling in France and Northern Italy. The trip is a once-in-a-lifetime affair, since the two girls are now 13 and 10 and 16 year old Paul will soon depart the nest.

In January we will return to San Francisco to resume practice and work in the laboratory.

I look forward to seeing you all in Memphis.

Ed and Marion

HOUSEPIAN

The past year found our department growing in staff and level of surgical activity. At the same time our Professor, Edward B. Schlesinger has become Emeritus upon reaching mandatory retirement age, so we are once again in the search process. By the time this is in print I expect the search will be over and I am confident that Dr. Schlesinger's successor will enjoy the support of his staff while warding off the "dual evils" of University and Hospital Administrations. While our departmental assets are strong and can be further consolidated in the areas of teaching and research, the multiple daily bureaucratic problems of hospital practice become more and more cumbersome.

I have continued to coordinate the Neurobiology Review Course which completed its second successful year and will enter its third in 1980. The medical schools in New York City continue to cooperate with the New York University inspired Neurosurgery-New York City Course which has proved worthwhile, well attended and fun for the faculty to participate in a cooperative venture of this kind.

I wish to announce that I have not become an ophthalmologic surgeon although I find I have been involved in many ophthalmologic meetings and symposia. One of the most enjoyable was attending the Neuro-ophthalmology Pathology Club Meeting in San Francisco. I was in the (?enviable) position of speaking in the name of all American Neurosurgery to our ophthalmologic colleagues. We finally passed the 200 mark in orbital tumor cases and finally published what I think are significant observations relating some clinical aspects of optic gliomas with morphology.

At the last minute Marion and I were unable to make the Munich meeting but enjoyed several brief trips including California (from San Diego to San Francisco) and a Research Society meeting at N.I.H. with sight-seeing in Washington, D.C.

The highlight of our year was the marriage of our oldest son who has given up "the range" for his bride and now resides in Cambridge and will be continuing his studies at Columbia in the Fall.



William and Charlotte

HUNT

This is the year of the energy crunch, the further loss of confidence and leadership, SALT talks, etc. It's also a year without any major wars going on, at least in the first and second worlds.

Ohio State is going through paroxysms of change which are, to the optimist, birth pangs and to the pessimist death rattles. It is probably the former. Our new inpatient clinical facility is in the process of being completed and the physical plant will be better than it has ever been before. The residency program is building up with excellent material. Carole Miller and Joe Goodman are making steady contributions to fundamental and clinical problems, but we all think we could do a lot more if it just weren't for the distractions that surround us.

One hopes that we will sometime look back and chuckle over the times when our attempts to maintain standards were attacked as being in "restraint of trade", while at the same time we have absorbed criticism for not keeping our standards high enough. One gets calluses on his vanity, but somehow I believe that we will not only survive, but prevail.

Charlotte maintains a continuing education course on what's going on in the world on the OP-ED page. Will has just graduated from law school at the University of Texas in Austin and has come back to small-town Ohio. David is married to a fine lady and is in training to be a neurosurgeon. Ginny is in the horse and leather business and is establishing herself as a strong modern woman.

The year has been almost too short to produce much news.



Wolff and Marie Claire

KIRSCH

The past year was an eventful one, particularly for the children. Claudia has distinguished herself by becoming an outstanding distance runner, and has won a variety of prizes as well as a scholarship to a private school here in Denver, Colorado Academy. Claudia took second prize in her age group for the Denver marathon. She staggered home exhausted, but won a beautiful trophy and can be justly proud of herself. Most of us get tired just driving 26 miles, let alone running that distance. Jonathan is blossoming into a tennis champ, and I suppose one definition of middle age is when you're youngest son starts to beat you in tennis. Daniel is working hard to become a computer expert, and our oldest son, Stan, continues work on his engineering degree at Colorado University.

The children did a good job running the house while Marie and I took an extended trip to Europe during the months of May and June. The latter included the Brain Tumor Symposium at Lake Garda, which was a truly delightful excursion. Lake Garda is a fiord in its northern extremity in the Dolomites, and an inland sea at its southern extremity. The hospitality of Michael Walker and Pietro Paoletti was, needless to say, quite elegant. In addition, I was a guest at the Max Planck Institute for Molecular Genetics in Berlin, as well as the Free University.

Our laboratory work with the identification of a new amino acid in ribosomal proteins that appears to be correlated with phases of the cell cycle has excited a fair amount of interest in molecular biological circles. When we made our first report, it brought our material to an eminent biochemist at Chicago University, who is an expert on ribosomal proteins. His question was, "Why weren't you out making money, instead of discovering artifacts?" Though I did not have a good answer at the time, the fact that the work has now been reproduced in

other laboratories and was a subject of a Federation Proceedings in October, 1978, has convinced us that we are on the track of something "white hot". We were honored to present our material at the Eighth Annual Steenbock Conference at the University of Wisconsin at Madison, and it was only appropriate that the discoverers of the amino acid, John Van Buskirk and Margaret Low, from my laboratory, presented their material. GLA is an unusual amino acid. It has previously been noted in prothrombin and bone, and it came as a rather disturbing notion that it might be present in bacteria and glial cells as well. The coagulation and bone protein experts now think the "neighborhood is ruined" by the intrusion of a neurosurgeon into their territory.

In addition, Dr. Jay Law has returned from his Van Wageningen research and is doing our pain and stereotactic procedures. He will be reporting on our experience with brachial plexus stimulators very shortly. Jay is destined for a brilliant career in academic neurosurgery. Despite a variety of bureaucratic obstacles, our neurosurgical training program continues to function quite well, and we are achieving the proper blend of surgical experience, academic activities, scholarly and productive activities, and neurosurgical education.

We are looking forward to the September meeting of the American College of Surgeons, when a special panel entitled, "What's New in Our Laboratory That Can be Applied to Clinical Neurosurgery?" will call attention to studies in the field of oncology, vascular disease, head trauma, and pain. John Van Buskirk and Jay Law will be featured from the University of Colorado.

Recapitulating with our activities for THE NEUROSURGEON serves as a rather humbling experience. It seems that we have to run a little harder every year just to stand still. Looking forward to seeing all of you in Memphis.

Photograph number one was taken of me at the recent Brain Tumor Symposium at Lake Garda, Italy, expounding on the glioblastoma; number two is Marie and I necking near a parked car at our hotel; and number three is a picture taken of me and Rita Ranschoff in Verona while Joe was busy moderating the panels. A good caption for number three might be, "While Joe was moderating . . ."



David G.

KLINE

This past year has been an extremely busy one in New Orleans as I am sure it has been for each and every member of the academy. Offices for the American Board of Neurosurgery were found, furnished and personnel hired and the day to day correspondence and issues concerned with this are both broadening and time consuming. Within this month Dr. Michael Carey has returned from his sabbatical of one year working on CSF formation and reabsorption with Hugh Dabson at the University of London in London, England and two new staff members have been hired so that daylight is definitely in sight. Dr. Roger Smith whose primary interest is in cerebral revascularization and cerebral blood flow and who trained with John Green in Phoenix joined our staff in July as did Dr. Scott McLanahan who trained with George Tindall in Atlanta and whose primary interest is in disorders of the pituitary and hyperthalamus. Rick Miller who has been with us a year and a half and trained with Frank Nelson in Cleveland continues to direct the pediatric neurosurgical activities. Much of the office time away from Board activities during the past year and been devoted to the development of a Center Grant connected with injuries and lesions of peripheral nerves. This is finally mailed off to Washington and we will now have to await their decision. The effort involves departments of Neurology, Anatomy, and Biochemistry as well as our collaborative workers headed up by Dr. Alan Hudson at the University of Toronto. The latter individual spent a month with us prior to the AANS meeting and also I spent a period in Canada with him this summer so that we continued to coordinate as much as possible our research and pilot writing activities.

Susan, my oldest daughter is in her final year at American University in Washington, D.C., and will then stay on and work for her MBA in Business. Robert is a senior at Franklin High School and is looking into engineering or

hotel administration — and having great trouble making up his mind. Nancy, the youngest is a junior at Mount Carmel Academy here in New Orleans and it is still a little too early to tell what direction she will take. Carol and I remain separated and she stays quite busy with her batik art work and gallery in the French Quarter. I am in the process of relocating my domicile in New Orleans.

We remain blessed with good residents and enthusiastic input from the senior students on our service, both factors leading to interesting conferences, although with input from both full-time staff and a number of clinical private practitioners on any given day. A problem that is represented seldom comes away with anywhere near uniform recommendations. Out-patient activities and the faculty income sharing program continue to grow so that I have been able to in the past year gradually shift away from many of the responsibilities connected with that and concentrate on the department as well as the board activities.

We'll look forward to the usual great meeting and seeing all of you again this year.



Kristian and Brit

KRISTIANSEN

and

Ted and Catherine

RASMUSSEN

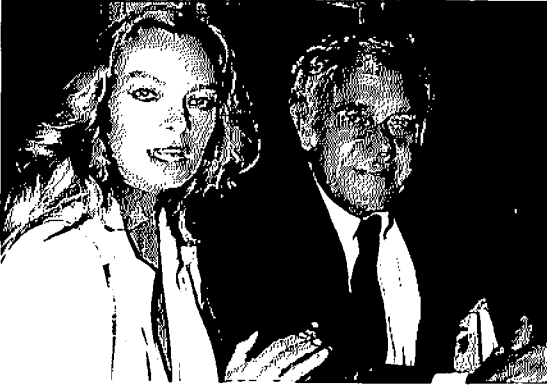
It is essential that Academy members meet once in awhile as we have just done at the Scandinavian Neurosurgical Society meeting in Oulu, Finland, and are continuing to do during beautiful sunny summer days in Oslo and surrounding countryside.

At the Oulu meeting, 19 countries were represented in a most modern university setting, daylight around the clock with the sun dipping below the horizon from 11:00 PM to 1:00 AM, and the many attractions of Northern Finland. The Academy was well represented with honorary, corresponding and active members.

Through the past year we have between us endeavored to carry the Academy flag to meetings in Munich (FDR), Cartagena (Columbia), Umea (Sweden) and Gardone Riviera (Italy).

While the Rasmussens finished their Scandinavian odyssey with the gorgeous air, boat and bus trip through the land of the midnight sun, the Kristiansens had to tend to business with the Scandinavian Medical Historical meeting and the International Hospital Federation Congress, both in Oslo.

Cordial greetings from the four of us to all the Academy members.



Theodore and Birgitte

KURZE

The first photograph is of Birgitte and me at a local watering hole, and the second is of old fat self coming across the snow fields beneath the crest of Mt. Whitney.

I stepped down as Chairman of the Division of Neurological Surgery of the University of Southern California, June 1, 1978, and was succeeded by Marty Weiss, whose limitless energy and flair for excellence pervades all corners of the SC domain.

The 1978-79 was a year of great change into which I entered with some considerable reluctance. However, for any of you administration, committee-worn chairmen, I offer a word of encouragement.

I now work under Dr. John Garner's section of the University of Southern California program at the Huntington Memorial Hospital. It provides me with greater resident exposure, both on and off the court. I have an opportunity for some independent research now that I have taken on an able associate, Dr. Kathleen Egan. I am looking forward to more time for backpacking and other scholarly enterprises.



Carolyn and Tom

LANGFITT

We had an unusually varied summer in 1979. We attended the 9th International Symposium on Cerebral Circulation and Metabolism in Tokyo, and then went off from there to Taiwan and Hong Kong. The Symposium was quite good, and the contributions of the Japanese scientists were superb. It is much to their credit that they have come so far in developing the quality of their science over the past ten to fifteen years.

Later on in the summer I spent some time at the University of Riyadh Medical School in Saudi Arabia consulting with the dean on the development of research programs. The country must be seen to be believed: a staggering amount of wealth conferred upon a deeply religious and largely uneducated people just emerging from the past.

Then in August, Carolyn and I and our four boys vacationed on Lake Temagami, several hundred miles north of Toronto. We were with old friends and their children, so we had a delightful family outing. Our oldest son, Tom Jr., is a first year medical student at the University of Pennsylvania, David is at the London School of Economics to be followed by law school, John is a junior at Yale, and Frank is a sophomore in high school. Of all our blessings, our children are our greatest.

Lew and Carmen

LLEWELLYN

Our year in New Orleans has been a good one. Carmen is adjusting to the necessary friendship with our daughter, Eliza Lee, now two years of age. At a given point and time, on a given issue, it is difficult for me to anticipate which of these ladies will prove the most determined. Despite family adjustments, Carmen has kept active in her art and sculpted my right hand as a parting gift for each of our senior residents. The work faithfully reproduces my amputated index finger, which has been commented upon in the past in local circles. At our gathering honoring the departing residents, one recipient, whom I regarded quite highly, at least to this point in time, was heard to remark on receiving the gift, "Even on leaving, I get the finger".

I hear from time to time that our members visit New Orleans and I regret that they do not call. My particular affairs seem to be arranged that I probably would not get the message, even if called. Like myself, Dave Kline and Ed Connolly would enjoy a call, if nothing more, from members when passing through New Orleans. A note or a call to Dean Echols or Francis would get you fishing guides, duck shooting permits, routes for the carnival parades, the name of the next King of Rex, as well as a warm and hearty welcome to the City of New Orleans. You have our numbers. Give us a call the next time you visit our area.

John and Katy

LOWREY

July 31, 1978 I retired at 65 as dictated by Straub Clinic Policy, but it was consistent fortunately with my personal wishes. The department of neurology-neurosurgery which I started in 1949 has now grown to five excellent men who are doing a fine job for our community. The malpractice situation being what it is, part time practice or the occasional consultation is impossible so my break with medicine is complete.

Katy and I are living on Hawaii developing some land her father gave her. We are planting trees and shrubs and doing some grafting and layering of citrus. My textbooks are different but the challenges are great and we are thoroughly enjoying ourselves and swimming daily.

Our younger son lives across the island and does trucking and building and motor repair work. Our older boy lives in Denver and works for Coldwell Banker, a large national real estate firm.

At the moment we are living in our son Mike's small house but in the next few weeks will decide whether to build nearby and give up our home in Honolulu or do something different.

If you come to the big island for a break give us a ring. We would be happy to hear of the latest advances in neurosurgery and particularly to have news of all of you good people.



**Alfred J.
LUESSEHOP**

This fall I look forward to participating in my first Academy meeting as a member, having been forced to forego both the Hawaii and Munich meetings.

As for Washington, Neurosurgery in general and Georgetown in particular, there is something new to report. The NINCDS Neurosurgical position has been filled by Paul Kornblith after years of delay. This should cement a strong allegiance with the neighboring Neurosurgical services. For our service, this renews a resident rotation for advanced laboratory experience. Despite the Washington metropolitan area fame for having the highest density of practicing neurosurgeons in the world, our service continues to thrive and grow with a three man full-time team.

My four children are now in college. None shows a proclivity for Medicine but all are doing well in other areas.

The snapshot is from a fishing trip on the Chesapeake Bay — A new outlet I have found useful to temper the frustrations of increasing administrative problems.

Ernest and Bobby

MACK

As I write this, Bobby and I are looking forward with great expectations to this year's meeting in Memphis and I am sure we will have a great time and will be happy to be, again, with our many friends.

I thoroughly enjoyed the meeting last year in Munich and thought that the German society did an excellent job and will be happy to entertain them in New York in the future. Despite this statement, I am personally not inclined to favor these international meetings particularly. I think that they are great social affairs, perhaps, but they do not add much to the scientific meeting and take a great deal away from the closeness of this organization. I feel, as I am sure some of my friends do, that the Academy is a very special gathering of people and being with them once a year is a great moment in our lives. It is certain that we have a number of large societies who regularly meet hither and yon and associate themselves with foreign groups who are not unpleasant but who are not the members we like to join with once a year at the Academy level.

The AMA meeting this year was of interest. Again, major problems confronting us are National Health Insurance which continues without any significant change except that it appears now that some catastrophic type of insurance will be upon us. This may delay for some time, a complete government take-over which is obviously what is being shot for by many people in Washington. Much of this, of course, will pin upon the development of national politics in the next year. As we continue to flounder as a nation with absolutely no leadership, it seems certain that somebody will come to the fore and take over the leadership of the government. It is not clear to me at this time who this will be or what his party connections will be. I regret to say, I am afraid it will be another individual who will be brought forth to us by the great combination of the steering press and television and will be sold to us whether he has leadership qualities or not.

I am beginning to believe that we are being sold leaders by the Madison Avenue route almost completely. I would love to see a leader who emerges from the mass without having to be nurtured and carried to us by a series of carefully tailored Madison Avenue presentations. Despite the expressions of love and fellowship, I continue to be very suspicious as to whether there is really any integrity in the present leadership.

Other matters that were considered at the AMA meeting which will have bearing on us was the recertification which is beginning to be opposed in some quarters and I would wonder just what the outcome of this will be over a long period of time. Secondly, as most of you know by now, the AMA has withdrawn from the LCCME and are talking over the question of continuing medical education, to handle it as they did prior to the existence of this committee, which at best could be described as a bloody mess.

Bobby and the family, including our children and grandchildren are well. The summer has gone swiftly with enough fishing to make life bearable. Unfortunately, a bad back has eliminated most of my golf, at least temporarily. Hopefully, I will not have to undergo one of those miserable disc procedures which I have peddled for so many years.

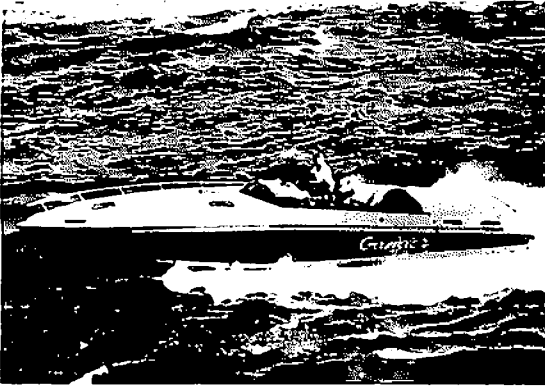
Hoping this finds you all well and with great expectations for Memphis, Bobby and I send our love to all.



Steve and Jane

MAHALEY

This past year has been a busy one from the standpoint of the clinical Neurosurgical Service at the University of North Carolina as well as for our family with our oldest boy (Rhett) entering college at the University of North Carolina at Charlotte and with two of the children (David and Rebecca) away for several weeks at a time during the summer months taking special courses on college campuses here in the state covering topics such as Geology, Geography and Art. It is now time for the new Medical School class to enter, the new residents in training have already had a couple of months experience, and the new academic year is well under way. The summer seems to have sped by unusually fast but we did have a delightful week at Garden City Beach, along with Dr. Steve Boone and his children, made what has become now an annual family trek up the slopes of the steepest mountain east of the Mississippi, Mt. LeConte, and spent two delightful days exploring the mountain top and several other days camping out on neighboring mountain areas. Jane is still working part-time in the laboratory and has enrolled as a part-time student in college here at the University. The laboratory research work in immunology is proceeding nicely and new active immunotherapy treatment schedules will be implemented this year. Steve's "extracurricular" activities still include work with the Joint Committee on Education as Associate Chairman at this time and also now as secretary for the Southern Neurosurgical Society. The family continues to be blessed with good health. We continue to cherish the many friends that we have here in the Academy.



Leonard I. and Ruth

MALIS

I haven't written in *The Neurosurgeon* for several years, so I'll try to fill in some gaps. Our son Larry and his wife Pepi provided the big event of the past two years with the birth of our grandchild Nicky. Not only is he handsome and a budding genius, but also the delight of our lives. Larry is a commercial photographer and his wife is a sculptress. The last picture we sent was from our daughter Lynn's wedding. She is now completing her doctoral thesis in French literature at Columbia University and her husband has just taken his Boards in Internal Medicine. Ruth is still very much involved as administrator in the Neurosurgery Department. This latest picture is the way Ruth and I relax and I keep my sanity after a hectic winter.

Professionally, the last few years have been gratifying. We have made several trips abroad. I spoke at the Universidad Autonoma de Barcelona at a program honoring the late Professor Adolfo Ley and then was Professor Sixto Obrador's guest in Madrid prior to his untimely death. We were the guests of the Japan Neurosurgical Society, and I spoke at their 36th Annual Meeting as well as at the Juntendo School of Medicine in Tokyo, Hokkaido University in Sapporo, and Kyushu University in Fukuoka. We were unable to get to the Academy meeting in Munich, though I have talked at a total of 29 meetings and symposia since the beginning of 1977.

Despite all the talking, the clinical schedule continues to be extremely heavy. The support and interaction of a truly family-like group of nurses, residents, and staff has helped control the stresses of dealing with the multiplicity of regulatory interferences with patient care. During the past two years, we have opened two more laboratories as we return to one of my earlier loves, rebuilding our research effort. The computerization of electrophysiological methodology has given a special fascination in adapting the new technology to seek answers to some of our old problems. I wish there were more available time and I continue to seek the 36 hour day.



Raul and Milu

MARINO, Jr.



Since this is our debut in **THE NEUROSURGEON**, and we consider the U.S. and Canada as our second homes due to the many years I have spent there for training and research and the many friends we have made in these two countries, writing this flashback of my old days next to you brings me wonderful memories. After finishing my residency in Neurosurgery in Brazil, I decided to start working with Dr. Poppen and Dr. Fagen at the Lahey Clinic. Dr. Sweet and Dr. Ballantine were my next bosses and my days in Boston ended at Dr. Nauta's lab at the MIT. From there to the MNI was just another step. Dr. Rasmussen and Dr. Feindel started me in the wonderful field of epilepsy surgery, still my favorite dish up to the present time. Dr. Hardy and Dr. Claude Bertrand initiated me, at the University of Montreal, in the field of neuroendocrinology and stereotactic surgery, respectively. The limbic system adventure that I started with Dr. Ballantine and Dr. Nauta finally took me to Dr. Mac Leans neurophysiology lab at the NIH where I decided to dedicate all my future energies to functional neurosurgery.

In 1971 we started in S. Paulo a small service of functional neurosurgery dedicated to the surgical treatment of epilepsy, pain, abnormal movements, pituitary surgery and psychiatric surgery at the University of Sao Paulo Medical School. That handful of young neurologists and neurosurgeons who joined me, formed a new discipline at our Medical School, originating a newly created Division of Functional Neurosurgery, which was officially inaugurated in July of 1977, a few days before the meetings of the World Society of Neurosurgery. Instead of the five beds we had when we started, we now have 44 with an intensive care unit, stereotaxic unit, x-ray and EEG services, neurochemistry, bio-engineering and computer unit, psychophysiology, neuropsychology, psychiatry, neurology and neuropathology services. The dedication ceremony was the happiest event of my life since we managed to bring practically all the men that trained me in the past. Dr. Rasmussen

chaired our Inauguration Symposium. Dr. Nauta, Dr. Hardy, Dr. Ommaya, Dr. Molina-Negro, Dr. Billes Bertrand, Dr. Tew, Dr. Scoville, Dr. Szikla, Dr. Siegried, Dr. Nashold, Dr. Gildenberg, Dr. Ervin, the late Dr. Obrador and many other good friends were also present.

The symposium has just been published by Raven Press (Functional Neurosurgery, 1979).

The service is still growing and we have now quite a bunch of young people and a residency program to take care of. Our main fields of interest are still epilepsy surgery, neuroendocrinology and stereotaxic surgery. All the patients are exhaustively studied by the several teams before and after the procedures and we hope to have some relevant data on our functional procedures in the near future. This year we have embarked upon an analysis of our first two hundred cases of pituitary surgery and our series of callosal disconnection for generalized epilepsy. As the oldest one of the group, I have to keep the now more than one hundred members of the crew (including nurses and other personnel) interested and motivated in the extenuative work of studying pre- and post-operatively, these difficult patients, and their long procedures.

Marie De Lourdes (Milu) has been a very understanding wife throughout all these years. She is my personal motivating agent at home, also accompanying me to all the meetings. We now have two boys Ricky (Ricardo) of five and Rudy (Rudolfo) of three. They are her personal motivation agents, who constitute our pediatric department for the moment.

Milu and I are both honoured and happy to become corresponding members of the Academy, and will be looking forward to many years of conviviality and scientific experiences.

William and Alice

MEACHAM

This summer has been a very busy one for us here at Vanderbilt. We have had an unusual period of very sick people with aneurysms, brain tumors, and assorted problems. Except for a brief trip to Toronto and one to Chicago, I have taken no vacation period, but will take three weeks in January for meetings in Honolulu and then on to Hong Kong for a visit with my son and daughter-in-law. I am glad to report that our number two son, Pat, is doing a year of research on renal hypertension and will then go on with his residency training in general and vascular surgery. Our daughter, Barbara, is carrying on as a landscape architect in Mill Valley, California, and our youngest, Bob, is running a computer at the senate library in Washington.

In a few months, we will be moving into our new hospital across the street from our present one and connected by underground tunnels. We (neurosurgery) will occupy the eleventh floor along with clinical neurology. We will have our own intensive care unit and a critical nursing care unit, an improvement we are anticipating eagerly.

Alice and I intend to be at the next meeting and are looking forward to it. We know that Jim Robertson and his Memphis colleagues will put on a great meeting.

Blaine and Irene

NASHOLD, JR.

Irene and I are just finishing our twentieth year at Duke and it has been an interesting time of change and, hopefully, progress. The new hospital will be completed soon and expand our capabilities for patient care. Along with this, Irene is President of the Duke Women's Auxiliary which has played a very important role over the years in bringing services to the patients at Duke Hospital as well as contributing considerable sums of money to the various medical and surgical divisions for research projects, updating of equipment, etc. The women of the auxiliary are all volunteers and their services are difficult to duplicate.

Last September Professor Denise Albe-Fessard was a visiting professor at Duke for a period of two months during which time she worked in the laboratory and in the operating room on problems of nerve transmission and evaluation of pain patients as well as getting our equipment organized for more sophisticated O.R. recordings on the spinal cord with evoked potentials. She is a truly remarkable scientist and stimulated a considerable amount of excitement among our younger staff members and students. We are hoping to continue this kind of collaboration, and a Fulbright Exchange Fellowship for faculty and students is being set up between Duke University and the University of Paris. It is becoming more and more important that basic scientists, such as neurophysiologists, in a sense become almost permanently attached to the clinical sciences. This is particularly true in neurosurgery.

Our neurosurgical efforts have been concentrated on finishing up the work on the dorsal root entry zone lesions and we are, at present time, gearing up to carry out sophisticated intraspinal recordings in patients during surgical procedures. This requires the development of a spinal stereotac which has just been constructed in collaboration with Eric Cosman at Radionics along with a

new type of electrode array which can be used in the operating room. The importance of evoked potentials recorded from the cortex and from the skin are quite obvious. We believe, however, that one must probably make direct recordings across the spinal cord at the time of surgery to refine any real physiologic changes that may occur. We are particularly interested in trying to monitor the function of the dorsal columns as it relates to, say, the removal of an AV anomaly in the cord or manipulation of the spinal cord during other neurosurgical procedures. We now have preliminary data both in animals and in a few humans, but we will be expanding this in the near future.

During the past year we were fortunate to have a young Japanese neurosurgeon, Dr. Taysuya Tanikawa from the Tokyo Women's Medical College, who worked very hard in the laboratory studying the effect of various types of Japanese tissue glue on nerve physiology. As one looked at the literature, it was quite evident that although there were pathologic studies on the effects of these tissue glues, there had been no studies on the physiologic effects. We found very definite alterations in nerve conduction velocity and nerve function following the application of these materials. So it will be some time before we could clinically use them here in the United States. It is unfortunate that a less toxic substance cannot be found because I think there are many applications of the glues for electrodes placed on various areas in the central and peripheral nervous system.

The children are all grown and most of them graduates of Duke. One is teaching nursing at the General Hospital. Jim has finished his second novel which is unpublished, but he is still determined. He is now working on additional requirements for medical school. Ann is off to Yale University. Sara, our youngest, is a junior at Centre College, majoring in French, an interest she gathered when we lived in Paris in 1976.

Burton and Judy

ONOFRIO

In the past year professionally things have been going well. My socioeconomic interests have turned to the State of Minnesota where I serve on the Interspecialty Council of the State Medical Association. In that capacity I have had the opportunity and the pleasure of talking before the State Legislature concerning various subjects including the new psychosurgery bill which has been proposed for Minnesota. Fortunately with the high profile medical association, we have been successful, at least up to this point, of forstalling any legislative restraint on the practice of medicine, especially in those particular aspects where we feel that medicine has done an adequate job of governing itself.

Judy and I certainly enjoyed the meeting in Munich in 1978 and have fond memories of our pre-meeting trip through Italy and Germany. One of the highlights was our increasing friendships with many people in the Academy. Hopefully, I will have some information on a new and intriguing prospect with regard to the treatment of pain at our next meeting in 1980 after a pilot study that is underway at the present time is completed.

I look forward to seeing you all in Memphis as does Judy.



**Russell and Julie
PATTERSON**

Julie and I spent our first school year since 1958 with no children in the apartment. It was a return to a simple and easy style of life that we had almost forgotten. The price was the loss of their company and news of their activities. School vacations brought them home again and provided fine times together, but plans became complex, noise abounded, and their sleep-wakefulness pattern was 4-6 hours out of synchrony with ours.

Julie is in the process of assuming the Chairmanship of the Board of Trustees of the School Volunteers, an organization of about 5000 volunteers in 350 of the public schools in the city. The volunteers teach English to non-English speaking children and also provide art and music programs. It is a big job replete with fund raising, frequent speeches and providing leadership. She is quite nervous about whether or not the Peter Principle will apply (not yet, I think).

We were back in Europe again in June for a brain tumor meeting on Lake Garda. This afforded an opportunity to visit Dalle Ore's in Varona where we spent a fine day before going on for a visit to Venice. The photograph was taken there, and the river should not be mistaken for the Hudson.

In the clinical arena, we are taking a second look at deep hypothermia with cardiac arrest and exsanguination for certain large aneurysms particularly basilar, and also arteriovenous malformations.

We look forward to seeing everyone in Memphis.

S.J.

PEERLESS

Another year? It seems that only a few weeks have passed since I was struggling to be witty and entertaining in these pages. An interesting, stimulating, busy, if not hectic, year. What with Charlie away for many weeks spreading the gospel in the southern hemisphere and Barney away for 6 months flogging aspirin, bypass and randomization in Europe and the Americas, I fell heir to many hours in the operating room, mountains of paper and endless University committees. These experiences reinforced a lingering doubt as to the value of pushing paper and manipulating committees — I'd rather be operating.

A grand Academy tour of Zurich and Munich. A kaleidoscope of images; good science, superb hospitality, the look on Jim Storey's face as he tried to swallow an \$8 glass of scotch and Bill Scoville dazzling the ladies with his skill and stamina on the dance floor. A week of fine memories and good fellowship all smoothly organized by Russell, Julie and Phanor.

A busy year. Many visits encouraging enthusiasm for the bypass study so that now we are entering more than a case per day and successful completion of the project seems certain. Along the way a pilot's license, a new airplane, several winless regattas in the racing dinghy, and a memorable cycling tour of Holland culminating in a magnificent sail in the Wadden Zee with my three sons.

Most important, a healthy, happy family enjoying today and looking forward to tomorrow. A fine year.



J. Lawrence and Angeline

POOL

The best news of the year as far as I am concerned is the richly deserved award of the Cushing Medal to my good friend Henry Schwartz.

Personally, there is very little to report save that I gave my last neurosurgical address this May — before the New Jersey Neurosurgical Society, at the behest of another good friend, Bob Fisher, Professor of our discipline at Rutgers. When I started practice in 1939 there was only one neurosurgeon in New Jersey, one in Westchester County just north of New York City, and none in Long Island. Consequently I was one of four or five young 'uns in NYC who barnstormed those areas to cover neurosurgical problems while also practicing in the city itself. There were many 18 hour days (and nights) but I loved it. Today each of these major areas has at least 45 neurosurgeons apiece. During my so-called speech I asked for a show of hands as to how many of the 35 members present knew what Carrel-Dakin solution was. Only five had heard of this Chlorox-on-the-brain treatment and I was surprised this many knew of it.

Major interests now are fly fishing for trout and salmon, and writing. My IZAAK WALTON book has sold 1000 copies, and YOUR BRAIN AND NERVES (for the layman) has been put out in paperback by Scribners and is now a QPB 1979 paperback selection and also doing well. Finally, the Mss. for another best-seller has just been submitted for possible publication. It is a heavily illustrated story of iron and steel, from Old Testament times to the present. Research for this venture turned up quite a fascinating array of topics of which I had never dreamed.

Warm regards go out to all my old friends in the Academy with this brief note. The enclosed picture of Angeline and me was taken during a cruise of the Greek Islands this past winter. It was a most rewarding trip, sponsored by the American Museum of Natural History, not only for its cultural aspects but also for a glorious day on the marsh lands of the Evros River separating Greece from Turkey. This area is one of the four major fly ways for the birds of Asia and Africa on their spring hegira back into Europe. As a result, we saw more than 50 species, some of the most exotic kind, like the golden and imperial eagle.

With our best regards again to all.

Robert and Rita

PUDENZ

In June 1978 Rita and I moved to our ranch in Paso Robles, allegedly to "retire". However, it has not been retirement in the true sense because we are as busy, or even busier, than ever. We have been involved in many ranch projects, more recently the development of a picnic area by the stream that flows through our ranch and the remodeling of the little 1897 house that we rent to a young mechanical engineer and his wife and new baby girl.

We had our first cookout in the picnic area during the Memorial Day weekend. Our children, grandchildren and friends enjoyed barbecued wild duck and other goodies.

Involvement in the professional aspects of our lives continues. I have continued as a consultant to the Neural Prosthesis and other projects in Pasadena. It is particularly enjoyable to see Hunter and discuss his many ideas and projects with him.

In the Neural Prosthesis project we have collaborated with Emil Tanagho and his staff at the University of California San Francisco. Emil is Chairman of the Department of Urology and has a very interesting project on electrical stimulation of the sacral roots to produce bladder emptying in paraplegic female beagle dogs. I have assisted them in their experimental surgical procedures. The electronic hardware is being fabricated by our physicist, Leo Bullara, and his staff in Pasadena.

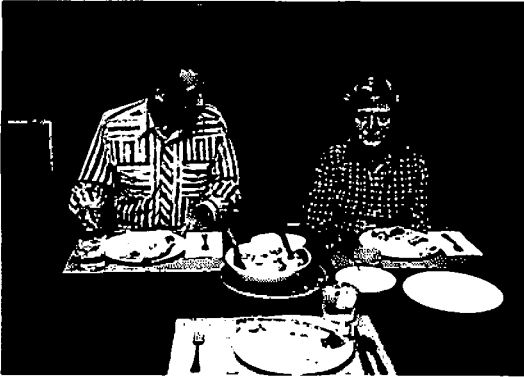
The trips to San Francisco have enabled us to keep in touch with Ed Boldrey, Charlie Wilson and the other members of their neurosurgical staff. Ed continues to be very busy in his clinical practice and both he and Helen are in good health and spirits.

Our new adventure into the commercial world of neurosurgery is thriving. Our laboratory is on the Dos Pueblos ranch in Goleta which Rudi Schulte bought last year. We have had an excellent response from our neurosurgical colleagues and are steadily enlarging our technical staff to cope with the many ideas and projects that have been submitted to us. Rita and I travel to Goleta about every two weeks and stay in a charming little cottage on the ranch. There is a large lake on the ranch which is filled with bass and pan fish. This becomes our recreational area at the end of a busy day.

Retirement does not provide immunity from clinical responsibilities. I have been consulted by our Paso Robles physician colleagues and continue to get phone calls and letters from old patients.

Recently I was appointed to the Medical Advisory Board of the Wine Institute of California. This Institute is supported by more than 200 wineries both in California and other states. They support research projects related to wine consumption and are very much involved in legislation that may have impact on the wine industry.

Rita and I look forward to seeing all of you at the next meeting. Our latch string is always out should any of you find your way to our little paradise in Central California.



John and Lorene

RAAF

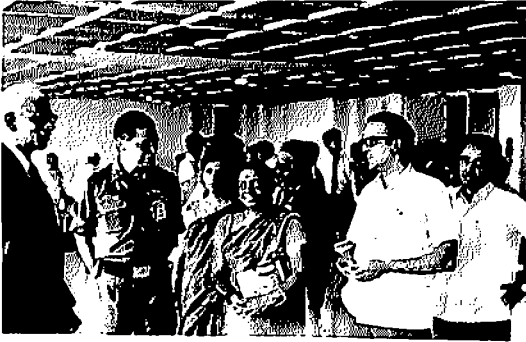
Lorene and I have been so busy this summer with visiting children and grandchildren I have not had time to collect my thoughts for a contribution to THE NEUROSURGEON. Actually about the only important thing I have to report is regarding the Rogue River Neurosurgical Society. The last meeting of the RRNS was October 20-25, 1978. Charlie Drake was the guest speaker. He was kind enough to speak eloquently of Rogue River fishing although I thought it was only fair while he was with us. A date for the next meeting of the RRNS this fall has not been established as yet but hopefully someone will want to attend sometime during the next couple of months.

About two weeks ago, before there was a good rain, I was informed by a patient who lives on the Rogue just above our place that the weather had been so warm and the river so low that steelhead and salmon were dying in huge numbers of a bacterial infection known as columnaris. The loss of salmon on the Rogue is estimated to be 20 to 25% of the 1979 run. Temperature of the Rogue at Agness has been recorded as high as 69 degrees. At 58 degrees F. the disease begins to affect salmon and the danger increases as temperatures exceed 65 degrees. Hopefully the cooler weather and the rains will be good medicine for the fish.

Incidentally for those of you who want to know all about trout, I recommend a two volume set of books called TROUT by Ernest Schwiebert, E.P. Dutton, New York, 1978.

I hope to see everyone in Memphis in November. My very best wishes to you all.





B and Indira

RAMAMURTHI

The Britishers, when ruling India, set fifty-five years as the age of retirement from Government Service, so that they may get back to Britain and have some more useful years of life. This has come as a blessing for me as I was able to leave Government Service at the age of fifty-six, thus having before me a further decade of active neurosurgical service, to be planned as I think best. Having served the Government of Madras for 29 years and set up a first class Institute of Neurology at the State Medical College, I had a growing feeling that I should now turn my attention to the community and serve in a Voluntary Hospital. Thanks to a munificent donation from the Arogya Ashrama Samiti, a charitable trust set up by Dr. A. Lakshmi pathi, a new neurosurgical centre is being built at the Voluntary Health Services, Madras and is expected to be ready for occupation with all the necessary equipment before the end of the year. Friends, students and patients from India and abroad have been generous in their help.

During the last 18 months, I have been reliving my younger days, enjoying the feeling of creating something new and starting all over again from scratch. Next year I hope to be able to send you a photograph of the new centre. The centre at present has 24 beds and is to be affiliated to the National Board of Examinations (NBE) as a Postgraduate Training Centre.

Apart from this I have been active during the past two years as the Chairman of the Surgical Division of the NBE, setting up an examination system to certify postgraduates in all the surgical specialties — somewhat similar to the American Boards. The attempt has been successful and last year we had over 1,000 graduates taking these All India Examinations. In the years to come we hope to seek reciprocity from national boards of other countries.

Another major activity of the Neurosurgical Service has been directed towards the conversion of one floor of the vacated Operating Suites in the Old Bellevue Hospital which have become available after our move into the new institution. This area of approximately 12,000 square feet is being converted into centralized Neurosurgical Research Laboratories, laboratories which have been spread out over the entire Medical Center in the past. We believe that these centralized labs will provide our various investigators with the increased intellectual stimulation of a great deal of cross fertilization as well as a quite elegant laboratory facility in terms of bricks and mortar. Other than this, the service has been busy and active often to the point of near exhaustion.

One additional development is underway under the direction of Dr. John Mangiardi, one of our second year residents who is a true "computernick". John has designed a computerized system for the storage and retrieval of clinical information with an "idiot box" terminal in our departmental offices. He assures me that even I will be able to use this equipment, however, that remains to be seen.

The summer holiday was devoted mostly to the hunt for fish bigger than the author, a typical disease of little men. An approximately 800 pound giant tuna escaped us at the transom after a 40 minute tug of war. A couple of makos topped the 132 pounds required to be of significance but otherwise, I had an elegant time slopping around in the ocean off of our summer house in the Hamptons.

Finally, the single most important event of the year for the Ransohoff family has been the completion by Rita of her Ph.D. thesis so that we are now the Doctors Ransohoff. Dr. Ransohoff's thesis was entitled "The Hag in America — An Inquiry Into Male Feelings and Phantasies About the Middle Aged and Aging Woman". I am certain that the other Dr. R. served as a source material which was readily available to her. Seriously, however, it is truly a very scholarly piece of work and I am extremely proud of her accomplishment.

Joe and Rita

RANSOHOFF

The activities of the NYU-Bellevue-VA-St. Vincent's Service have occupied 88.8 percent of our time over the past year. We have added two young attendings to the service, one Dr. Raja Marali, who after completing a full training program in England, came to us and once again repeated this process. He is, as you can gather, therefore, a super trained individual with considerable interest in the head trauma problem. He has joined our Faculty as a second full time member at the St. Vincent's Unit to assist Dick Rovit in the operation of that busy service. He has become an active participant in our Head Trauma Program and in particular, relative to the study on barbiturate hibernation. In this context, we are about to initiate the use of a super "black box" designed and manufactured in the laboratory of Dr. Roy Johns of the Department of Psychiatry at NYU. This equipment gives the status of all possible evoked potential studies as well as EEG studies in a complex computerized readout known as the Brain State Vector. This equipment should provide observations concerning the status of brain stem function during barbiturate hibernation when EEG recordings become flat. It will hopefully provide us with some measure as to the efficacy of barbiturates and the capacity to monitor the patient's status during a period of hibernation.

Dr. Max Koslow has also joined our Staff after a year's fellowship with Irv Cooper. Max was also trained at NYU and is in the process of establishing our Stereotaxic Program for the Treatment of Abnormal Movements and Pain. A partial volume CT scanner has been constructed by Phillips Corporation which has the capacity to provide very great resolution in a small area of approximately three inches in diameter. The stereotaxic surgery will be carried out directly on the scanner. In addition, and probably of even more profound scientific interest, will be the correlated studies which will be carried out on these patients in our Clinical Research Center where not only sleep cycle studies will be carried out but also serial observations of the patient's steroid levels, measurements of various endorphins and a series of neurotransmitter observations.

Research into Yoga and Meditation continues to be exciting and the effect of non-volitional photic feedback of alpha and other waves promises to be of use in epilepsy, depression, etc. The effect is there, but the explanation is not easy and will not be till we know more about the functioning of the brain and about the basis of the EEG. This is where the excitement lies.

What with private work, Voluntary Health Services, the National Board and Research, life seems to be speeding happily along and perhaps fruitfully also.

Indira also gave up her Honorary Professorship of Obstetrics last month, to devote herself to community service. The first boy Vijay has gone up the ladder in Journalism and is a specialist in Finance and Economics. The second, Ravi, has finished three years of training in Neurosurgery and has two more years to go. In the meantime, I am hoping he will be able to do a years work in some centre abroad. Facilities for such short term training in advanced countries are a necessity and must be available for all aspiring young neurosurgeons from developing countries.

Hugo and Helen

RIZZOLI

Our score for the last year has been acceptable. Helen, the children and I have enjoyed reasonably good health. Our oldest son has now become co-owner of a modest book store and our youngest son, who has been building dragsters in our garage and storing tons of automobile parts throughout our home, has recently acquired a 32 foot trailer which he parked on our front lawn. This has convinced me that he needs to go into the automobile business and he is now in the process of moving his enterprise, parts and trailer, to a more suitable industrial location. Paul is a resident in Medicine in Providence, RI and his twin sister Pia has graduated in business administration and is working for a group of my neurosurgical colleagues.

Our department continues to enjoy an excellent clinical volume and a variety of neurosurgical lesions. Our clinical staff is most loyal and cooperative. Fred Schwartz, one of the five fulltime faculty members, has now entered private practice in Washington and the suburbs. Dr. Spiros Koulouris replaced him on the first of July. Dr. Kobrine continues to be most productive and was awarded his Ph.D. this past July. Our research interest in spinal cord blood flow evoked potentials and brain tumor immunology continues.

Last fall, I enjoyed a five week trip to the Soviet Union where I visited the three neurosurgical institutes and was given the opportunity to evaluate the treatment and research activities related to spinal cord injuries.

Theodore

ROBERTS

My activities, I believe I can summarize as follows: I am continuing as chairman of the Division of Neurological Surgery at the University of Utah Medical Center. My present research activities are in the area of developing a software program which will allow the use of a stereotaxic frame to place on a patient while in the CT scanner and employ this methodology where feasible for intracranial lesions. Additionally, we're beginning to get into the area of interstitial brain tumor radiation with focal sources. As in the past, I continue to work in the area of pituitary tumors and am getting some interesting results with the use of rapid immunofluorescent studies on pituitary biopsy specimens. It is interesting to see how the views have changed over the past two years regarding management of the so-called microadenomas of the pituitary and their "sudden appearance" on the neurosurgical scene.

Our production of neurosurgical residents here at the University of Utah has been somewhat limited in that we take only residents we feel are of very high quality and thus far, have found good practices and locations for them. Interestingly, we have quite an influx of residents trained at other institutions moving into the Salt Lake area, suggesting to me that there continues to be an overproduction of neurosurgeons in other programs or a reticence, when finishing those programs to practice in the area where they are being trained.

I'm not sure if I'm commenting on something that should be printed in "The Neurosurgeon", but I think that it's a topic that should be touched on in some way at one of our meetings.

James and Valeria

ROBERTSON

The James Robertson family has been healthy during the last year. Another daughter, Cathy, was married on August 26, 1979 which explains the delay in answering your letter. Valeria and I are doing well and she has just taken our youngest daughter, Roberta to Smith College so that she is certain that she is able to start college in the right way. We were delighted over Roberta's acceptance to Smith. Our oldest son, Tom, is working in Washington and our second daughter Beth is happily married and teaching school. The fourth child, Clay, is a senior at Southwestern in Memphis and Daniel is a senior in high school.

Valeria is very active as a Mary Kay consultant and is improving her business daily.

Neurosurgery is still active in Memphis. We have continued our interest in stroke research and are plodding along like everybody else in the extracranial/intracranial bypass clinical project.

We are looking forward to having the Academy meet in Memphis.

Stuart and Elva

ROWE

As you may remember, I have been confining my medical efforts to electroencephalography, for about nine years but I manage to keep in touch with some of the current developments through moderately regular attendance at some of the conferences in the Neurosurgery Department here. Recently, I have become involved in work in evoked response in the E.E.G. Department in one of the hospitals and have found this a very interesting and stimulating addition to the usual problems in E.E.G.'s.

Unfortunately, my contacts with the Academy members have been somewhat poorly maintained, although last September we had a very pleasant evening with Howard and Dorothy Brown in San Francisco while we were there for the American E.E.G. Society Annual Meeting. Regretfully, we did not make the trip to Munich and Switzerland last fall but have enjoyed reports about it from Tony Susen.

Our family, including the six grandchildren, is healthy at the moment and active and the portion of it here, consisting of our son-in-law and daughter and their three children, keep us in touch with such activities as Little League Baseball, lessons on the drums and the activities of a Freshman at Syracuse University.

Greetings to one and all. We enjoy The Neurosurgeon.



Henry and Reedie

SCHWARTZ

I am the world's worst correspondent and deserve to be stricken from the ranks of the Academy and the Round Robin (forgive me, The Neurosurgeon!). Somehow, time has a habit of fluttering by too rapidly, and deadlines pass without a reminding siren.

My activities can be summarized briefly. Sid Goldring, who succeeded me as chief, has been most kind and, with his approval, I continue to carry on in neurosurgery. This, together with my work as Editor of *The Journal* keeps me fully occupied. I find both activities time-consuming, but stimulating and rewarding, and keep my neurones and synapses functioning.

The meeting in Munich was a highlight of the past year. I have never been a vigorous proponent of meetings at a great distance, but confess that the interchange with the Germans was not only enjoyable, but profitable. It goes without saying that seeing our fellow Academicians always brings warmth to the heart. As I reflect over the course and the events of the years, I must express again my appreciation of the friendships which Reedie and I have enjoyed.

Your letter asked for inclusion of views on any topic. Leaving aside the sentimental, as I take stock of the activities of Academicians, I cannot avoid expressing my admiration for the contributions and the role which our members have played over the years. In almost every organization, both in and out of neurosurgery, we see the prominence of our members in the past and present. I hope that the salutary influence of the Academy will be continued in the future and that efforts to dislodge the Academy from its

richly-deserved position will fail. This comment is addressed deliberately with the AANS in mind. I would like to think that last spring's award of the Harvey Cushing Medal was a sign of recognition of the Academy rather than of one of its members.

To other matters: Reddie continues to put up with me, and is the prettiest grandmother in town. Witness this snapshot of the beachcombing grandparents taken with their grandchildren at Pawley's Island in July.

Till Memphis in November!



William and Helene

SCOVILLE

Time approaches for our annual letter which always seems difficult but I do like to read other people's letters so here goes.

I considered the German meeting the most exciting one yet, offering intellectual stimulation, superb travel, and international relations, and offering far more than the luxury recreational hotels in this country.

We have adjusted to the transfer of our Residency Program from Yale to our new Medical School which is a superb building at our back door but will never equal the prestige of Yale. Our clinical program is a busy one offering practical approaches under six Attendings with 1200 bed hospital plus Medical School and VA Hospitals.

Since the German meeting, neurosurgical teaching seminars are sprouting like weeds including many run by "our" members. Because of this it is unfortunate that attendance is guaranteed only when combined with orthopedic surgeons. I have just attended an excellent session at Rush-Presbyterian in Chicago and wondered at the size of the audience only to find out that 90% of them were orthopedic surgeons. I am not sure that we should continue this because every orthopedic surgeon who attends feels he is now able to carry out disc surgery. If we share seminars with vascular surgeons we shall lose that segment as well, and hand surgery! If this trend continues we shall lose everything but brain tumors.

We are raising our charges by 7½% a year to keep up with inflation and a comparison with charges of 10 and 20 years ago gives me a definite sense of guilt. It amazes me how there are no patients left who pay their own bills — what with private insurance, government insurance and Welfare paying for all the rest. Somebody, which means you and me, must foot the bill.

Bennett and Doreen

STEIN

The neurosurgery program at Tufts has gradually expanded with the addition of another staff man on July 1, 1979, Dr. Stephen Dell who completed his training at The Neurological Institute in New York. We now have four full time staff and three part time staff on the Neurosurgical Service. In addition, we have the part time employee of a Neuroanatomist/Neurophysiologist, who is Professor of Anatomy in the Medical School, Dr. Stanley Jacobson. Our clinical load continues to increase and is now more than double of what it was eight years ago. The main increase has occurred at the New England Medical Center but also a modest increase at the Boston V.A. Hospital. Both hospitals are an integral portion of the neurosurgical program. We have developed special interests in certain areas. Dr. Post, who is particularly interested in pituitary disorders, is doing all of the neuroendocrinological surgery, Dr. Scott is doing the vascular bypass surgery, carotid surgery and pediatric surgery. My own interests lie with arteriovenous malformations, pineal region tumors, and intramedullary spinal cord tumors. Dr. Dell brings to the Department an interest in neurophysiology and will be working on evoked potential studies, their use in the operating room, and in addition, basic work in the laboratory.

Research projects are now ongoing at both the New England Medical Center and the V.A. They involve the study of the function of the mammillary bodies in the primate, studies on the morphology of cerebrovasospasm and the neurophysiological studies that Dr. Stephen Dell is undertaking.

The residency program remains at one resident a year for a 5-year program although we are contemplating extension now to 6 years and possible affiliation with an additional Tufts hospital.

My wife and I continue to enjoy the Boston area; however, our two daughters, now in their twenties, are in the real world, and we tend to rattle around in the house, especially during vacation times. One daughter has completed college and is working in Boston and the other is taking graduate work at Tulane and may eventually go to law school there. This is the first introduction of the family to the South, and I must say that the glowing reports that come from New Orleans, of course this is a special example, encourage one to move South where the weather is fine and the people are friendly. This is especially apparent after one has weathered a Northeast winter and a rather cool and not summer-like August. There has been a lot of travel in the past year, and special highlights include the annual attendance at the University of Utah, Lende winter ski meeting and also being invited to participate in the excellent neurosurgical course run by Charlie Wilson and his colleagues in San Francisco. This forthcoming year we are looking forward to travels in Buenos Aires to attend the PanAmerican Congress and also to visit one of my ex-residents in Taiwan and participate in a neurosurgical seminar there with Bill Shucart and others. There have been so many attractive travels associated with the business of neurosurgery that I hesitate to mention vacation. However, Doreen and I had our annual sailing foray with ex-neighbors who are our sailing partners, and this year we enjoyed a new experience in Honduras which is now independent. The charter organization recently moved there to the offshore island of Roatan which, incidentally, is an excellent place for those who like diving. The sailing was excellent, and the experience stimulating and well worth the time. Many of the islands in that area are what one envisions in the South Seas, that is, palm trees and sandy beaches. Interestingly, there are more Texans in the area than Hondurans.

We are looking forward to the Memphis meeting of the Academy this forthcoming year.

Thor and Lois

SUNDT, Jr.

We managed to make it through another winter in Rochester. Following our custom of the past we will give you our climate report for Minnesota. We astounded even ourselves with the severity of last winter. In fact, we set a new record for days below zero and days where it never rose to freezing. The latter figure approached some 60 straight days. We had over 60 inches of snow and none of it melted until April. The dog would not leave until evicted from the house - it was necessary for his master to walk with him each morning before he would brave the windchill which was -60 degrees. We were snowed in on two occasions and unable to make it up our hill so many times that we lost count. The crowning blow was that our well froze on two occasions and we were without water. Aside from these minor inconveniences, we had a lovely winter.

The trees weathered the winter without any ill-effects and we have had record growth in our 2,500 and some trees currently under cultivation. We have determined that the Norway pine, the state tree of Minnesota, is in fact the best pine to grow in this area. Perhaps that is because it is the native pine and it out-performs all sorts of pines which have been imported by various types of environmental groups and local nurseries. The white oak grows at a record rate - that also must be related to the fact that it was one of the native trees in this part of the country, and in fact, shared with buffalo the terrain upon which we now stake our claim. Some of our white oaks which were planted as seedlings eight years ago are now 20 feet tall, not bad growth for what is supposed to be a slow growing tree. Our transplant mortality has been reduced to about 5 percent, but there is some morbidity associated with hand transplantation and we have shifted our emphasis to the new type of truncated cylinder truck-mounted mechanical transplanters which move trees 8 and 10 feet tall. We moved some large trees from our planting bed this year and we were impressed with the results.

Our children are continuing to please their aging parents. Laura, our daughter, passed her certified public accountant examination in Arizona and is trying to decide whether she should enter law school at Southern Methodist University or work for my brothers in the construction firm in Arizona. I believe she will do the latter and put law school on the back bench for the present. Thor graduated with highest honors in biochemistry at Princeton and after a year of miscellaneous activity (considered by his generation as obligatory) will enter medical school in 1980. John, our youngest son, has just finished a tour of duty in a kibbutz in Israel and is preparing to enter Southern Methodist University in the fall.

Lois and I were blessed with another year of good health and we have, therefore, very little to complain about. We enjoyed seeing all of our friends at Munich and hope to see more of you in Memphis. Our only other major trip was to the vasospasm meeting in Amsterdam and there again we ran into a good many of the Academy members. That was in fact an outstanding meeting, most everyone was quite candid about our lack of progress in the treatment of vasospasm, but it appears that a consensus is gradually evolving regarding it pathophysiology.

Here at the Clinic your old dad is standing in the middle of the ranks and not raising his hand. The Department is well and healthy under Ross Miller's guidance. We are adding a new man, Mike Ebersold, to replace Collie who plans to retire in one or two years. Burt, Ed, and Dave Piepgras round out our clinical department and do the bulk of the work. Fred Kerr remains active in research and we have a solid foundation in our basic sciences through his activities.

Ronald and Mary

TASKER

Mary and I are looking forward to seeing everyone in Memphis in November. At the Toronto General Hospital where I am now Head of the Division we are in the process of upgrading our functional and stereotactic unit, particularly through collaboration with Bill Tatton Director of the Playfair research unit at Toronto Western Hospital. We are also in the process of establishing a more sophisticated intensive care service for our many head-injured patients.

On the home front son James goes into II Electrical Engineering at Queens, daughter Moira into Ontario College of Art while Ronnie and Alison are in II & I high school respectively.



John and Susan

TEW

The past year has been associated with events which have caused intense emotional fluctuations. While we were attending the Academy meeting in Germany last November, our beloved colleague, Dr. Edgar Lotspeich, expired of a chronic illness which prematurely ended his remarkable contributions to the community and his associates. Ed was a quiet, gentle man, whose supportive role in the development of neurosurgery in Ohio and Northern Kentucky will be sorely missed. An educational center and library for neurosurgery at the Christ Hospital has been dedicated in his honor.

The Congress of Neurological Surgeons has announced that Frank H. Mayfield would be the honored guest for the 1979 annual meeting. We were all complimented and hope that many of Frank's Academy friends will be on hand to share in the activities which hold promise for social and scientific enlightenment.

During the past year, the Institute has continued to expand in several directions. Growth, always painful, has finally required the opening of additional office facilities. Fortunately in our case, expansion out of the commodious and pleasant building on Oak Street, which we have all come to cherish, was averted by the opening of an adjacent professional building at Bethesda Hospital. Our neurology associates and the beginning of an outpatient pain clinic (staffed by neurology and psychology staff members), rapidly filled this area.

Tom Saul, the most recent graduate of our Resident Program, has joined the Institute Staff and is spending a year as a Trauma Fellow at the Maryland Shock and Trauma Hospital. Dr. Saul will return in 1980 to direct the clinical and research efforts in trauma at Good Samaritan Hospital which has recently been designated as a Category I Trauma facility. Special units in trauma and spinal injury are being developed.

My free moments have been occupied during the recent months by increasing involvement in local and national educational affairs. On the local scene, we have enjoyed a continuing stimulation by visitors who come for special short courses, or one week review courses in the practical advances in surgery. The latter, a new experience, has proven particularly rewarding, for us as well as the four surgeons who attend each session. Of course we enjoy our short programs at Hilton Head each summer and appreciate the numerous Academy members who participate in this yearly event.

The Joint Educational Commission for Neurosurgery is seeing the completion of several projects this year:

1. The Self-Assessment Program developed in collaboration with the American College of Surgeons under Steve Mahaley.
2. A model for practice profile audit by Frank Wrenn.
3. The report of the Recertification Task force by Hugo Rizzoli.

Current opinion suggests that the strong impetus for mandatory recertification has vanished and that the cautious studied approach taken by neurological surgery has been wise.

At home, the children are growing wildly and have become more successful as athletic competitors. To date, no scholars have been identified among the three, but they are creditable students. Susan, regretfully, was unable to retain her title as Club Champion in singles and doubles tennis this year, which, as you might suspect, has prompted heightened intensity of practice and preparation for future matches.

Frank Mayfield and I shared some wonderful goose shooting experiences last winter with Academy members Drake, Mack, and Robertson. Not only were we successful in evaluating the effect of acute plumbism in the species anser Branta Canadensis, but the fellowship was outstanding, as ever.

We look forward to seeing you all in Memphis this fall.



George and Suzie

TINDALL

Enclosed is a snapshot of Suzie and myself taken recently by my nurse clinician which should suffice for THE NEUROSURGEON.

The past year has been a busy and productive year for both of us devoted in large part to the many facets of neurosurgery. I have passed the 500 mark now in my series of transsphenoidal operative procedures and I continue to be interested in the neuroendocrine aspects of pituitary surgery. Bill Collins and I have recently co-edited a book to be entitled *Clinical Disorders of the Pituitary Gland* which will be published by Raven Press in September. Another major undertaking of the past year has been the co-editorship with Don Long of a biweekly postgraduate neurosurgical update entitled *Contemporary Neurosurgery* which is being published by Williams and Wilkins. Currently much of my energy is being expended on putting together the scientific program for the AANS meeting in 1980 in New York. As scientific program chairman I am making a concerted attempt to involve many of the younger promising neurosurgeons in the program. All considered, however, the training of neurosurgical residents and the Emory University clinical practice continue to be the most challenging and fulfilling aspects of my life.

About 18 months ago Suzie decided to make a major change in her life. She closed her private neurology practice and entered neurosurgical residency training. To date she has completed the general surgical requirement and as of January 1979 has been a neurosurgical resident. This turn of events has needless to say, required many adjustments on both of our parts, particularly

when it comes to the rigorous call schedule of a neurosurgical resident. I am mastering the technique of warmed over microwave dinners, and Suzie feels the decision is one of the best she's ever made.

All of this leaves little free time for additional activities, but I continue to enjoy puttering in my greenhouse and Suzie continues the gradual remodeling job on our home which is slowly taking shape. We both look forward to attending the upcoming Memphis meeting.

Clark and Patty

WATTS

This past year has been a relatively quiet one for Patty and me. We have been able to increase our involvement in community affairs. For example, one group we belong to, "The Friends of Music", raises scholarships for music students at the University of Missouri and helps to coordinate the scheduling of music events in the city. Another group "The Westerners" studies the history of the settlement of the western half of the United States. We've found these activities to be quite rewarding.

A considerable amount of our energies in the past year has been directed toward remodeling efforts in our home and in my office. It has taken 3½ years to accomplish the latter (the University initially promised 6 months) but, the results have been well worth waiting for.

A major interest of mine has been our Neuroscience Study Group at the University of Missouri School of Medicine. When I arrived in January, 1976 there was no organized neuroscience activity. Our influence has now been felt. We were able to conduct a graduate course open to all students of the University (not just the medical students) this past summer. We utilized distinguished scholars from throughout the United States to discuss the latest developments in neuroendocrinology. In addition, our study group has been influential in revising the manner in which the School of Medicine teaches neuroscience to medical students. These changes will result in a required course on nervous system patho-physiology in the 2nd year and a required clinical block combining both neurology and neurosurgery.

We are also deeply involved in a major administrative reorganization of the relationship between the University Hospital, the Medical School, and the remainder of the University. I guess we will have to wait until next year to tell that final story.

Benjamin and Peggie

WHITCOMB

The American College of Surgeons has been most cooperative in helping neurosurgery establish its self-assessment examination with its confidential scoring method and compendium of correct answers with critique for each question and appropriate references. Every neurosurgeon should sign up for this, not only to show appreciation to the American College of Surgeons and Steve Mahaley, who has worked tirelessly with his committee to produce it, but because it will probably be the best self-assessment of our continuing education since we took the American Board examination.

Stimulated by the marathon activities of Charlie Wilson and a few other neurosurgeons, yours truly entered a five mile road race and won a trophy in the over forty group — for coming in *last* albeit my nearest competition chronologically was twenty-five years younger. I still seem to fare a little better in yacht racing, the latter being tougher on the blood pressure but a bit easier on the legs.

As Peggie and I enter the youth of old age, our principal concession to old age is to give up the black diamonds when skiing with our grandchildren and sticking to the intermediate trails.

We are looking forward to the Memphis meetings and hope to see some of the old charter members around.

Bud and Margle

WHITE

The White's have just moved into a new home. It's designed for Mom and Dad, since the baby, Britt, is now in college. Leanna is working for Mead Johnson as a drug representative for the Seattle area as Mike continues with his social work activities for the State of Washington. Henry and Terri still live in southern California and Henry is working for a grocery chain.

Personally, the neurobiology course for Allied Health students has been a rousing success. Last year we started a new course, Introduction to Neuroscience. It encompasses a rapid approach to the salient features of neurobiology in the first half of the quarter, followed by the application of this information in the social sciences. These include communication, language, ethics, behavioral science and philosophy. It is really enlightening to teach jointly with individuals from all of these areas.

In the laboratory our major quest has been the nucleus accumbens and its limbic relations and a new project on axo-axonic spine changes in the induced seizure focus of the rabbit.

From this basic interest we continue to bring the message of Neuroscience to all of the Neurosurgery conferences and when applicable, to other medical school activities. It is surprising to me how much more receptive and knowledgeable faculty outside of the medical setting are in the broad Neuroscience areas.

Although our progress has been slow, the Neuroscience Library and laboratory activities have been a source of personal pleasure to me. As I have said before, I believe this new discipline carries the potential of a bright future for Neurological Surgery and I can only strongly endorse Art Ward's comments at the joint meeting in Germany.



Charles and Roberta

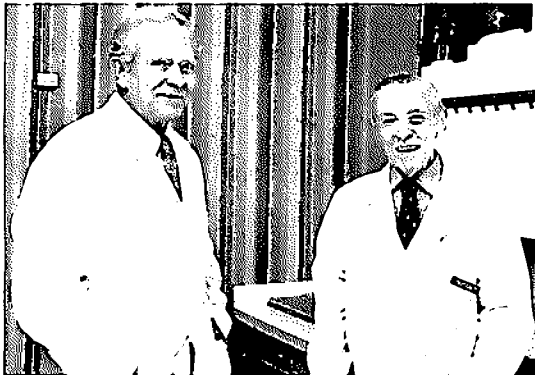
WILSON

Roberta and I were married earlier this year, an abrupt and delightful ending of my days as a bachelor. After considering the pros and cons of living in San Francisco, we've decided to remain in Tiburon and enlarge the present house.

All other news is less exciting. I'm still running, and my best time for a marathon this year is 3:07. I'm pushing to go under three hours. Happily, I'll be in a new age bracket (50-59) after August 31.

I'm working slightly more than last year. For one reason, Buz Hoff is in London for 6 months, and for another, I now spend ½ day in the laboratory.

Immediately prior to the meeting in Memphis, we will spend a few days in New Orleans. Roberta has never been there, so Phanor and I are sharing responsibility for a personally guided tour through my second favorite city.



Barnes and Frances

WOODHALL

A James B. Duke Professor of Neurosurgery Emeritus has very few activities except those he chooses to follow.

Frances still remains incapacitated and my major activity revolves around her care and entertainment and the like. She stems from the McLeod Clan and such a background helps.

I do not have a black and white photograph of her.

I continue as a National and Local Consultant to the Veterans Administration. I have visited 76 VA Hospitals and the associated University — a group widely distributed across the United States.

I am encouraging my natural bad humor by writing a book with the title of *Acronymia — Virus Disease of the English Language* — some 50 percent completed.

The VA asked for photographs of its consultants and I am enclosing one of Guy and myself — everyone seems pleased with it.

David and Myrna

YASHON

This year has been another good one for our family. My children are growing up like weeds. Jaclyn is starting Nursing School at Ohio State University and we are quite pleased. Lisa (age 16) is doing well at the Columbus School for Girls, and Steven (age 14) is doing well at the Columbus Academy. All three of the kids are honor students. We have moved into our new home, although it is 60 years old and gives us continual problems, it is delightful. Dr. Edward Sadar and myself have associated for our private practice and we are already too busy. The Medical College of Ohio State University has had several problems and an enormous turn-over of administrative personnel and nurses in the last year. Consequently the in-patient capacity has been cut to almost in half. Apparently this is true in many parts of the country, particularly at University Hospitals. At any rate, we are able to practice adequately in spite of the construction and hopefully it will improve in the near future. Please give my regards to fellow members of the Academy.

Nicholas T.

ZERVAS

Having moved across the town I have been quite busy re-establishing laboratories and restructuring the Neurosurgical Service. Have begun new programs in Neuro Oncology combined with the Neurology Service and this has been a great help in taking care of patients with malignant gliomas. Bone marrow rescue using BCNU is our current direction and it may have some promise for the future but only time will tell. The neurovascular section directed at vasospasm has been very active. Neuroendocrine disorders, particularly transsphenoidal surgery for large pituitary and for some microadenomas, occupies a good part of my time and am working on the way bromocriptine affects brain tumor growth. Among all of this I have an occasional glimpse of a tennis ball but the contact has been poor.

I am sorry that a suitable photograph has yet to be taken and probably never will be.

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Richard Pressley	1971
D. G. McLone	1972
Arden R. Reynolds	1973
Richard L. Rapport, II	1974
Andrew G. Shetter	1975
John S. Howe	1976
Howard W. Blume	1977
Howard J. Senter	1978
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1979

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A. Earl Walker, M.D.

**REPRESENTATIVE TO THE NATIONAL COMMITTEE FOR RESEARCH
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FOUNDED OCTOBER, 1938**

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	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 Valle Hospital London, W. 9, England	1974
Gösta Norlen, MD Neurokirurgiska Kliniken Sahlgrenska Sjukhus Goteborg, SV Sweden	1973
Keiji Sano, MD Dept. of Neurosurgery 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 - 38

		ELECTED
George S. Baker, MD 607 N. Litchfield Road Litchfield Park, Arizona 85340		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 Devon Apts. # 112 2401 Pennsylvania Avenue Wilmington, Delaware, 19806	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
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Arthur Elvidge, MD Montreal Neurological Institute 3801 University Street Montreal 2, Quebec, Canada		1939
Theodore C. Erickson, MD 425 No. Livingston Madison, Wisconsin 53706	Martha	1940

ELECTED

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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
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William S. Keith, MD 55 St. Leonard's Crescent Toronto, Ontario, Canada M4N 3A7	Eleanor	Founder

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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
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Lawrence J. Pool, MD Box 31, West Cornwall Connecticut 06796	Angeline	1940
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Juan C. Christensen, MD Ave. Quintana 474 8° A Buenos Aires, Argentina	1970
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Hans E. Diemath, MD Prim. Univ. Doz. Neurochir. Abt. D. Landersnervenklinik Salzburg, 5020, Austria	1970
Mr. John Gilligham Dept. of Surg. Neuro. The Royal Infirmary Lauriston Pl. Edinburgh, EH3 9YW	1962

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Mr. Richard Johnson Dept. of Neurolog. Surgery Royal Infirmary Manchester, England	1974
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Kristian Kristiansen, MD Oslo Kommune Ullevål Sykehus Oslo, Norway	1962
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Charles Suwanwela, MD Chulalongkorn Hosp. Medical School Bangkok, Thailand	1972
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William M. Lougheed, MD Toronto General Hospital # 124 170 St. George Street Toronto 5, Ontario, Canada	Grace Eleanor 67 Ridge Drive Toronto, Ontario Canada	1962
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1964

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John Raaf, MD 1120 NW 20th Avenue Portland, Oregon 97209	Lorene Founder 390 SW Edgecliff Road Portland, Oregon 97219
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Theodore S. Roberts, MD Division of Neurosurgery Univ. of Utah Medical Center Salt Lake City, Utah 84132	1977
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Anthony F. Susen, MD
3600 Forbes Avenue
Pittsburgh, Pennsylvania 15213

Phyllis 1965
3955 Bigelow Blvd.
Pittsburgh, PA

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, M5G 1L7

Mary 1971
12 Cluny Drive
Toronto 5
Ontario, Canada

John Tew, Jr., MD
Mayfield Neurological Institute
of Cincinnati, Inc.
506 Oak Street
Cincinnati, Ohio 45219

Susan
2145 East Hill Avenue
Cincinnati, Ohio 45208

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

Suzie 1968
859 Lullwater Parkway
Atlanta, Georgia 30307

ELECTED

Arthur A. Ward, Jr., MD Dept. of Neurological Surgery Univ. of Washington Hospital Seattle, WA 98105	Janet 3922 Belvoir Place NE Seattle, WA 98105	1953
Clark Watts, MD Univ. of Missouri-Columbia N522 Medical Center Columbia, Missouri 65201	Patty 213 Devine Court Columbia, Missouri 65201	1975
W. Keasley Welch, MD Children's Hospital Med. Ctr. 300 Longwood Avenue Boston, Massachusetts 02115	Elizabeth 25 Gould Road Waban, Massachusetts	1957
Benjamin B. Whitcomb, MD 85 Jefferson Street Hartford, Connecticut 06106	Margaret 38 High Farms Road West Hartford, Conn.	1947
Lowell E. White, Jr., MD Professor & Chairman Div. of Neurosciences Univ. of S. Alabama Mobile, Alabama 36688	Margie 912 Regency Drive W Mobile, Alabama 36609	1971
Robert Wilkins, MD Duke Univ. Med. Ctr. Box 3807 Department of Neurosurgery Durham, North Carolina 27710	Gloria	1973
Charles B. Wilson, MD Dept. of Neuro. Surgery Univ. of Calif. Medical Center Third and Parnassus San Francisco, CA 94122	Roberta	1966
Frank Wrenn, MD 123 Mallard Street Greenville, South Carolina 29601	Betty 712 Crescent Avenue Greenville, SC 29601	1973
David Yashon, MD 410 West 10th Ave., N. #911 Columbus, Ohio 43210	Myrna 5735 Saranac Drive Columbus, Ohio 43227	1972

ELECTED

**Nicholas T. Zervas, MD
Massachusetts General Hospital
Fruit Street
Boston, Massachusetts 02144**

**Thalia 1972
100 Canton Avenue
Milton, Mass. 02186**

DECEASED MEMBERS — 24

Dr. James R. Atkinson Phoenix, Arizona	(Active)	2-12-78 1970
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)	7-29-69 Founder
Dr. D.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 Mixer Woods Hole, Massachusetts	(Honorary)	3-16-58 1967

Dr. Sixto Obrador (Alcade) Madrid, Spain	(Honorary)	1978 1973
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. David H. Reynolds Tampa, Florida	(Active)	4-3-78 1964
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 Santa Barbara, 1953 Pebble Beach, 1959	Palm Springs, 1963 San Francisco, 1966 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 Islands, 1957	
GERMANY	Munich, 1978	
HAWAII	Mauna Kea, 1977	
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 Murphy

John Raaf

* * *

"PAST PRESIDENTS CLUB"

1938-39	Dean Echols	1958	Jess D. Herrmann
1940	Spencer Braden	1959	Edwin B. Boldrey
1941	Joseph P. Evans	1960	George S. Baker
1942	Francis Murphey	1961-62	C. Hunter Shelden
1943	Frank Mayfield	1963	Samuel R. Snodgrass
1944	A. Earl Walker	1964	Theodore Rasmussen
1946	Barnes Woodhall	1965	Edmund Morrissey
1947	William S. Keith	1966	George J. Maltby
1948	Howard A. Brown	1967	Guy L. Odom
1949	John Raaf	1968	James G. Galbraith
1950	E. Harry Botterell	1969-70	Robert H. Pudenz
1951	Wallace B. Hamby	1971	William B. Scoville
1952	Henry G. Schwarz	1972	Robert L. McLaurin
1953	J. Lawrence Pool	1973	Lyle A. French
1954	Rupert B. Raney	1974	Benjamin B. Whitcomb
1955	David L. Reeves	1975	John R. Green
1956	Stuart N. Rowe	1976	William H. Feindel
1957	Arthur R. Elvidge	1977	William Sweet
		1978	Arthur A. Ward

THE GRANDFATHERS' CLUB

George S. Baker
Tom Ballantine
Edwin B. Boldrey
E. Harry B. Botterell
Howard A. Brown
Gale G. Clark
Donald F. Coburn
R.L. De Saussure, Jr.
Charles G. Drake
Dean J. Echols
George Ehni
Joseph P. Evans
Robert G. Fisher
Eldon L. Foltz
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