

NEWSLETTER

CONGRESS OF NEUROLOGICAL SURGEONS

Vol. XLVIII

April 1988

Come to the Emerald City for the 1988 CNS Annual Meeting

Seattle — jewel of the Pacific Northwest — is the site of the 38th Annual Meeting of the Congress of Neurological Surgeons (CNS). The meeting will run from Saturday, September 24, through Thursday, September 29, 1988. Aptly named "The Emerald City," Seattle is more than just sensational scenery. In 1986, Rand McNally ranked Seattle the number one vacation destination in the U.S. and the number one recreational city for the fifth year in a row! Seattle is located on the eastern shore of the Puget Sound, which connects directly to the Pacific Ocean. Mountain ranges surround the city with the Cascade range to the east and the Olympic range to the west.

The climate is mild all year round. In September, the temperature averages 61 degrees with only 1.88 inches of rain. All of this adds up to wonderful weather for our meeting.

Visitors are astonished at the wealth of natural beauty. Touching the city's boundaries are thousands of square miles of evergreen forest and hundreds of miles of shoreline. Mount Rainier stands guard over the Seattle area, its snow topped peak being seen from miles in all directions. The wealth of activities in the Pacific Northwest provides an excellent opportunity for you to extend your stay and take advantage of this beautiful part of our country. Day trips or weekend vacations can easily be arranged since you will already be in the heart of this natural playground.

For those less inclined to the outdoors, Seattle's downtown area and immediate environs offer plenty of sightseeing and other activities. The well-developed waterfront is particularly interesting. Walking from pier to pier you can take in the many shops and restaurants. From the waterfront, you can board any type of boat imaginable and go out into the harbor and Puget Sound for sightseeing and a spectacular view of Seattle's impressive skyline. Nearby is the Pike Place Market. This genuine relic from a bygone era is a series of roofed and open-air stalls where gardeners and shopkeepers sell their produce, flowers, seafood and imported delicacies. Included are antique shops, handicraft shops, art galleries and restaurants. The colorful and unique atmosphere makes for "people-watching" at its best.

The Seattle Center is the 74 acre legacy of the 1962 World's Fair. The 607 foot Space Needle is the city's landmark. From the top, the panoramic view of the city, Puget Sound and the surrounding mountains is breathtaking. The Seattle Center is a hub of activity year round. The Pacific Science Center can easily occupy the better part of a day with all of its enjoyable, educational exhibits. Located on the southern end of the

waterfront is Pioneer Square, the city's preserved historic district. Many of the fine old brick and sandstone buildings have been restored, creating 6 square blocks of excellent shopping and dining with historic ambiance. Underground tours go beneath the cobblestone streets to provide a glimpse of Seattle, circa 1890.

All of these activities are easily accessible through Seattle's phenomenal transit system. Seattle's Metro has established the nation's first "free ride" in the downtown core. The Monorail will transport you quickly between downtown and the Seattle Center.

Seattle has established a reputation for dining excellence, with fresh seafood as the specialty. In addition, Seattle restaurants serve practically every ethnic origin international cuisine. An endless variety of atmospheres are available including: basements, hotel penthouses, alleys, old mansions, boats and piers. It will prove to be an excellent culinary experience.

As you can see, Seattle is filled with surprises that offer you a wide variety of pleasurable pursuits from the usual to the unique, from the vigorous to the vicarious. The Emerald City is certainly a number one ranked site for our annual meeting.



The Space Needle (foreground) in Seattle Center.

Scientific Program

Dr. L. Nick Hopkins and his enthusiastic Scientific Program Committee have developed an interesting and exciting educational experience befitting the city of Seattle. The headquarters for our meeting will be the Seattle Sheraton Hotel and Towers. Other hotels will include the Westin, the Olympic Four Seasons Hotel and the Hilton. All scientific meetings and exhibits will be conducted in the brand new Washington State Convention and Trade Center. This "state-of-the-art" meeting facility offers the perfect environment for a meeting such as ours. The theme for our meeting will be "Future Pathways in Neurosurgery: Clinical and Socioeconomics." We will examine the directions in which neurosurgery is headed for the remainder of the century. This will include General Scientific Sessions on socioeconomics, spine and vascular disease.

The Honored Guest is Mr. Lindsay Symon of London, England. He will share with us his experiences with his achievements in the fields of vascular and tumor surgery. One of the most respected neurosurgeons of our time, Mr. Symon's presence will ensure the scientific success of this meeting.

Using computerized registration and attendance statistics and the results of questionnaires, we have developed a Scientific Program which will be popular as well as of practical benefit to everyone. The General Scientific Sessions will include a major session on future health care delivery featuring the likes of Mr. David Jones, President and CEO of Humana Corporation. The Vascular Session will feature talks by Mr. Symon in addition to Dr. Grant Hieshima on the intravascular treatment of aneurysms and arteriovenous malformations. The Spine Session will focus on new neurosurgical directions in the treatment of lumbar spine disease, including instability. A fourth Session will center on difficult management problems in tumor surgery.

There will be three Special Courses this year. The topics will include "How to attack a malpractice suit", cranial nerve anatomy and surgery; and surgical strategies for brain tumor management.

The popularity of Practical Courses continues. As a result we have doubled the number of courses offered so that more people can be accommodated. Topics will include: operative positioning for success in neurosurgery; stabilization of the lumbar spine and cervical spine; percutaneous automated discectomy; approaches to intracranial aneurysms; and many more.

Luncheon Seminars have undergone a major change in format. The time allotted has been increased to allow presentation of alternate points of view on controversial topics or multiple speakers. Two experimental types of Luncheon Seminars will be introduced, including video seminars and interactive seminars that encourage audience participation in the session to enhance learning.

The integration of the Open Scientific Session with the joint section meetings proved successful last year and will be expanded. Some of the joint sections will present additional workshops. Furthermore, the now famous Yasargil tapes will once again be offered. This year they will be shown multiple times throughout the course of the meeting to assure greater availability.

Social Program

Dr. Kim Burchiel, Local Arrangements Chairman, has mobilized an enthusiastic neurosurgical community in Seattle and they are all anxious to show off the Emerald City. Along with Debbie Shields, Auxiliary President, Bonnie Hopkins and Lynn Saul, this Seattle team has produced a Social Program that will leave you wanting more.

Taking full advantage of what the city offers, tours are planned to satisfy the diverse interest of CNS members, their spouses and guests. Tours will begin on Sunday, September 25, as will the Scientific Program. Therefore, your arrival on Saturday, September 24, is strongly encouraged. Furthermore the best airfares will be available with a Saturday arrival. There will be multiple choices offered for a dining experience on Saturday evening. These will include a harbor cruise dinner; a Chinese banquet; dinner at the Space Needle; or a cozy dinner at a local wine bar.

City tours on Sunday can get you acquainted with Seattle and give you ideas for exploration on your own. A Northwest Winery tour will give you the opportunity to sample and buy the fine selections of Washington state wines.

A day tour to Mt. Rainier will get you out into the splendor of the Pacific Northwest. In addition, another tour will highlight a visit to Snoqualmie Falls, a 260-foot natural waterfall that is breathtaking. A Northwest Art tour will expose you to some of the art that is indigenous to this area of our country. This will include the famous glass art of the Pacific Northwest. This tour will be complemented by another tour to the Pilchuck Glass School. Situated on picturesque acreage, this is the world's leading school for the artists creating masterpieces of colorful glass art. A home tour will be conducted through some of the exclusive northwest neighborhoods. Several of the magnificent homes will be visited, including an architecturally unique floating home on Lake Union. Being the Emerald City, we have arranged a visit to one of the local establishments specializing in gems so that you can learn first hand about emeralds and other colored stones.

For the avid gardener, a visit to the famous Japanese Tea Garden in the University of Washington Arboretum will allow you to view the exacting splendor of oriental culture and beauty. You will also view an authentic Japanese Tea Ceremony.

Finally, a trip to Seattle would not be complete without a visit to the Boeing Everett 747 facility. This offers an in-depth view of the assembly of this huge aircraft as well as first hand insight into the airplane industry.

Each evening will be filled with fantastic opportunities for socializing and experiencing Seattle and northwest food and wines. Begin the week with the Opening Cocktail Party. This Pacific Northwest party will convert the Sheraton ballrooms into evergreen forests, mountain ranges and waterfalls with a multitude of local delicacies that will dazzle your palate. Washington state wines will be featured and representatives from the various wineries will be in attendance. This is the perfect way to "hook-up" with friends and plan the remainder of your week.

On Tuesday evening, board one of the Puget Sound cruise boats and enjoy a party cruise past lovely islands and inlets enroute to an authentic Salmon Bake at Kiana Lodge. This Indian lodge is located on a rustic 10 acre retreat that is beautifully landscaped. Enjoy Indian dancing, steamed clams and clam nectar followed by an authentic salmon barbeque served in a northwest Indian longhouse. End the

evening by cruising back to Seattle enjoying music, warm drinks and the glittering Seattle skyline.

Close out the social program Wednesday night by attending the Annual Banquet. This year's gala promises to be entertaining, exciting and fun. After a champagne reception, you will be ushered into the Sheraton Grand Ballroom with a beautiful Emerald City theme. Following the gourmet dinner, dessert will be enjoyed while watching the fabulous "Up With People" ensemble. This internationally acclaimed group of energetic young adults will entertain CNS members and guests creating an upbeat atmosphere. This will be followed by dancing to the contemporary songs and music of Teresa Carnovale and "City Life." Ms. Carnovale and her group have a popular repertoire of songs that are meant to be danced to or can be enjoyed by simply watching the act. This evening has been designed with one thing in mind — ENJOYMENT!

This year the Annual Meeting has been developed to please all segments of our membership and their guests. The continued renovation of the format and content of the Scientific Program promises to satisfy a large cross-section of practicing neurosurgeons. The Social Program offers something for everyone with an emphasis on fun and enjoyment. The location of this meeting is the highest ranked vacation and recreational site in the USA. This makes it ideal to extend your stay a few days or a week for a vacation you may otherwise never experience.

All of this adds up to one thing — SEE YOU IN SEATTLE!

Thomas G. Saul, M.D.

Meeting Space at the 1988 CNS Annual Meeting

The 1988 CNS Annual Meeting is being held in Seattle, Washington. The dates of the meeting are Saturday, September 24, 1988, through Thursday, September 29, 1988. If you have a need for meeting space to facilitate a group function, please notify Thomas G. Saul, M.D., the Annual Meeting Chairman, immediately. Send a written request including: name of group; contact person responsible; type of function; estimated attendance; and any special needs for the meeting.

Thomas G. Saul, M.D.
Chairman, 1988 CNS Annual Meeting
Mayfield Neurological Institute
506 Oak Street
Cincinnati, Ohio 45219
(513) 221-1100

Seattle News

The CNS Auxiliary would like to invite all spouses to join us in Seattle. Please be aware that the advance registration package to be mailed in July includes the Auxiliary Newsletter and the spouses' Auxiliary Activities Registration Form. If you and your spouse plan to attend the CNS Meeting from September 24-29, 1988, in Seattle, please make the advance information available to your spouse. This pre-registration will assist you in securing preferred activities. This advance notice will also enable us to plan more efficiently for the scheduled events. Hope to see you all there.

1988 Post Convention Meeting

After a hectic week at the 1988 Annual CNS Meeting in Seattle, plan to unwind and relax at the Post Convention Meeting to be held in Victoria, British Columbia, Canada. This trip has been designed specifically for relaxation and enjoyment in combination with a stimulating scientific program. Barbara and Brian Hunt have gone to great effort to make this Post Convention Meeting both convenient and enjoyable. The meeting will be held at the majestic Empress Hotel located on the inner harbor. This grand hotel has been in operation for over 75 years. Often referred to as "Little England," Victoria offers old world charm, quaint shops, and excellent dining. Arrangements have been made for the Post Convention group to depart Seattle at 2:00 p.m. on Thursday, September 29, 1988, via the Victoria Clipper. This highspeed catamaran has been chartered specifically for our group and will arrive in Victoria in 2½ hours for an enjoyable weekend stay in this lovely city. The return trip is scheduled for Sunday, October 2, 1988, via the Victoria Clipper. The Post Convention Meeting promises to be one of the most convenient that the CNS has been able to offer and the environment will provide just what we need at that time — relaxation! We hope to see you in Victoria following our Annual Meeting.



The Empress Hotel sits by the inner harbor of Victoria, British Columbia.

NEWSLETTER

Published by the Congress of Neurological Surgeons.

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Executive Committee Report

The Executive Committee of the CNS met on February 12 and 13, 1988, in Seattle, Washington — the site of the upcoming Annual Meeting. Current active membership in the CNS totals 2,320 with 205 international members and 210 senior members. The successful transition of the Treasurer's office between Albuquerque, New Mexico, and Gainesville, Florida, has been accomplished.

A report by Dr. Arthur L. Day and Dr. Hal L. Hankinson was presented to the Executive Committee to the effect that the 1987 Annual Meeting was both a scientific as well as financial success. Plans for the 1988 meeting in Seattle, Washington, were presented to the Executive Committee by Debbie Shields, Auxiliary President; Dr. Tom and Lynn Saul, Annual Meeting Chairpersons; Dr. Nick and Bonnie Hopkins, Scientific Program Chairpersons; Dr. Kim Burchiel, Local Arrangements Chairman; and Dr. Brian and Barbara Hunt, Local Arrangements Chairpersons for the Postconvention Meeting in Victoria. A spectacular scientific and social experience is predicted.

Dr. Martin B. Camins, Chairman of the Bylaws Committee, has arranged to have a new edition of the bylaws booklet for the CNS published and mailed to each member within the near future. Accompanying the bylaws booklet will be the rules and regulations of the newly established Professional Conduct Committee.

Dr. Hankinson, our Future Sites Chairman, reported that the following venues have been selected for upcoming annual meetings:

1990	Los Angeles	1993	Vancouver
1991	Orlando	1994	Chicago
1992	Washington, D.C.	1995	San Francisco

Montreal is a likely candidate for the 1996 meeting.

The CNS in conjunction with the American Association of Neurological Surgeons (AANS) has approved the formation of a Spine Task Force. Members of this organization will be nominated from the CNS, AANS, American Board of Neurological Surgery (ABNS), and the Residency Review Committee. Its purpose will be to enhance and foster further educational opportunities in spine stabilization for neurosurgical training programs.

Dr. Larry D. Tice, Membership Chairman, presented 39 new candidates for membership in the CNS. All were approved unanimously by the Executive Committee. Drs. David Piepgras, Peter Heilbrun, and Merwyn Bagan have agreed to serve two-year terms on the CNS Nominating Committee.

Dr. William F. Chandler, Resident Committee Chairman, reported that approximately 70% of eligible residents in the United States and Canada are now resident members of the CNS. Dr. Eric Zager, from the Massachusetts General Hospital, has been awarded the CNS Clinical Fellowship for 1988. His plans call for postgraduate training in peripheral nerve surgery.

The Cushing stamp will be placed into service on June 17. All members of the AANS will receive a First Day of Issue postcard bearing the Cushing stamp. The Executive Committee voted unanimously to provide First Day of Issue postcards to all CNS members who are not currently AANS members.

Plans for identifying a central coordinator for the Head and Spinal Cord Injury Prevention Project are underway. Although this project is costly, both the AANS and CNS are enthusiastic about its value as a public education effort.

Through the Joint Council of State Neurosurgical Societies (JCSNS), close tabs are being kept on the American Medical Association's (AMA) resource-based RVS system of medical reimbursement. The Executive Committee heard brief reports from its representatives on the ABNS, the American College of Surgeons, the AMA, the National Committee on Research, and the World Federation of Neurosurgical Societies.

The next meeting of the officers and members of the CNS Executive Committee will be July 9, 1988.

Steven L. Giannotta, M.D.
Secretary, CNS

Report from the Joint Council of State Neurosurgical Societies

The JCSNS, in an attempt to deal with the increasingly complex socio-economic issues confronting neurosurgeons in this country, is expanding its role by becoming more involved in projects. In years past the primary role of this committee has been to comment upon, attempt to modify, and to establish policy as the socio-economic arm of the CNS and AANS. That has not been the only function of JCSNS or its predecessor, the Joint Socio-Economic Committee (JSEC). The Washington Committee is an outgrowth of JSEC. JCSNS, through its Manpower Committee (Dr. Augie Geise, Chairman) was instrumental in developing the current Neurosurgery Questionnaire. The information obtained from this study should supply needed information in helping our specialty deal with the Hsiao Resource Based Relative Value Study.

Dr. Larry Pitts will be the luncheon speaker at the JCSNS Meeting in Toronto on April 23. The Manpower Committee, chaired by Dr. Donald Sheffel, is beginning to work with Dr. Pitts in a program to evaluate regional trauma care delivery across the country. The Medico-Legal Committee, chaired by Dr. Ben Blackett, will conduct a seminar on "How to defend against a malpractice suit" at the CNS Meeting in Seattle. The Medico-Legal Committee has also been quite active in developing and updating the AANS Expert Witness File. This file lay dormant for some years but has been revised and edited, primarily through the efforts of Dr. Harold Portnoy, and is a valuable repository for records of expert medical testimony.

It is no secret that socio-economic matters have become increasingly important to organized neurosurgery in the past ten years. One of the weaknesses perceived by JCSNS in dealing with matters of such importance to our field is the lack of a well developed neurosurgical society in many states. Attempts are being made to communicate with the state and regional society presidents across the country in hopes of energizing those state neurosurgical societies which have been dormant. The JCSNS grows and performs directly in relationship to the interest and strength of its component state societies. We consider the JCSNS an excellent breeding ground for young neurosurgeons interested in becoming active in organized neurosurgery and preparing for leadership positions. A number of officers and past presidents of the CNS and AANS honed their talents in JSEC. We continue to encourage neurosurgeons throughout the country, whether they are at the beginning, middle, or the peak of their careers, to become active in their state neurosurgical societies and to send their best men to the JCSNS. There has never been a greater need.

Paul D. Croissant, M.D.
Chairman, JCSNS

Washington Committee Report

Organized Neurological Surgery was presented with a challenge and splendid opportunity when Congressman Silvio O. Conte (R-Mass.) called for the Congress to enact a resolution declaring 1988-1998 "The Decade of the Brain." In introducing his resolution he noted the advances in brain and clinical research and said:

"These are thrilling times for our scientists who find themselves on the threshold of revelations that promise relief from deadly crippling diseases and disorders and their consequences. Each advance in basic and clinical research has a spillover effect that covers a multitude of diseases. The new technology enables scientists to draw conclusions from information never before available. Knowledge of how the brain works and how disease can cause it to malfunction is now truly at a point where scientists may soon divert the destructive course of mental, neurological, and communicative disorders.

The cadre of needed basic and clinical scientists is in place. The decade of brain research has started with the promise that there is hope through research for preventing or treating the most dreaded of all human afflictions — destruction of the brain. Enactment of this joint resolution will serve to focus enough attention to sustain a 10-year war to accomplish that end."

Simultaneously, the Office of Technology Assessment, an arm of the Congress, identified the topics in brain research that have the greatest potential to impact on our society in the next decade. They listed neural transplants and nerve regeneration, biological rhythms and worker performance, neurotoxicity, and biochemical bases of mental illness.

Residents' Corner

Resident Membership

Nearly 75% of neurosurgery residents throughout the United States and Canada, plus another 30 from Mexico, are now Resident Members of the CNS. Although we encourage residents to sign up as early as possible during their training, it is never too late to be worthwhile. For just a one-time fee of \$25.00 residents receive a free yearly copy of *Clinical Neurosurgery*, a reduced rate for "Neurosurgery," and a number of discounts at the Annual Meeting. I have recently sent blank application forms to each of your program directors.

1988 CNS Clinical Fellowship

Congratulations to **Eric Zager, M.D.**, from the Massachusetts General Hospital Program. Eric has received funding from the CNS Clinical Fellowship program to study clinical and research problems related to peripheral nerves.

A reminder that CNS Clinical Fellowships are potentially available to all resident members of the CNS. Up to five Fellowships are awarded each year with amounts up to \$5,000. These funds are intended to sponsor a clinical experience of from 3 to 6 months either immediately following training or during the last months of residency. The deadline for applications for next year's Fellowships will be January 15, 1989.

The Washington Committee, in an attempt to meet the challenge, developed the following recommendations:

- Funding for two multi-disciplinary/multi-institutional research centers to address the problem of neurological impairment, including those from premature birth.
- Provide increased support at the National Institutes of Health (NIH) for genetic research.
- Implement the recommendations of the Institute of Medicine study "Injury in America," which, among other things, would include:
 - Directing the NIH to initiate specialized program project grants for trauma and head injury research.
 - Provide funding for a National Spinal Cord/Head Injury Trauma Registry at the Centers for Disease Control.
 - Provide funding for Spinal Cord and Head Injury Prevention Programs.
- Direct the NIH to accelerate research support for cellular microbiology as it applies to neural implants.
- Make provision for an Institute of Medicine study of the medical, ethical and moral issues of tissue transplantation for certain neurological disorders.
- Develop and implement a plan to fund basic and clinical research for spinal disorders including lower back pain.
- Develop a long-term congressionally mandated plan for the modernization of science laboratories and equipment.
- Implement the recommendations of the Institute of Medicine study on pain.

The Washington Committee has made provision for Dr. Bagan to testify before the House of Representatives and the Senate Health and Human Services Appropriations Subcommittees on the specifics of these proposals.

The Washington Committee intends to take full advantage of this heightened awareness of the need for increased support for basic and clinical research.

Charles L. Plante Merwyn Bagan, M.D.

Transition Year

For those residents completing training in 1988 it is very important that you send me your new addresses as of July 1988. If we have new addresses you will receive a free copy of *Clinical Neurosurgery* and the "Newsletter" for one additional year.

Contributions to Residents' Fund

The following corporations donated money at the 1987 Annual Meeting in Baltimore to support resident activities. These funds are greatly appreciated and make possible many of the resident projects throughout the year.

Codman and Shurtleff, Inc.	BFW
Aesculap Instrument Corp.	Downs Surgical, Inc.
Cordis Corp.	Edward Weck and Co.
Stortz Instrument Co.	New Medico
American V. Mueller	Win Hirsch and Assoc.
Ortho-Mold, Inc.	Medco, Inc.
Midas Rex	Video Journal of
Levtech, Inc.	Neurosurgery
PMT Corp.	Ethicon
Ruggles Corp.	Radionics

William F. Chandler, M.D.
University of Michigan Medical Center
1500 E. Medical Center Drive
Ann Arbor, MI 48109

Section News

Joint Section on Trauma

We are pleased to indicate that preparation is proceeding nicely for the new volume, *Cerebral Spinal Trauma*, edited by Drs. Lawrence Pitts and Franklin Wagner. This volume has the endorsement of the Joint Section on Trauma and will be a "how I do it" volume, directed to general surgeons and neurosurgeons. It will be published by Thieme Publishing Co., Inc.

Once again, a resident research award has been sponsored by the General Motors Corporation for the upcoming CNS meeting in Seattle. This award is designed to provide tangible support for neurosurgical residents interested in the care of head-injured patients. Selected presentations will be presented at the Seattle meeting. Awards of \$3,000, \$1,000 and \$500 will be given for the three best papers. However, this year travel expenses will not be included in the award. Both clinical and basic research papers will be considered. The papers should be submitted to Dr. Guy Clifton, Medical College of Virginia, Department of Neurosurgery, Box 433, MCV Stations, Richmond, Virginia, 23298-0001. The deadline date is June 1, 1988.

The state and regional designation of trauma centers is becoming increasingly common. Additionally, the American College of Surgeons (ACS) is drafting a verification program to evaluate hospital trauma capability. The Joint Section on Trauma recognizes the crucial role of high quality neurosurgical care in trauma. In this regard, a registry is being established to certify neurosurgical site reviewers to state and regional trauma center designating agencies, as well as to the ACS verification program. Basic qualifications include: American Board of Neurological Surgery certification, and significant past and ongoing neurotrauma experience as evidenced by current clinical practice and trauma-related research for publication. Neurosurgeons interested in being included in the registry should provide a curriculum vitae and contact: Dr. Jack Wilberger, Director of Neurotrauma, Allegheny General Hospital, 320 E. North Ave., Pittsburgh, PA 15212.

The Florida legislature recently passed two bills pertaining to trauma funding. One provided for a state-wide trauma registry, authorizing the establishment of local and regional trauma agencies, requiring transport of trauma victims to trauma centers, and calling for a study of uncompensated trauma care costs. The second bill provides funding for 911 systems development. While these await gubernatorial approval, they may provide a framework in that state for improving organized trauma delivery.

Brian T. Andrews, M.D.

Joint Section on Tumors

The Joint Tumor Section sponsored a workshop on the "Treatment of Spinal Cord Tumors" at the Baltimore CNS meeting. A syllabus is being prepared for distribution to all active and resident members.

The Research Committee of the section is completing a survey of Neuro-Oncology Fellowships available in North America; a comprehensive listing will be distributed soon to all members and neurosurgery program directors.

The Research Committee is also compiling a list of clinical protocols presently being used to treat patients with malignant brain tumors; the information will be distributed to the neurosurgical community. Both the surveys of Fellowships and treatment protocols will be updated yearly.

Subscriptions to the monthly abstract publication "Cancergrams - CNS Malignancies" will be mailed to each active section member.

Please contact the Secretary/Treasurer if there is any question about dues payment and contact the New Membership Committee Chairman, Dr. Peter Black, Division of Neurosurgery, Brigham and Women's Hospital, 75 Francis Street, Boston, MA 02115, if you desire active or resident membership in the Section.

The Preuss Foundation has agreed to provide a Resident Research Award at each meeting of the AANS and CNS. Applicants are requested to submit standard 250 word abstracts to the AANS or CNS and to prepare an expanded 1,500 word abstract that will be requested by the Awards Committee of the Section shortly after AANS or CNS abstract receipt. The deadline for receipt of expanded abstracts will be one week after the deadline imposed by the AANS and CNS; therefore, an early abstract submission is suggested.

Mark L. Rosenblum, M.D.

Announcements

Foundation for International Education in Neurosurgery

The Foundation for International Education in Neurosurgery (FIENS) has as one of its goals the maintenance of a roster of neurosurgeons in international service. These opportunities are usually in developing areas of the world where modern neurosurgical units are being established, or in areas where the number of neurosurgeons available for maintenance of services is limited. Interested neurosurgeons may join the roster by completing an application form available from:

Edward R. Laws, Jr., M.D.
2150 Pennsylvania Avenue, N.W.
Washington, DC 20037

Active applicants on the roster will be notified of opportunities as they arise.

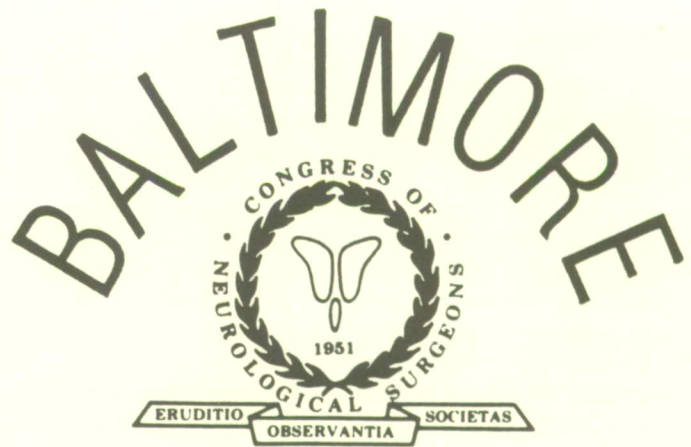
The Cervical Spine Research Society Award for Cervical Spine Research

The Cervical Spine Research Society is offering a \$2,500 prize for basic or clinical research on the cervical spine. Competing papers must contain original material not previously published or submitted for publication. The single or multiple authored manuscripts should not exceed 30 double-spaced, typewritten pages. The work is to be submitted in a form suitable for submission to a scientific journal. Five copies of the paper, each with illustrations, should be submitted to the following address before August 1, 1988:

Sanford J. Larson, M.D., Ph.D.
Department of Neurosurgery
8700 West Wisconsin Avenue
Milwaukee, WI 53226

The papers will be reviewed and judged by the Research Committee of the Cervical Spine Research Society.

One of the authors should be prepared at personal expense to attend the Society's meeting in Key Biscayne, FL, from December 7-10, 1988, to present the paper and receive the award.



On Audiocassette Tapes

OCTOBER 25 - 29, 1987

CONGRESS OF NEUROLOGICAL SURGEONS - 37th ANNUAL MEETING WAS PROFESSIONALLY RECORDED BY INFOMEDIX. AUDIOTAPE COPIES OF THE PRESENTATIONS ARE AVAILABLE BY MAIL ORDER. PLEASE CHECK THE BOX BY THE TAPES YOU WISH TO ORDER.

PROGRAM No. AT284

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> AT284-1ABC
\$27.00
(3 tapes) | Surgical Stabilization of the Unstable Cervical Spine,
V. Sonntag, F. Geisler, J. McWhorter, G. Syper | <input type="checkbox"/> AT284-16
\$9.00 | Controversies in the Management of Cervical Spondylosis,
J. Hoff, R. Saunders, J. Epstein, R. Raynor |
| <input type="checkbox"/> AT284-8ABC
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(3 tapes) | Joint Section on Cerebrovascular Surgery,
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S. Peerless, R. Spetzler | <input type="checkbox"/> AT284-18
\$9.00 | Principles of Spine Fusion,
D. Prolo, G. Syper, D. Maiman |
| <input type="checkbox"/> AT284-13
\$9.00 | New Modalities of Brain Tumor Management,
P. Kelly, S. Powers, M. Mahaley, P. Gutin | <input type="checkbox"/> AT284-IIABC
\$27.00
(3 tapes) | The Art & Science of Managing Brain Tumors, D. Davis,
M. Apuzzo, P. Kelly, R. Ojemann, M. Salcman,
M. Rosenblum; Special Lecture, Rabbi H. Kushner;
Presidential Address, D. Quest |
| <input type="checkbox"/> AT284-14
\$9.00 | Selected Problems in Peripheral Nerve Surgery,
S. Tindall, J. McGillicuddy, D. Kline, J. Campbell,
L. Hopkins | <input type="checkbox"/> AT284-225
\$9.00 | Asset Protection & Estate Planning,
C. Henderson, H. Shapiro, Esq. |
| <input type="checkbox"/> AT284-IABC
\$27.00
(3 tapes) | The Art & Science of Critical Care, L. Pitts, H. Belzberg,
M. Mahaley, A. Popp, W. Shucart, L. Disney,
R. Spetzler; Honored Guest Presentation, T. Langfitt,
E. Pellegrino | <input type="checkbox"/> AT284-IIIABC
\$27.00
(3 tapes) | The Art & Science of Pain Management,
D. Long, K. Foley, N. Hendler, J. Loeser,
T. Langfitt, R. Penn, B. Nashold, R. Young |
| <input type="checkbox"/> AT284-129
\$9.00 | Aneurysms: Critical Factors & Surgical Outcome,
B. Weir, G. Allen | <input type="checkbox"/> AT284-329
\$9.00 | Medical Treatment of Spinal Cord Injury,
G. Zorman, B. Green, E. Flamm |
| <input type="checkbox"/> AT284-131
\$9.00 | Principles of Cerebral Protection,
J. Hoff | <input type="checkbox"/> AT284-331
\$9.00 | AIDS and the Neurosurgeon,
R. Morawetz, R. Levy |
| <input type="checkbox"/> AT284-135
\$9.00 | Lawsuit Defense: Acquiescence vs. Aggression,
R. Heros, M. Hill | <input type="checkbox"/> AT284-333
\$9.00 | Intracranial Suppuration,
E. Neuwelt, M. Rosenblum |

* The sessions above are a partial list. For a complete list please contact InfoMedix.

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Linda Campbell Receives Award

The Congress congratulates Linda Campbell, CNS Convention Services Manager, on being awarded the "I Will" award by the Chicago Society of Association Executives for 1988. This organization consists of greater than 1,200 executives with representation from the American Bar Association, American Medical Association, American College of Surgeons, etc. We are all very proud of Linda's accomplishment.

Candidates for Membership To be Submitted to the Executive Committee for Approval in July 1988

Barnett, Gene H.
Beyerl, Brian D.
Blacklock, Jerry Bob
Camel, Mark
Canavati, Isa S.
Chyatte, Douglas
Crone, Kerry R.
Davis, Raphael
Engelhard, Herbert
Gehring, Randy L.
Ghajar, Jamshid
Heffez, Dan S.
Kesterson, Oliver Lee
Llaguno, Aloysius V.

Metcalf, James C., Jr.
Moss, S. David
Mushaweh, Yarob Naji
Olds, Meredith V.
*Panagopoulos, Kanaris
Raffel, Corey
Ribovich, Thomas Charles
*Sbeih, Ibrahim Abedl-Aziz
Schell, Gerald Russell
Vollmer, Dennis G.
Warren, Ronald K.
Wu, Julian
Zamorano, Lucia

*Indicates International Membership.

New Member Development

All new members are encouraged to participate in the various committees of the CNS. Several scientific, annual meeting, and standing committees have openings for enthusiastic young members who have an interest in broadening the scope of their professional life. Too often young men

and women neglect participating in organized neurosurgery for the first few years of their profession. As the CNS is an organization of young neurosurgeons, one has the opportunity to interact with his or her peers at a national level. Early involvement in the CNS is important as the age limit for holding office is 45 years old or younger. A list of committees which you can participate in are:

Annual Meeting Committees	Standing Committees
Exhibits	Clinical Neurosurgery
Host	Historian & Archives
Local Arrangements	Joint Committee on Devices & Drugs
Public Relations	Joint Committee on Education
Scientific Session	Joint Council of State Neurosurgical Societies
International Scientific Program	Joint Section on Spinal Disorders
Luncheon Discussion Groups	Joint Section of Tumors
Special Courses	Joint Section on Trauma
General Interest Workshops	Joint Section of Cerebrovascular Surgery
Sergeant-at-Arms	Resident Committee
Poster Session	Washington Committee
Videotape Library	

If you are interested in becoming involved in any of these committees, please contact the Chairman of the Membership Development Committee — Michael McWhorter, M.D., President-Elect, Bowman Gray School of Medicine, Winston-Salem, NC 27103.

An evening reception will be held for new members and their spouses at this year's CNS Annual Meeting in Seattle. Everyone who has become a new member within the past two years is invited. This reception will take place in the Cirrus Room at the Seattle Sheraton Hotel on Sunday, September 25, 1988. Members of the CNS Executive and Committee Chairmen will be present to discuss the role of the many committees.

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