The Harold D Paxton Endowed Professorship in Neurological Surgery Education

Named in honour of Harold D Paxton, MD, former head of the division (now department) of neurological surgery at Oregon Health Sciences University, 1966-1991, and in keeping with his philosophy and approach to neurological surgical education, this endowed professorship will support the development and implementation of the most advanced and innovative methods in neurological surgical education.

This special professorship will be filled by an academic neurological surgeon with a national reputation for education, innovation and state-of-the-art approaches to neurosurgical teaching techniques.

The professorship will oversee a scope of training and curriculum development that will include applications of patient simulation, robotics, virtual reality, education and psychomotor theory and uses of the internet in a training environment. This unique professorship will help to further advance the Department of Neurological Surgery and its academic training program.

Harold D Paxton, MD

Harold D Paxton’s distinguished medical career has spanned more than fifty years. Dr. Paxton joined the faculty at the School of Medicine at Oregon Health Sciences University in 1956 as a Clinical Assistant Professor in the Division of Neurosurgery. In 1966, he was appointed professor and head of the division retiring in 1991 as Professor Emeritus. During his career, Dr. Paxton’s academic accomplishments have been widely praised by his colleagues and peers. He pioneered major advancements in neurological surgery research and neurological surgery techniques; published numerous books, monographs and articles; and provided strong leadership to the OHSU neurosurgery teaching faculty in their training of graduate residents preparing for careers in neurosurgery.

Dr. Paxton has had a profound influence as a teacher and mentor to many neurosurgeons during their residency training at OHSU. It is among his former students that “Pax” is held in the highest regard with deep respect for his professionalism, expertise, compassion and humanism.

In addition to his highly respected career as a physician, surgeon and educator, Dr. Paxton also served as a visiting professor to the Department of Surgery at the University of Nairobi, Nairobi, Kenya, where he established one of the first neurosurgical programs in Africa. He also served as an advisor to the University of Nigeria, Benin City, Nigeria, where he helped establish that country’s first medical school. A graduate of Princeton University and Johns Hopkins School of Medicine, Dr. Paxton served as a neurosurgeon in the US Army Medical Corps retiring with the reserve grade of colonel.

A reception was recently held at the 2000 American Association of Neurosurgeons, San Francisco, in honour of Dr. Paxton

Dr. Paxton was honoured by his colleagues and peers (more pictures on page 2).
The Department of Neurological Surgery and its faculty were pleased to invite J Patrick Johnson, MD, Visiting Professor Lecturer. The Visiting Professor Lectures feature some of the most outstanding medical professionals in the field of Neurological Surgery. Guests are invited to present cases of interest for discussion. Dr. Johnson discussed SPINAL SURGERY IN THE NEW MILLENNIUM on Saturday April 1, 2000.

Johnny B Delashaw, Jr, MD  
Director, Visiting Professor Lectures

Dr. Johnson is Co-Director of UCLA’s Comprehensive Spine Center. He specializes in spinal stabilization, re-operative spinal procedures and spinal instrumentation and spinal column tumors. This state-of-the-art Spine Center is a program encompassing all aspects of intra- and extra-spinal microsurgery from the skull base to the sacrum. A full range of spinal instrumentation procedures are performed for stabilization of degenerative, neoplastic, and traumatic etiologies. Spinal cord tumors, vascular malformations, and spasticity are treated in collaboration with specialists in those areas. Special clinical research and interest areas are minimally invasive spinal surgery and treatment of Arnold-Chiari malformation and syringomyelia.

Dr. Johnson’s current research and clinical investigation relate to the spinal anatomy. Dr. J Patrick Johnson and Dr. Kim J Burchiel

Polyaxial cervical plating system.  
Bone morphogenetic protein (BMP) in lumbar fusion.  
Image-guided and minimally invasive spinal surgery protocols.  
Development of computerized image guided spinal stereotaxic technology.  
Outpatient lumbar microdiscectomy.  
Spinal cord regeneration in experimental syringomyelia.

How You Can Help?

It will require $1 million in gifts and commitments to establish the Harold D. Paxton Endowed Professorship in Neurological Surgery Education. Your support of this vital professorship is needed. Gifts from fellow-faculty, emeritus faculty, alumni, former patients and friends are actively solicited through an on-going fund drive with a goal to appoint the Paxton professorship in the 2003 academic year. Individuals interested in supporting this special project should contact:

Robert Mims  
OHSF Neurosciences  
Director of Development  
(503) 412-6359

or

Randy Petty  
OHSU School of Medicine  
Director of Development  
(503) 494-0595

In the News

Dr. Mary Heinricher now a member of the Integrated and Cognitive Neurosciences Study section 4, which evaluates grants related to somatosenses and pain, was an invited speaker at the Spring Pain Conference, Cayman Islands, May 2000.  
Dr. Thomas Baumann, was one of 12 neuroscience panelists who participated in the first NIH Workshop on Trigeminal Neuralgia (TN): Opportunities for Research and Treatment, September 14, 1999. The workshop focused on identifying areas of new research and collaboration, providing fresh insights relevant to neuropathic pain in particular trigeminal neuralgia.

A profile of Dr. Johnny Delashaw was featured in the Longview WA Daily News “This Sunday” February 27, 2000. A dossier in the Autumn 1999 issue of the Oregon Health magazine featured Dr. Stanley Barnwell. This same issue featured information related to the Oregon Stroke Team “A Stroke of Luck”, of which Dr. Barnwell is an active member. Oregon Health magazine Autumn 1999 issue, also featured an article “House of Pain”, in which Dr. Kim Burchiel and Larissa Jeffries contributed their perspectives on neurosurgical intervention in the treatment of pain patients at OHSU.

Dr. Paxton and Dr. Bob Simons  
Dr. Paxton and Dr. Fredrick Waller  
Dr. Paxton and Dr. Shokei Yamada  
Dr. Paxton and Dr. Kim Burchiel
In Memorium: John E Raaf, MD

Following a remarkable 50 year career as Oregon’s senior neurosurgeon, and a lifetime that spanned nearly the entire twentieth century, John E Raaf, MD died at home on April 11, 2000 at the age of 94 following a brief illness. Dr. Raaf was born on November 12, 1905 in Hailey, Idaho, the only child of Dr. John J Raaf and Madge Hart. His father was one of two physicians in the untamed mining town of Hailey (long before this area became the ski resort Sun Valley), and John E accompanied his father on house calls that in those days might include surgery in the kitchen or living room, with a member of the family administering a chloroform or ether anesthetic.

John E earned both his bachelor’s and medical doctorate degrees at Stanford University. Two years of residency in general surgery at the University of Rochester, New York, were followed by a fellowship in general and neurological surgery at the Mayo Clinic in Rochester, Minnesota. There, he performed research on tumors of the cerebellum that earned him a PhD in Neurosurgery. In 1936, at the invitation of Dr. Thomas M Joyce, chairman of the Department of Surgery at the then University of Oregon Medical School, Dr. Raaf moved to Portland to join the medical school faculty and begin a private practice. He taught neurological surgery at the Oregon Health Sciences University for many years, rising to the rank of Professor, until 1986 when he became Clinical Professor Emeritus. Dr. Raaf began the first neurological residency program in Oregon in 1947 and was responsible for training a generation of Oregon’s neurosurgeons. His busy practice and later teaching centered at Portland’s Good Samaritan Hospital and Medical Center. In 1938, following the premature death of the first neurosurgeon in Oregon, Dr. A J MacLean, John Raaf became the only neurosurgeon on the West Coast between Seattle and San Francisco. A large part of his practice involved operating on trauma patients with head injuries. Before World War II it was thought that such patients should not be moved, so Dr. Raaf traveled by car and small plane all over the Pacific Northwest to care for these patients. He achieved national recognition for his success in saving seriously injured patients by aggressive surgery to relieve pressure from intracranial bleeding. He described his methods and experience at medical society meetings and by authoring numerous papers for the medical literature.

Dr. John E Raaf participated in and indeed founded many professional medical societies in this country. He was the last surviving founder of the American Association for the Surgery of Trauma and also served as its president. He was a founder and president of the American Academy of Neurological Surgery, the American Association for the Surgery of Trauma, and the Western Neurosurgical Society. Dr. Raaf was president of the Portland Academy of Medicine, Portland Surgical Society, and Pacific Coast Surgical Association. He was a founder of the Oregon Neurosurgical Society and the American Trauma Society, and he served as vice president of the American Association of Neurological Surgeons, Western Surgical Association, and the American College of Surgeons.

A strong, athletic man, John Raaf learned to hunt and fish from his physician father while growing up in Idaho. His father was an avid sportsman who took a shotgun with him on house calls, often bringing home a pheasant or sage hen for dinner. John E said he observed his father bag 40 birds one season without missing a single shot. As a student at Stanford, John E excelled in the sport of boxing, an unlikely choice for a future neurosurgeon. A “Golden Glove” award hangs from his key chain. In Portland he took up rowing on the Willamette, horseback riding, and playing squash rackets, but his greatest love for the rest of his life was fly-fishing on the Rogue River in southern Oregon. His ability to cast a fly across the white water of the Rogue bordered on an art form. His family and a close group of neurosurgical friends were fortunate to be invited each fall to the annual meeting of the “Rogue River Neurosurgical Society”, during which the ‘scientific program’ was replaced by dawn to dusk angling for trout and steelhead salmon, and celebrating success with the famous Rogue River gin fizz.

His patients, friends, and colleagues will remember John E Raaf as a gentle, compassionate, skillful surgeon who was a pioneer in establishing the field of neurosurgery in the western United States. He is survived by his beloved wife of 63 years Lorene Rardin Raaf, age 93; two children, Dr. John H Raaf of Cleveland, Ohio and Jean Raaf Binnewies of Portland; four grandchildren, Jennifer, John C, Sabrina, and Margot; and two great-grandchildren, Carly and Justin. A private family service will be held at Trinity Episcopal Church. His remains will be cremated and interred in a myrtlewood grove beside the Crooked Riffle on the Rogue River. The family requests remembrances be sent to the Department of Neurosurgery, c/o Bryce Helgerson, Oregon Health Sciences University, in support of the John Raaf Chair in the Neurological Sciences.
The John Raaf Lecture 2000

The Department of Neurological Surgery is proud to recognize the accomplishments of John Raaf, MD, widely regarded as the father of neurosurgery in the state of Oregon. Dr. Raaf advanced the profession during his years as chairman of the Department of Neurosurgery at Good Samaritan Hospital, for creating an outstanding resource for the neurosciences community in the Pacific Northwest.

The 10th John Raaf Lecture

The John Raaf Lecture for 2000 will feature William A. Buchheit MD, FACS. Dr. Buchheit was educated in the local school systems in Greensburg, Pennsylvania, and graduated from Mercerbury Academy in 1951. His undergraduate education was at Duke University, where he graduated in 1955. His graduate work was in the Department of Neuroanatomy at Loyola University School of Medicine, and then at Temple University where he received his MD degree in 1960. His internship was at Pennsylvania Hospital, the nation's first, and it was followed by a year of General Surgery at Boston University Hospital and Boston City Hospital. His neurosurgical residency was at Temple University, the residency completed in 1966. In 1966 he joined the faculty at Temple University where he remained until 1994. He rose through the ranks, becoming professor and chairman in 1975. In 1994, after many years at Temple, he moved to Thomas Jefferson University as a consequence of Jefferson’s affiliation with both Wills Eye Hospital and Pennsylvania Hospital. These merged hospitals became a major neurosurgical center, and he was asked to become the program director and chief at Thomas Jefferson. He has been President of the American Academy of Neurological Surgery, an officer of the Congress of Neurological Surgeons, on the board of directors of the AANS, President of the Society of University Neurosurgeons, the Pennsylvania Neurosurgical Society, and the Mid-Atlantic Neurosurgical Society, and a member of ABNS. Amongst many surgical interests his primary interests are in Acoustic Tumors.

Date and Location

Saturday, October 7th 2000 at Oregon Health Sciences University. A continental breakfast will be served at 8:30am. The program will run from 9:00am to noon. For further details, contact Joanie Mastrandrea (mastrand@ohsu.edu) 503-494-6207.

Past John Raaf Lecturers

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<td>Lawrence F Marshall MD</td>
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<td>John A Jane MD PhD</td>
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<td>Julian T Hoff MD</td>
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<td>Albert L Rhoton Jr MD</td>
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<td>Martin H Weiss MD</td>
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<td>Robert H Wilkins MD</td>
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<td>John M Tew Jr MD</td>
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<td>Donlin M Long MD PhD</td>
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<td>Robert Grossman MD</td>
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Faculty

Jennifer Kernan, MD joined the Department of Neurological Surgery as Assistant Professor at the Veterans Affairs Medical Center in July 1999. Dr. Kernan represents OHSU Department of Neurological Surgery providing general neurosurgical services for the Portland VAMC Hospital and Clinics. Dr. Kernan completed her undergraduate training at Brown University in 1989, majoring in Latin and neuroscience. She earned her MD degree from New York University in 1993. Dr. Kernan’s surgical internship and neurosurgical residency was completed at OHSU in 1999. Her current research interests, include: outcomes research and clinical research design, and completing a Master’s degree in Public Health at OHSU, (majoring in epidemiology & biostatistics). Dr. Kernan serves on the Young Neurosurgeon’s Committee and as the YNC liaison to the Joint Outcomes Committee. Her clinical interests include all areas of general neurosurgery. Her husband, Jeffrey Spear, is the Director of Product Development at an internet startup company in the Portland area, and they have one child.

Nathan Richard Selden MD, PhD joined the Department of Neurological Surgery as Assistant Professor in the Division of Pediatric Neurosurgery, in May 2000. Dr. Selden first moved to Portland at age 7 when his father, the late Dr. Richard Selden, became Associate Professor of cardiology in the Department of Medicine at OHSU. The younger Dr. Selden was educated in Portland schools, including Lincoln High School, and at the Phillips Exeter Academy in New Hampshire. He studied human biology as an undergraduate at Stanford University, earning a BA degree in 1986. In his final year at Stanford, Dr. Selden was awarded a Marshall Scholarship for three years of study in England. He used his award to earn a PhD in neuroscience at Cambridge University, where he studied the function of brainstem neurotransmitter systems. After returning to the United States in 1989, Dr. Selden completed his MD degree at Harvard Medical School, earning honors for his study of the effects of Alzheimer’s disease on the chemical anatomy of the brain. Dr. Selden completed a surgical internship and neurosurgical residency at the University of Michigan from 1993 to 1999. During his chief residency, Dr. Selden received the 1998 Award of the American Academy of Neurological Surgery. He also undertook postdoctoral fellowships in pediatric neurosurgery and in neuroanatomy at Northwestern University Medical School. Dr. Selden’s current interests include the treatment of hydrocephalus, spina bifida, pediatric brain and spinal cord tumors, movement disorders, pediatric vascular lesions, spinal and cranial vault reconstruction, and nervous system trauma in children. His research in neurochemistry, neuroanatomy and spinal cord injury has been published in international journals, including Neuroscience, The Journal of Neuroscience, and Neurosurgery. Dr. Selden is an outdoor enthusiast and has enjoyed skiing, backcountry hiking, rafting and canoeing in Oregon since he was a child. His wife, Karen Selden, MD is a plastic and reconstructive surgeon and they have one child.
**Recent Funding/Research**

**Drs. Delashaw and Anderson**

Open-label, multi-center, clinical trial of Gliadel as a component of combination therapy (tumor resection with Gliadel implant, fractionated radiation therapy and stereotactic radiosurgery) in patients with newly diagnosed malignant glioma.

Sponsor: New Jersey Med Sch
Award: $6,250 (dependent on patient enrollment)

**Dr. J Delashaw**

Skull Base Fellowship Grant 1999 - Present Synthes/Anspach

**Dr. Chesnut**

TBI Rehabilitation the Argentina Project-Funded May 2000
Principal Investigator, Randall Chesnut, MD, OHSU
Co-Investigators
- Luis Camputaro, MD, Hospital Italiano Buenos Aires, Argentina
- Nancy Carney, PhD, OHSU
- Hugo du Coudray, PhD, OHSU
- Gustavo Petroni, MD, Medicas de la Universidad Nacional Rosario City, Argentina
- Ignacio Previgliano, MD, JA Fernandez County Hospital Buenos Aires, Argentina
- Carlos Rodina, MD, Hospital de Emergencias Rosario City, Argentina
- Pablo Schoon, MD, Medicina de la Universidad Buenos Aires, Argentina
- Walter Videtta, MD, Hospital Nacional, Buenos Aires, Argentina

Under the direction of Dr. Chesnut, the Neurotrauma Research Group at OHSU, in collaboration with the Argentinean Society for Intensive Care Therapy (SATI)1 will conduct a study that will compare outcomes of patients with TBI who receive post-discharge rehabilitation with those who do not, using a case-controlled cohort design. OHSU is a site for one of 17 TBI Model System centers funded by NIDRR. The National TBI Model System program has collected and maintained data for approximately 10 years, extending from acute hospital care through long-term recovery, about patients with TBI who receive rehabilitation. Following established guidelines for using these data, the investigators will acquire information on approximately 200 patients from the National Data Set to form the treatment group in this study. Argentinean investigators will contribute 200 patients to form the control group for this study – the group of TBI patients who do not receive rehabilitation following hospital discharge. A team of SATI physicians in Argentina have established a system for prospectively collecting data about patients with TBI admitted to their hospitals for acute care. 1 Acronym derived from Spanish version of title.

**Drs. Baumann and Burchiel**

The Neurophysiology of Trigeminal Neuralgia- Nov 2002

Trigeminal neuralgia (TN) is an excruciating facial pain syndrome that affects mainly older patients. The purpose of this project is to produce, for the first time, neurophysiological observations from humans with TN that can be correlated with the patient’s own sensation of the neuralgic pain. Microelectrode recordings in the trigeminal ganglion and nerve are performed intraoperatively in patients before they undergo percutaneous gangliolysis for the treatment of pain. The goal of the study is to determine whether the pathophysiological mechanism of the pain is due to abnormal action potential discharges in trigeminal primary afferent (sensory) neurons.
The creation of the Dana Alliance for Brain Initiatives, a nonprofit organization of more than 185 preeminent neuroscientists. Including 7 Nobel laureates, dedicated to advancing education about the personal and public benefits of brain research, and the Society for Neuroscience, national organizations dedicated to finding the cause and cure for neurological diseases and disorders. A chapter of the Society for Neuroscience has recently been formed in Oregon at OHSU. Events were held at Oregon Museum of Science and Industry. Dr. Burchiel represented the Department of Neurological Surgery, presenting perspectives of Neurosurgery in the new millennium.

Parkinson's Awareness Month April, 2000
The Parkinson’s Center of Oregon at OHSU, http://www.ohsu.edu/som-neuro/parkinsons, a National Parkinson Foundation Center of Excellence, http://www.parkinson.org/usacent.htm, provides Parkinsons patients, family members, caregivers, and medical professionals important information about Parkinsons disease and the resources available from the Parkinson’s Center of Oregon (PCO).

Stroke Awareness Month May, 2000
The Oregon Stroke Center, http://www.ohsu.edu/stroke an alliance of physicians from Oregon Health Sciences University and Providence St. Vincent Medical Center, recognized National Stroke Awareness Month in May.

new faculty/fellows/employees cont...

Hugo du Coudray, PhD is Professor Emeritus of Psychology in Portland State University and Adjunct Professor in the Departments of Neurological Surgery and Emergency Medicine, School of Medicine, OHSU. He is co-investigator on the Oregon Traumatic Brain Injury Model System Project. His research interests are in Psychological theory and field research.

Fellows

Priya Chaudhary, PhD joined Neurological Surgery in February 1999 as a postdoctoral fellow in Dr. Baumann’s laboratory. Dr. Chaudhary, originally from India, receiving a fellowship from the Council of Scientific and Industrial Research, received her PhD in 1997 from University of Pune, India. Chaudhary then moved to the US and was a postdoctoral fellow, in the Department of Ophthalmology, New York Medical College, NY, through 1999. In March 2000 Dr. Chaudhary received a National Research Service Award, from NIH. “Modulation of neuronal excitability by neuropeptides” (see research funding page 7). Presently, Dr. Chaudhary is engaged in understanding the mechanisms of pain in trigeminal neuralgia (TN).

George J Kaptain MD, will be joining Neurological Surgery as Skull Base Fellow in June 2000. Kaptain is presently a neurosurgery resident at the University of Virginia. He received his undergraduate degree at Wesleyan University, CT in 1989. Kaptain, then attended University of Virginia, VA where he received his MD degree in 1993. Dr. Kaptain’s neurosurgical residency at University of Virginia has included a Fellowship in Neuropathology in 1997 and a fellowship in Spinal Surgery in the Dept. of Orthopedics in 1998 and a year as specialist registrar at the Derriford Hospital in Plymouth UK.

Ilyas Munshi MD will be joining Neurological Surgery as Functional and Stereotactic Fellow in June 2000. Munshi, originally from Zambia, is presently a Resident in Neurosurgery, Dept. of Surgery, Univ. of Chicago. Munshi received his undergraduate degree in Electrical Engineering and Computer Science in 1990 and in 1989 received the National Engineering Consortium’s William L Everitt Award for excellence in Computer Engineering. Munshi, then attended Rush Medical College where he received his MD degree in 1994.

Intern

Matthew Hunt MD joins Neurological Surgery in July 2000 as Intern in General Surgery. Matt originally from Baton Rouge, LA spent most of his youth in Louisville, KY. Dr. Hunt received his BA in Chemistry in 1996 from Williams College, Williamstown, MA, then returned to Louisville, receiving his MD in 2000 at University of Louisville. Hunt’s interests include rowing, flying, and reading. Dr. Hunt is looking forward to joining Neurological Surgery and spending time in Portland.

Employees

Cynthia Davis-O’Reilly joins Neurological Surgery as Senior Research Assistant, Community Resource Advocate and Student Program Coordinator, with the Neurotrauma Research Group.

While finishing her BS in Social Sciences from Portland State University, Cindy assisted on the Evidence Report on Rehabilitation for Persons with Traumatic Brain Injury (TBI). After
Bryce Helgerson, MHA joined the Department of Neurological Surgery, in December of 1999, as Department Director. Originally from a small town of 1500 people in Northeast Iowa, Helgerson received a BA in Biology and Chemistry from Luther College in Decorah, IA. Helgerson then spent two years in the Department of Surgery at the University of Iowa Hospitals and Clinics in Iowa City, IA in clinical research. Helgerson then attended Washington University School of Medicine in St. Louis receiving a Master's Degree in Health and Business Administration, after which he came to OHSU to complete a year long Administrative Fellowship in Hospital Administration. Following completion in 1998 he went to work for a local consulting company specializing in hospital and professional accounts receivable and business process reengineering and worked on projects at the University of California San Francisco and Stanford University. Helgerson enjoys traveling, water and snow skiing, golf and time with family in Iowa.

April Liebelt patient care leader and surgery scheduler, assumed the role of Director of Operations, in April 2000. The director is lead supervisor of non-research departmental staff and works with policy development and projects to improve departmental customer service and efficiency.

Jodi Philips joined the Department of Neurological Surgery, in March of 2000, as Surgery Scheduler for Drs. Barnwell, Burchiel, Piatt and Selden. Melissa Bogges is now Surgery Scheduler for Drs. Chesnut, Delashaw and Frank.

Concerned about security and confidentiality of your OHSU workstation. There are some simple steps you can take to protect you and your documentation.

**passwords**
- Do not leave your OHSU workstation on all-day with your e-mail account open, or LCR. Log-out when you need to leave your workstation, or have a screen saver with a pass word pop-on when you are gone.
- Use a password to access your e-mail.
- Do not share your personal passwords.

**Virus/Trojan-horse**
- Make sure your Virus detection system is up to date and that you know how it works.
- Don't recognize that e-mail address...don't open, delete.
- Attachments from an unknown source...don't open, delete.
- Do you know the source of files is secure and virus free?
- Don't forget your lap-top!

“leave it on, leave it off debate”
- Leaving your workstation on means anyone can sit down at your terminal and access your files, unless you have them all password protected or use a password protected screen saver.
- Leaving on (24hr/dy) is a power drain on campus resources.
- Native Portland power-surgeries/outages. (NB, a power strip does not necessarily offer surge protection, check that you have a surge protector.)
- Switching off and on will not necessarily wear out your computer, (this is Y2K).

the quagmire is looming larger...do not panic!
How can you increase your technology skills, maximize productivity, and maintain acceptable use of your OHSU workstation?
- Develop some personal guidelines which maximize appropriate use of your OHSU workstation, e-mail and the internet.

A user of university computing resources shall not use those resources for personal commercial purposes or for personal financial or other gain, except as may be authorized under policy 03-30-020 (Outside Employment and Compensation policy) or institution established newsgroups. Incidental personal use of university computing resources for other purposes is permitted when it does not unreasonably consume those resources, does not interfere with the performance of the user’s job or other university responsibilities, consume an unreasonable amount of the user’s time and is otherwise in compliance with this policy. Further limits may be imposed upon personal use in accordance with normal supervisory responsibility.

- Raise your awareness about common problems and solutions.
- Take the time to take-care of your OHSU workstation.
- ITG, Edu-Tech, the BICC Library and Corporate Financial Services offer classes to help employees develop necessary computer skills. For more information bookmark [http://www.ohsu.edu/bicc-edutech/classes/other-training.html](http://www.ohsu.edu/bicc-edutech/classes/other-training.html) (The “Cracking the Case” class offered by ITG for free, literally it involves cracking open a computer case.)
- You don’t have to be a computer engineer to use your workstation efficiently, and appropriately.
- Finally, know your limitations, if you don’t know how to replace the clutch then don’t try, it is time to call the mechanic.

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Happy computing!
You can Help the Department of Neurological Surgery Meet its Mission

The Department of Neurological Surgery has a variety of programs that support research and resident/fellow education. Listed below is a brief description of the different activities supported by these funds.

- **Raaf Chair**: This endowed Chair supports research in neurological surgery and neurosciences.

- **Paxton Fellowship**: This endowed professorship will support the development and implementation of the most advanced and innovative methods in neurological surgical education. This special professorship will be filled by an academic neurological surgeon with a national reputation for education, innovation and state-of-the-art approaches to neurosurgical teaching techniques.

- **Neurosurgical Educational Gifts**: Providing support for numerous endeavours, in keeping with Neurological Surgery’s mission statement. Emphasizing innovation and the dissemination of new knowledge; development of curricula and an environment that stimulates the spirit of inquiry; research into the prevention and cure of neurological disease and disability.

If you would like to make a tax deductible contribution to any of these funds, please make your check payable to “OHSU-Dept. of Neurological Surgery” and submit it to **Bryce Helgerson at the address below, along with a copy of this page and the fund(s) you wish to contribute to checked off**. You will receive a letter stating that you have made a tax deductible donation as proof of your charitable giving.