Brain, Spine and Central Nervous System

Your 2014 guide to adult patient referral

To refer a patient or consult with our team, please call 503 494-4567 or toll-free 800 245-6478

To transfer a patient to OHSU call 503 494-7000

www.ohsubrain.com
Dear colleague,

We are committed to partnering with you to provide the finest care for your patients with musculoskeletal, mental and neurological disorders ranging from the straightforward to the most complex.

The OHSU Brain Institute is a national leader in neuroscience patient care, research and education. We provide the most comprehensive care for neurological conditions in the Pacific Northwest, and consider it a privilege to share in the care of your patients to help provide the best outcomes possible.

Our focus on research and clinical trial opportunities can make a difference in providing earlier detection, accessing new treatments and therapies and improving the quality of life for your patients of every culture and background. OHSU’s Telemedicine Network is also improving health care access to OHSU Brain Institute specialists throughout Oregon and southwestern Washington.

For questions about OHSU’s referral process, our Telemedicine Network or to consult with a specialist, please call our Physician Consult & Referral Service at 503 494-4567 or toll-free at 800 245-6478.

Sincerely,

Kim Burchiel, M.D., F.A.C.S.
Chairman, Department of Neurological Surgery

Dennis Bourdette, M.D., F.A.A.N.
Chairman, Department of Neurology

George Keepers, M.D.
Chairman, Department of Psychiatry

Jung Yoo, M.D.
Chairman, Department of Orthopaedics and Rehabilitation
To refer a patient for a consult, call:
503 494-4567 or 800 245-6478 toll-free

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Quick reference of provider teams

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Hormozd Bozorgchami, M.D. .................................................. 23
Justin Cetas, M.D., Ph.D. ........................................................ 25
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James Cereghino, M.D. ........................................................... 25
Katherine Dodson, M.N., F.N.P. ............................................ 27
Antonia Gragg, P.A.-C ............................................................ 30
Justin Meuse, M.D. ............................................................... 36
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FACIAL PAIN
Kim Burchiel, M.D., F.A.C.S. .................................................. 24
Antonia Gragg, P.A.-C ............................................................ 30

MULTIPLE SCLEROSIS
Dennis Bourdette, M.D., F.A.A.N .......................................... 23
Michelle Cameron, M.D. ....................................................... 24
Edward Kim, M.D. ............................................................... 33
Michele Mass, M.D. .............................................................. 36
Rebecca Spain, M.D., M.S.P.H. ............................................ 42
Ruth Whitham, M.D. ............................................................. 44
Vijayshree Yadav, M.D. ........................................................ 44

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Aging, Alzheimer’s Disease and Dementia

In Oregon, more than 76,000 adults have Alzheimer’s disease or a related disorder. These types of dementias are especially common with increasing age. Up to half of octogenarians — the fastest-growing segment of the population — will develop cognitive impairment or dementia.

The Layton Aging and Alzheimer’s Disease Center at OHSU is dedicated to providing an integrated program of diagnosis, treatment and research. As one of only 29 Alzheimer’s Disease Centers for research in the U.S., a designation bestowed by the National Institute on Aging, the center is truly one of a kind in Oregon.

Staff members are focused on research aimed at detecting and preventing cognitive decline at its earliest stages, even prior to developing symptoms. At the same time, research directed toward managing symptoms of dementia in those already affected is also an important focus. Accordingly, priority is placed on patients participating in clinical trials.

Services offered by the team include:
- Assessment for Alzheimer’s disease and dementia
- Experts experienced in initial evaluations
- Second opinions
- Clinical treatment trials for Alzheimer’s disease

Clinic location:
OHSU Center for Health & Healing, 8th Floor
3303 S.W. Bond Ave.
Portland, OR 97239

Clinic providers:
Karen Dellinger, M.D. ................   27
Deniz Erten-Lyons, M.D. ................   28
Jeffrey Kaye, M.D. .....................   32
Barry Oken, M.D.  ......................   38
Joseph Quinn, M.D. .................   39
Lisa Silbert, M.D.  ....................   41
Amyotrophic Lateral Sclerosis (ALS) and Neuromuscular

The OHSU ALS multidisciplinary clinic coordinates appointments and disease management for patients with ALS and other motor neuron diseases. Services include physical, occupational, swallowing and speech therapies, as well as medications. Other services provided include:

- Treatment for amyotrophic lateral sclerosis (Lou Gehrig's disease)
- Focus on relief of symptoms, such as muscle twitching, cramps and salivary flow
- Opportunities to enroll in clinical trials

The neuromuscular team operates under the Neuromuscular Disease Center at OHSU, which provides diagnostic evaluations, specialty care services and electrodiagnostic studies for patients with disorders of the peripheral nerve, neuromuscular junction and muscle. These disorders include:

- Inflammatory myopathies (such as polymyositis, dermatomyositis and inclusion body myositis)
- Mitochondrial myopathies
- Metabolic myopathies (such as Pompe, Debrancher and McArdle's diseases)
- Muscular dystrophies (FSH, Duchenne, Becker, limb-girdle and oculopharyngeal)

- Myasthenia gravis and Lambert Eaton Syndrome
- Myotonic dystrophies
- Polyneuropathies (hereditary, inflammatory, metabolic, toxic and others)
- Spinal muscular atrophy
- Plexopathies, mononeuropathies and polyradiculopathies

We also perform in-office open muscle biopsies. Additional services include nerve conduction studies and electromyography including single-fiber EMG, autonomic function testing and skin biopsies to assess for small fiber/autonomic neuropathy.

Clinic location:
OHSU Center for Health & Healing, 8th Floor
3303 S.W. Bond Ave.
Portland, OR 97239

Clinic providers:
Julie Khoury, M.D. .................. 32
Tessa Marburger, M.D. ............. 35
Cerebrovascular Disease/Stroke

The OHSU Stroke Center is the first comprehensive stroke center in Oregon designated by The Joint Commission and offers a full range of services including advanced therapies for stroke and aneurysms. The center offers a specialized team that is available 24/7 for the treatment of acute strokes, led by stroke neurologists working in collaboration with neurological surgery, interventional neuroradiology, neurocritical care and vascular surgery.

Surgical and interventional therapies include carotid stenting and endarterectomy, aneurysm coiling and clipping, clot retrievals, intra-arterial thrombolysis and bypass surgery. Risk evaluations and innovative stroke prevention treatments are also available for patients who may be at increased risk for stroke. The OHSU Telemedicine Network provides patients in community hospitals immediate access to stroke neurologists 24/7.

Clinic location:
3181 S.W. Sam Jackson Park Rd.
Hatfield Research Center, 13th Floor
Portland, OR 97239

Clinic providers:
Stanley Barnwell, M.D., Ph.D. ........ 22
Hormozd Bozorgchami, M.D. ........ 23
Justin Cetas, M.D., Ph.D. .......... 25
Wayne Clark, M.D. ................. 27
Aclan Dogan, M.D. .............. 28
Helmi Lutsep, M.D. ............. 35
Gary Nesbit, M.D. ............... 37

For acute stroke patient transfers to OHSU, please call the Transfer Center at 503 494-7000.
Epilepsy

The OHSU Comprehensive Epilepsy Center is a multidisciplinary group of physicians, nurses, psychologists and neuroscientists dedicated to the evaluation and treatment of epilepsy. As the only university-based epilepsy program in Oregon, the center has become a state and national resource, providing comprehensive clinical care, innovative research and consultation to referring physicians throughout the region.

The center is recognized by the National Association of Epilepsy Centers as a level 4 epilepsy center. Level 4 epilepsy centers have the professional expertise and facilities to provide the highest level of medical and surgical evaluation and treatment for patients with complex epilepsy.

Services offered include:
- Expert consultations regarding seizures or spells resembling seizures
- Medical and neurosurgical treatment options
- Epilepsy Monitoring Unit
- Innovative new treatments such as resective epilepsy surgery, the first FDA approved closed-loop responsive brain stimulation system in which OHSU was a key enroller for the clinical trial

Clinic location:
OHSU Center for Health & Healing, 8th Floor
3303 S.W. Bond Ave.
Portland, OR 97239

Clinic providers:
Kim Burchiel, M.D., F.A.C.S. ............... 24
James Cereghino, M.D. .................. 25
Katherine Dodson, M.N., F.N.P. ........ 27
Antonia Gragg, P.A.-C. ................. 30
Justin Meuse, M.D. ..................... 36
Paul Motika, M.D. ....................... 36
Ahmed Raslan, M.D. ..................... 39
W. Brewster Smith, M.D. ............... 41
David Spencer, M.D. ................... 42
Katie Thompson, P.A.-C, M.P.T. ....... 42
Victoria Wong, M.D. ................... 44
Facial Pain

OHSU’s Facial Pain program offers hope for people with facial pain and disorders such as trigeminal neuralgia (tic douloureux). Over the past five years, the program has successfully treated more than 1,000 patients with this disorder.

The Facial Pain program offers the best available medical and surgical techniques, including:

- Microvascular decompression (MVD)
- Trigeminal rhizotomy
- Radiofrequency gangliolysis/neurolysis
- Subcutaneous trigeminal nerve branch stimulation

The program also has developed a unique computer survey that allows patients to learn if they may be suffering with trigeminal neuralgia.

To access the questionnaire, visit www.ohsu.edu/facialpain.

Clinic location:
OHSU Center for Health & Healing, 8th Floor
3303 S.W. Bond Ave.
Portland, OR 97239

Clinic providers:
Kim Burchiel, M.D., F.A.C.S. ...........   24
Antonia Gragg, P.A.-C. .................. 30
Multiple Sclerosis

The OHSU Multiple Sclerosis Center is one of the nation’s premier MS research and treatment centers dedicated to helping people with MS lead better lives through state-of-the-art medical research, the latest treatments and a full range of services. The center is a member of the Nancy Davis Center Without Walls, a network of the nation’s top seven MS institutions and the Consortium of MS Centers.

Our team of neurologists, nurses and research staff work closely with physical, occupational and speech therapists along with other specialists experienced in treating MS patients. We often join forces with experts from around the world to find new cures and improve the quality of patients’ lives.

The OHSU Multiple Sclerosis Center provides:

- One of the largest treatment clinics in the Pacific Northwest
- Opportunities to participate in internationally recognized research
- Experts in the diagnosis and treatment of MS
- Rehabilitation services

Clinic location:
OHSU Center for Health & Healing, 8th Floor
3303 S.W. Bond Ave.
Portland, OR 97239

Clinic providers:
Dennis Bourdette, M.D., F.A.A.N. ..... 23
Michelle Cameron, M.D. ............ 24
Edward Kim, M.D. ................. 33
Michele Mass, M.D. ............... 36
Rebecca Spain, M.D., M.S.P.H. .... 42
Ruth Whitham, M.D. .............. 44
Vijayshree Yadav, M.D. .......... 44
Nerve

The OHSU Nerve Center provides diagnosis and treatment for most types of nerve injuries, nerve disorders and diseases. We offer comprehensive clinical care, innovative research and treatment options for patients and consultation to physicians through the region.

Our goal is to collaborate closely with you, partnering for the best possible patient care and outcomes. Your patients with nerve conditions benefit from our comprehensive, multidisciplinary approach. Each patient is unique and receives an individualized care plan with input from the team.

Our team includes specialists in:

- Neurodiagnostics
- Neurology
- Neurosurgery
- Orthopaedics
- Pain management
- Physical medicine
- Plastic surgery
- Rehabilitation

By focusing on early intervention, we can help maximize patient outcomes, allowing for improved function and minimized pain.

**Clinic location:**
OHSU Center for Health & Healing, 8th Floor
3303 S.W. Bond Ave.
Portland, OR 97239

**Clinic providers:**
Kim Burchiel, M.D., F.A.C.S. ........... 24
Hans Carlson, M.D. .................. 24
Nels Carlson, M.D. ................... 25
Antonia Gragg, P.A.-C. ............... 30
Julie Khoury, M.D. ................... 32
Adam Mirarchi, M.D. ................. 36
Robert Orfaly, M.D. .................. 38
Joel Solomon, M.D. ................. 41
Brett Stacey, M.D. ................... 42

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Neuro-oncology/Skull Base

The Neuro-oncology and Skull Base Neurosurgery program includes neurosurgical therapies for skull base tumors, acoustic neuromas and vascular lesions (aneurysms, arteriovenous malformations). Our multidisciplinary team is comprised of specialists from the following areas:

- Endocrinology
- Neuroradiology
- Endovascular neurosurgery
- Head and neck surgery
- Neurological surgery
- Neuro-otology
- Neuro-ophthalmology
- Otolaryngology (ear, nose and throat)

Frequent collaborators also include specialists from the following:

- Audiology and physical medicine
- Medical oncology
- Neurology
- Neuropathology
- Neurophysiology
- Neuroradiology
- Occupational therapy
- Ophthalmology
- Physical therapy
- Plastic surgery
- Speech therapy
- Radiation oncology
- Rehabilitation

Clinic location:
OHSU Center for Health & Healing, 8th Floor
3303 S.W. Bond Ave.
Portland, OR 97239

Clinic providers:
Peter Andersen, M.D., F.A.C.S. ....... 22
Justin Cetas, M.D., Ph.D. ............. 25
Aclan Dogan, M.D. .................. 28
Julie Falardeau, M.D. ............... 29
Maria Fleseriu, M.D., F.A.C.S. ....... 29
Edward Neuwelt, M.D. .......... 37
Anh Nguyen-Huyhn, M.D. .......... 37
Dara Ono, P.A.-C. .................... 38
Ahmed Raslan, M.D. ............... 39
Janette Remling, P.A.-C. .......... 40
Nathan Sautter, M.D. ............. 40
Timothy Smith, M.D. .............. 41
Katie Thompson, P.A.-C, M.P.T. ....... 42
Frank Warren, M.D. ............. 44
Neurology — Comprehensive Adult

The Comprehensive Adult Neurology Clinic cares for patients with diseases of the brain, spinal cord, nerve and muscle. We also provide Sleep Medicine services, and can provide initial assessment and streamline patients’ future appointments with other neurology or neurosurgery specialists. The Comprehensive Adult Neurology Clinic is a good place to start if you are unsure where to refer your patient.

Clinic location:
OHSU Center for Health & Healing, 8th Floor
3303 S.W. Bond Ave.
Portland, OR 97239

Clinic providers:
Karen Dellinger, M.D. ................ 27
Alexandra Dimitrova, M.D., M.A. ...... 27
Kim Hutchison, M.D. ............... 31
Hubert Leonard, M.D., Ph.D. ....... 34
Justin Meuse, M.D. ............... 36
Neurosciences Critical Care

Our Neurosciences ICU is the cornerstone of a well-integrated and cohesive Neurosciences Critical Care program for the treatment of critically ill patients with neurological diseases. We are the only Neuroscience ICU in Oregon to offer 24/7 coverage by nationally recognized neuroscience specialists.

These specialists include:

- Case managers
- Cerebrovascular neurosurgeons and interventional neuroradiologists
- Functional neurosurgeons
- Intensivists from anesthesiology, perioperative medicine and neurology specialized in neurocritical care
- Neuro-oncologists
- Neurology hospitalist program and specialized neurology consult services (including epilepsy, neuromuscular disease and neuroimmunology)
- Palliative care team
- Pharmacists
- Physical therapists
- Social workers
- Stroke/vascular neurologists

The program provides exceptional critical care nurses, physician’s assistants and nurse practitioners with training and expertise in neurocritical care and anesthesiology.

Our 24/7 capability for advanced neuromonitoring includes:

- Video electroencephalography (EEG)
- Brain tissue oxygenization
- Intracranial pressure monitoring

Providers:

Ansgar Brambrink, M.D., Ph.D. .......... 23
Julia Durrant, M.D. ..................... 28
Holly Hinson, M.D. ..................... 31
Ines Koerner, M.D., Ph.D. ............. 33
Dawn Larson, M.D. .................... 34
Andrea Orfanakis, M.D. ............... 38
Tarvez Tucker, M.D. ................... 43
Kamila Vagnerova, M.D. .............. 43
Parkinson’s Disease and Movement Disorders

The OHSU Parkinson Center and Movement Disorders Program is the largest clinic of its kind in the Pacific Northwest and is a National Parkinson Foundation Center of Excellence.

Services provided include:
- Consultations to help explain and treat neurological symptoms
- Second opinions regarding an existing diagnosis (Parkinson’s disease, essential tremor, dystonia, Huntington’s disease, ataxia and others)
- Neurosurgical interventions for Parkinson’s disease, tremor and dystonia, under general anesthesia using an innovative intraoperative targeting system (e.g., deep brain stimulation)
- Chemodenervation with botulinum toxin by movement disorder-trained physicians to treat dystonia, spasticity, sialorrhea and other movement disorders
- Innovative and minimally invasive procedures

Clinic location:
OHSU Center for Health & Healing, 8th Floor
3303 S.W. Bond Ave.
Portland, OR 97239

Clinic providers:
Matthew Brodsky, M.D. .................. 24
Kim Burchiel, M.D., F.A.C.S. .......... 24
Julie Carter, R.N., A.N.P. ............... 25
Kathryn Chung, M.D. ................. 26
Shannon Donovan, M.P.A.S, P.A.-C. .. 28
Antonia Gragg, P.A.-C. ............... 30
Steven Johnson, M.D., Ph.D. ......... 32
Jeff Kraakevik, M.D. .................. 33
John Nutt, M.D. ....................... 37
Amie Peterson, M.D. .................. 39
Joseph Quinn, M.D. .................. 39
Ahmed Raslan, M.D. ................. 39
Katie Thompson, P.A.-C, M.P.T. ..... 42
Vivek Unni, M.D., Ph.D. ............ 43

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Pituitary
The OHSU Northwest Pituitary Center is a leader in pituitary care, performing more pituitary diagnoses, second opinions and procedures of all types and complexities than any other medical center in the region. Each year, the center treats more than 500 new patients from across the country. Treatment options include medical therapy, surgery and radiation. The center also provides patients with the option of enrollment in a large number of clinical trials.

Neuroendocrine
Services include evaluations and individualized treatments for:
- Functional tumors (prolactinomas, Cushing's disease and acromegaly)
- Nonfunctional lesions (adenomas, craniopharyngiomas, meningiomas, gliomas, chordomas and Rathke’s cleft cysts)
- Pituitary hormone deficiencies affecting the thyroid, adrenal glands, water balance, reproductive organs and growth hormone (GH) secretion

Neurosurgery
Our multidisciplinary team evaluates patients with either known lesions of the pituitary gland or other brain tumors in the adjacent area. We employ the latest therapeutic approaches. These include:
- Microscopic transsphenoidal surgery
- Minimally invasive endoscopic surgery
- Open skull base surgery

Clinic location:
OHSU Center for Health & Healing, 8th Floor
3303 S.W. Bond Ave.
Portland, OR 97239

Clinic providers:
Justin Cetas, M.D., Ph.D. ............. 25
Jeremy N. Ciporen, M.D. ............. 26
Aclan Dogan, M.D. .................. 28
Maria Fleseriu, M.D., F.A.C.S. ......... 29
Dara Ono, P.A.-C. .................... 38
Janette Remling, P.A.-C. ............. 40
Chris Yedinak, M.N., F.N.P., D.N.P. ...... 45
Psychiatry

We provide a range of services to children, adolescents and adult patients, treating people with many psychiatric disorders, including sleep problems, substance abuse and addictions, mental health problems and eating disorders. Our specialists care for people of every culture and background.

The psychiatry team members who treat patients are researchers, teachers, community volunteers and most importantly, doctors and therapists with the advanced knowledge and skill to treat all types of mental and emotional conditions.

- **Adult Psychiatry Clinic** – Provides services to adult patients including comprehensive psychiatric evaluations, individual psychotherapy, medication management, coordination with primary care physicians, consultations to other providers and referrals for hospitalization.

  **Clinic location:**
  Sam Jackson Hall
  6th Floor, via Elevator C
  3181 S.W. Sam Jackson Park Rd.
  Portland, OR 97239

- **Child Psychiatry Clinic** – Provides consult services to children and adolescents (and their families), including comprehensive psychiatric evaluations, individual psychotherapy, medication management, coordination with primary care physicians and consultations to other providers as well as referrals for hospitalization.

  **Clinic location:**
  Doernbecher Children’s Hospital
  7th Floor, under the Butterfly
  3181 S.W. Sam Jackson Park Rd.
  Portland, OR 97239

- **OHSU Sleep Disorders Clinic** – Multidisciplinary team of physician specialists (psychiatry, neurology, pulmonology, pediatrics and pediatric pulmonology) providing state-of-the-art patient care in sleep disorders.

  **Clinic location:**
  OHSU Sleep Disorders Lab
  Hatfield Building, 13th Floor, Room 87
  3181 S.W. Sam Jackson Park Rd.
  Portland, OR 97239

- **Intercultural Psychiatric Program** – Provides culturally sensitive mental health services for immigrant, refugee and ethnic communities with an emphasis on individuals and families whose first language is not English.

  **Clinic location:**
  3633 S.E. 35th Pl.
  Portland, OR 97202

- **Avel Gordly Center for Healing** – A multicultural mental health center focused on the needs of the diverse communities of Oregon. This center offers culturally based services, including African-American services and Lesbian, Gay, Bisexual and Transgender (LGBT) counseling.

  **Clinic location:**
  621 S.W. Alder St., Suite 520
  Portland, OR 97205

**Psychiatry providers:**

- Marvin Fickle, M.D. .................. 29
- Esther Freeman, Psy.D. ............. 29
- Chad Hagen, M.D. ................... 30
- James Hancey, M.D. ................. 30
- Kim Hutchison, M.D. ............... 31
- George Keepers, M.D. .............. 32
- Amy Mee-Ran Kobus, Ph.D. ........ 33
- Paul Leung, M.D. .................... 34
- David Mansoor, M.D. ............... 35
- Leeza Maron, Ph.D. ................ 35
- Dmitriy Rakhlin, M.N., P.M.H.N.P.-BC. 39
- Sara Walker, Ph.D. ................... 43

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Spine

At the OHSU Spine Center, our multidisciplinary team of spine experts can partner with you to provide the broadest range of advanced treatments and therapies for back pain and spinal problems for your patients. No other program in the Pacific Northwest has more clinical and surgical services.

Our team specializes in:
- Cervical myelopathy
- Cervical radiculopathy
- Degenerative spine
- Lumbar disk herniation
- Scoliosis
- Spinal column tumors
- Spinal deformities
- Spinal stenosis
- Spine trauma
- Spine reconstruction
- Spondylolisthesis

Clinic locations:

South Waterfront
Center for Health & Healing
3303 S.W. Bond Ave., 8th Floor
Portland, OR 97239

Cornell West
1500 N.W. Bethany Blvd., Suite 195
Beaverton, OR 97006

Longview
625 9th Ave., Suite 210
Longview, WA 98632

The Dalles
Water’s Edge Building
551 Lone Pine Blvd.
The Dalles, OR 97058

Clinic providers:

Micah Bates, P.A.-C. .................. 22
Kara L. Berent, M.S., P.A.-C. ........... 23
Hans Carlson, M.D. .................. 24
Nels Carlson, M.D. ................... 25
Grace Chen, M.D. ..................... 26
Alex Ching, M.D. ..................... 26
Robert Hart, M.D. .................... 30
Tannia Hines, P.A.-C. ................ 31
Jayme Hiratzka, M.D. ................. 31
Christine Li, P.A.-C. .................. 34
David Sibell, M.D. .................... 40
Jung Yoo, M.D. ....................... 45
Provider profiles

Peter Andersen, M.D., F.A.C.S.

Patient care emphasis: Malignant and benign tumors of the head, neck, throat, mouth, larynx, thyroid gland and skin, salivary problems, minimally invasive treatments for salivary infections and stones, sialoendoscopy, endoscopic surgery for tumors of the nasal cavity, sinuses and pituitary gland, melanoma, transoral robotic surgery (TORS) for oropharyngeal tumors

Research interests: Outcomes of treatment for head and neck cancer

Specialty: Head and neck surgery/otolaryngology

M.D.: Washington University School of Medicine, St. Louis, Mo.

Residencies: Otolaryngology; Head and Neck Surgery – Oregon Health & Science University, Portland, Ore.

Fellowships: Head and Neck Surgery; Oncology – Memorial Sloan-Kettering Cancer Center, New York, N.Y.

Board certification: American Board of Otolaryngology

Academic appointment: Professor

Stanley Barnwell, M.D., Ph.D.

Patient care emphasis: Interventional neuroradiology, endovascular neurosurgery

Research interests: Treatment and prevention of stroke, treatment of cerebral aneurysms with the Guglielmi detachable coil, intracranial thrombolysis for stroke, innovations in intracranial angioplasty

Specialties: Interventional neuroradiology, neurosurgery

M.D.: Vanderbilt University, Nashville, Tenn.

Residency: Neurosurgery – University of California, San Francisco, Calif.

Fellowship: Interventional Neuroradiology – University of California, San Francisco, Calif.

Board certification: American Board of Neurological Surgery

Academic and clinical appointments: Associate Professor; Medical Director, Interventional Neuroradiology

Micah Bates, P.A.-C.

Specialty: Neurological Surgery

P.A.-C.: University of St. Francis, Joliet, Ill.

Board certification: National Commission on Certification of Physician Assistants

Academic appointment: Instructor

To refer a patient for a consult, call:

503 494-4567 or 800 245-6478 toll-free
Kara L. Berent, M.S., P.A.-C.

Academic appointment: Instructor
M.S.: Pacific University, Forest Grove, Ore.
P.A.-C: Pacific University, School of Physician Assistants, Forest Grove, Ore.
Board certification: National Commission on Certification of Physician Assistants
Specialty: Orthopaedic Spine

Dennis Bourdette, M.D., F.A.A.N.

Patient care emphasis: Multiple sclerosis, neuroimmunology
Research interests: Multiple sclerosis, neuroimmunology
Specialty: Neurology
M.D.: University of California at Davis Medical School, Davis, Calif.
Residencies: Medicine – Santa Clara Valley Medical Center, San Jose, Calif; Neurology – Oregon Health & Science University, Portland, Ore.
Fellowship: Neuroimmunology – Portland VA Medical Center, Portland, Ore.
Board certification: American Board of Psychiatry and Neurology
Academic and clinical appointments: Roy & Eulalia Swank Family Research Professor; Chairman, Department of Neurology; Executive Director, Multiple Sclerosis and Neuroimmunology Center

Hormozd Bozorgchami, M.D.

Patient care emphasis: Ischemic stroke, cerebral atheromatous disease, carotid artery stenosis, intracranial stenosis, cerebral hemorrhage
Research interests: Gender differences in stroke and endovascular stroke therapies
Specialty: Neurology
M.D.: New York Medical College, Valhalla, N.Y.
Residency: Neurology – University of California, Irvine, Calif.
Fellowships: Vascular Neurology and Interventional Neuroradiology – Oregon Health & Science University, Portland, Ore.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Assistant Professor

Ansgar Brambrink, M.D., Ph.D.

Patient care emphasis: Neuroanesthesia, critical care, airway management, pediatric anesthesia, thoracic anesthesia
Research interests: Pathophysiology of cerebral ischemia and reperfusion, post-stroke repair and functional recovery, preconditioning of the brain against ischemia, immunomodulatory interventions
Specialty: Neurointensive care
M.D.: Westfalische Wilhelms-University, Muenster, Germany
Residency: Johannes Gutenberg University, Mainz, Germany
Fellowships: Clinical Anesthesiology – Johns Hopkins Medical Institutions, Baltimore, Md; Post Surgical Intensive Care Medicine – University Hospital, Johannes Gutenberg-University
Board certification: American Board of Emergency Medicine
Academic and clinical appointments: Professor; Assistant Director, Neurosciences Critical Care Program
Matthew Brodsky, M.D.

**Patient care emphasis:** Parkinson’s disease, dystonia, REM sleep behavior disorder, deep brain stimulation

**Research interests:** Preclinical biomarkers of Parkinson’s disease, disease-modifying strategies for Parkinson’s disease, new treatments for dystonia

**Specialty:** Neurology

**M.D.:** Mount Sinai School of Medicine, New York, N.Y.

**Residency:** Neurology – Mount Sinai Hospital, New York, N.Y.

**Fellowship:** Movement Disorders – Mount Sinai Hospital, New York, N.Y.

**Board certification:** American Board of Psychiatry and Neurology

**Academic appointment:** Associate Professor

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Kim Burchiel, M.D., F.A.C.S.

**Patient care emphasis:** Functional neurosurgery, pain surgery, epilepsy surgery, stereotactic surgery, movement disorder surgery, radiosurgery, peripheral nerve surgery

**Research interests:** Physiology of nociception and neuropathic pains including trigeminal neuralgia, neurosurgical treatment of movement disorders, image-guided neurosurgery

**Specialty:** Neurosurgery

**M.D.:** University of California, San Diego, San Diego, Calif.

**Residency:** Neurosurgery – University of Washington, Seattle, Wash.

**Board certifications:** American Board of Neurological Surgery; American Board of Pain Medicine

**Academic and clinical appointments:** Professor; Chairman, Department of Neurological Surgery

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Michelle Cameron, M.D.

**Patient care emphasis:** Multiple sclerosis

**Research interests:** Multiple sclerosis

**Specialty:** Neurology

**M.D.:** University of California, San Francisco, Calif.

**Residencies:** Internal Medicine – Kaiser Medical Center, Oakland, Calif.; Neurology – Oregon Health & Science University, Portland, Ore.

**Fellowship:** Multiple Sclerosis – Oregon Health & Science University, Portland, Ore.

**Board certification:** American Board of Psychiatry and Neurology

**Academic appointment:** Assistant Professor

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Hans Carlson, M.D.

**Patient care emphasis:** Nonsurgical management of spinal conditions, sports medicine, electrodiagnostics

**Research interests:** Spinal stenosis, cervical stenosis, lumbar stenosis, relationship of imaging abnormalities to functional impairments

**Specialty:** Physical medicine and rehabilitation

**M.D.:** Oregon Health & Science University, Portland, Ore.

**Residency:** Physical Medicine and Rehabilitation – Harvard Medical School/Spaulding Rehabilitation Hospital, Boston, Mass.

**Fellowship:** Sports Medicine – University of Illinois, Chicago, Ill.

**Board certification:** American Board of Physical Medicine and Rehabilitation

**Academic appointment:** Associate Professor

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To refer a patient for a consult, call:

503 494-4567 or 800 245-6478 toll-free
Nels Carlson, M.D.

Patient care emphasis: Nonsurgical management of spinal conditions, sports injuries, electrodiagnostics

Research interests: Spinal stenosis, cervical stenosis, lumbar stenosis and relationship of imaging abnormalities to functional impairments, degenerative spine, spine arthritis, exercise-based management of spine pain

Specialty: Physical medicine and rehabilitation

M.D.: Oregon Health & Science University, Portland, Ore.

Residency: Physical Medicine and Rehabilitation – Harvard Medical School/Spaulding Rehabilitation Hospital, Boston, Mass.

Fellowship: Neurophysiology – Brigham & Women’s Hospital, Boston, Mass.

Board certification: American Board of Physical Medicine and Rehabilitation

Academic appointment: Associate Professor

Julie Carter, R.N., A.N.P.

Patient care emphasis: Movement disorders, educational outreach, comprehensive care for Parkinson’s disease

Research interests: Neuroprotective and neurorestorative strategies, family caregiving, end-of-life care for Parkinson’s disease

Specialty: Neurology

A.N.P.: Oregon Health & Science University, Portland, Ore.

Academic appointment: Professor

James Cereghino, M.D.

Patient care emphasis: Treatment of seizure disorders and epilepsy

Research interests: Clinical trials for epilepsy

Specialty: Neurology

M.D.: Oregon Health & Sciences University, Portland, Ore.

Residencies: Neurology – Good Samaritan Hospital and Medical Center, Portland, Ore.; University of California, San Francisco, Calif.; University of Washington, Seattle, Wash.

Academic appointment: Professor

Justin Cetas, M.D., Ph.D.

Patient care emphasis: Pituitary, skull base and vascular disorders

Research interests: Effects of subarachnoid hemorrhage on the brainstem and central nervous system

Specialty: Neurosurgery


Residency: Neurological Surgery – Oregon Health & Science University, Portland, Ore.

Fellowship: Skull Base Surgery – Oregon Health & Science University, Portland, Ore.

Board-eligible: American Board of Neurological Surgery

Academic and clinical appointments: Assistant Professor; Chief of Neurosurgery, Portland Veterans Medical Center
To refer a patient for a consult, call:
503 494-4567 or 800 245-6478 toll-free

**Grace Chen, M.D.**

**Patient care emphasis:** Nonsurgical treatment of back pain and spinal pain not alleviated by surgery

**Research interests:** Techniques, psychological approaches and physical therapy in non-opioid treatment of chronic back pain

**Specialty:** Pain management

**M.D.:** University of Michigan, Ann Arbor, Mich.

**Residency:** Anesthesiology – Oregon Health & Science University, Portland, Ore.

**Fellowship:** Pain Management – Oregon Health & Science University, Portland, Ore.

**Board certification:** American Board of Anesthesiology

**Academic appointment:** Assistant Professor

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**Alex Ching, M.D.**

**Patient care emphasis:** Surgical treatment of spinal conditions (cervical, thoracic, lumbar), minimally invasive spine fusion

**Research interests:** Spinal tumors, infection, trauma

**Specialty:** Orthopaedic surgery

**M.D.:** Columbia University of Physicians & Surgeons, New York, N.Y.

**Residency:** Orthopaedic Surgery – Thomas Jefferson University Hospital, Philadelphia, Pa.

**Fellowship:** Spine Surgery – Oregon Health & Science University, Portland, Ore.

**Board certification:** American Board of Orthopaedic Surgery

**Academic appointment:** Assistant Professor

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**Kathryn Chung, M.D.**

**Patient care emphasis:** Balance and gait disorders, hyperkinetic disorders, Parkinson’s disease

**Research interests:** Medications that may alter levodopa response in patients with Parkinson’s disease, balance and gait abnormalities in Parkinson’s disease, neuroprotective strategies, pharmacotherapies in tremor, dystonia, tic disorders

**Specialty:** Neurology

**M.D.:** University of Alberta, Canada

**Residency:** Internal Medicine – University of Toronto, Canada

**Fellowship:** Movement Disorders – Portland VA Medical Center, Portland, Ore.

**Board certification:** American Board of Internal Medicine

**Academic appointment:** Assistant Professor

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**Jeremy N. Ciporen, M.D.**

**Patient care emphasis:** Cerebrovascular and skull base surgery, pituitary tumors, neuro-endoscopy

**Specialties:** Primary brain tumors and metastatic disease, minimally invasive and open surgical techniques, neuro-endoscopy, general neurosurgery, trauma

**M.D.:** George Washington School of Medicine, Washington, D.C.

**Residencies:** Neurosurgery – Emory University School of Medicine, Atlanta, Ga.; Otolaryngology – Mount Sinai School of Medicine, New York, N.Y.

**Fellowship:** Cerebrovascular/Skull Base – University of Washington Harborview Medical Center, Seattle, Wash.

**Board certification:** American Board of Neurological Surgery

**Academic appointment:** Assistant Professor
Wayne Clark, M.D.

**Patient care emphasis:** Acute treatment of stroke, including the investigation of new potential stroke therapies

**Research interests:** Inflammatory response in stroke, therapeutic potential of antioxidants

**Specialty:** Neurology

**M.D.:** Oregon Health & Science University, Portland, Ore.

**Residency:** Neurology – University of California, San Diego, Calif.

**Fellowship:** Stroke – University of California, San Diego, Calif.

**Board certification:** American Board of Psychiatry and Neurology

**Academic and clinical appointment:** Professor; Director of the OHSU Stroke Center

Karen Dellinger, M.D.

**Patient care emphasis:** General and geriatric neurology

**Specialty:** Neurology

**M.D.:** Northwestern University, Chicago, Ill.

**Residency:** Neurology – Oregon Health & Science University, Portland, Ore.

**Fellowship:** Geriatric Neurology – Portland VA Medical Center, Portland, Ore.

**Board certification:** American Board of Psychiatry and Neurology

**Academic appointment:** Assistant Professor

Alexandra Dimitrova, M.D., M.A.

**Patient care emphasis:** General neurology and neurological wellness

**Research interests:** Acupuncture, neuropathy, headache and pain

**Specialty:** Neurology

**M.D.:** Boston University School of Medicine, Boston, Mass.

**M.A.:** Boston University School of Medicine, Boston, Mass.

**Residency:** Neurology Residency, Columbia University/New York Presbyterian Medical Center, New York, N.Y.

**Fellowship:** Post-doctoral Research Fellowship, T32 CAM Research Training in Neuroscience and Stress, Oregon Health and Science University, Portland, Ore.

**Board certification:** Pending

**Academic appointment:** Assistant Professor

Katherine Dodson, M.N., F.N.P.

**Patient care emphasis:** Educating and assisting patients with the management of their epilepsy

**Research interests:** Epilepsy

**Specialty:** Epilepsy

**M.N.:** Washington State University, Pullman, Wash.

**Board certification:** American Association of Nurse Practitioners

**Academic appointment:** Instructor
Aclan Dogan, M.D.

**Patient care emphasis:** Cerebrovascular, interventional neuroradiology, skull base neurosurgery  
**Specialties:** Neurosurgery, interventional neuroradiology  
**M.D.:** Ankara University School of Medicine, Ankara, Turkey  
**Residencies:** Neurological Surgery - Ankara University School of Medicine, Ankara, Turkey; Oregon Health & Science University, Portland, Ore.  
**Fellowships:** Cerebrovascular Neurosurgery – Nagoya University School of Medicine, Nagoya, Japan; Cerebrovascular Neurosurgery – Louisiana State University Health Sciences Center, Shreveport, La.; Skull Base Surgery, Neurointerventional – Oregon Health & Science University, Portland, Ore.  
**Board certification:** American Board of Neurological Surgery  
**Academic appointment:** Assistant Professor

Shannon Donovan, M.P.A.S., P.A.-C.

**Patient care emphasis:** Caring for patients with movement disorders  
**Research interests:** Surgical and pharmacologic therapies for movement disorders and effects movement disorders and their therapies have on other systems such as speech, swallowing, gait and balance  
**Specialty:** Neurology  
**M.P.A.S.:** Oregon Health & Science University, Portland, Ore.  
**Board certification:** National Commission on Certification of Physician Assistants  
**Academic and clinical appointments:** Instructor; Clinical Coordinator, Deep Brain Stimulation Program

Julia Durrant, M.D.

**Patient care emphasis:** Neurocritical care, traumatic brain injury, stroke and hypothermia after cardiac arrest  
**Research interests:** Critical care management of post-anoxic brain injury from cardiac arrest, neurological prognostication  
**Specialty:** Neurointensive care  
**M.D.:** University of Utah School of Medicine, Salt Lake City, Utah  
**Residency:** Combined Internal Medicine – Neurology, Medical College of Wisconsin Affiliated Hospitals, Milwaukee, Wis.  
**Fellowship:** Neurological Critical Care – University of California, San Francisco, Calif.  
**Board certification:** American Board of Internal Medicine  
**Academic appointment:** Assistant Professor

Deniz Erten-Lyons, M.D.

**Patient care emphasis:** Dementia and geriatric neurology  
**Research interests:** Alzheimer’s disease and other dementias, cognitive reserve, genetics of healthy brain aging  
**Specialty:** Neurology  
**M.D.:** Hacettepe University School of Medicine, Ankara, Turkey  
**Residency:** Neurology – Oregon Health & Science University, Portland, Ore.  
**Fellowship:** Dementia and Geriatric Neurology – Oregon Health & Science University and Portland VA Medical Center, Portland, Ore.  
**Board certification:** American Board of Psychiatry and Neurology  
**Academic appointment:** Assistant Professor

To refer a patient for a consult, call:

503 494-4567 or 800 245-6478 toll-free
Julie Falardeau, M.D.

Patient care emphasis: Optic neuritis, ischemic optic neuropathy, compressive optic neuropathy, idiopathic intracranial hypertension, ocular myasthenia gravis

Research interests: Optic nerve imaging techniques, idiopathic intracranial hypertension, treatment of optic neuritis

Specialty: Neuro-ophthalmology

M.D.: University of Montreal, Montreal, Canada

Residency: Ophthalmology – University of Montreal, Montreal, Canada

Fellowship: Neuro-ophthalmology – University of Iowa Hospitals and Clinics, Iowa City, Iowa

Board certification: American Board of Ophthalmology

Academic appointment: Associate Professor

Marvin Fickle, M.D.

Patient care emphasis: Depression, anxiety, bipolar disorder

Research interests: Clinical information management

Specialty: Psychiatry

M.D.: University of Southern California (Keck School of Medicine), Los Angeles, Calif.

Residencies: Psychiatry – Los Angeles County - University of Southern California Medical Center, Los Angeles, Calif.; Keck University of Southern California School of Medicine, Los Angeles, Calif.

Fellowships: Child Psychiatry – Los Angeles County - University of Southern California Medical Center, Los Angeles, Calif.; Keck University of Southern California School of Medicine, Los Angeles, Calif.

Board certification: American Board of Psychiatry

Academic appointment: Associate Professor

Maria Fleseriu, M.D., F.A.C.S.

Patient care emphasis: Pituitary, neuroendocrine tumors, adrenal disorders

Research interests: Cushing’s disease, acromegaly, pathophysiology, new medical treatments for pituitary tumors

Specialties: Endocrinology, diabetes, clinical nutrition

M.D.: The University of Medicine and Pharmacy of Timisoara, Romania

Residencies: Internal Medicine – University Hospital Sibiu, Romania; Internal Medicine – Case Western Reserve University, Cleveland, Ohio

Fellowships: Endocrinology – University Hospital Sibiu and National Institute of Endocrinology, Romania; Endocrinology, Diabetes and Metabolism – Cleveland Clinic Foundation, Cleveland, Ohio

Board certifications: American Board of Internal Medicine; American Board of Endocrinology

Academic and clinical appointments: Associate Professor; Director of the OHSU Northwest Pituitary Center

Esther Freeman, Psy.D.

Patient care emphasis: Adult psychiatry

Specialty: Working with health care providers and families on the psychological aspects of medical illness


Fellowship: Health Psychology, Eastern Virginia Medical School, Norfolk, Va.

Board certification: American Board of Psychiatry

Academic appointment: Associate Professor
Antonia Gragg, P.A.-C.

Patient care emphasis: Functional and stereotactic neurosurgery
Specialty: Neurosurgery
P.A.-C.: Duke University, Durham, N.C.

Chad Hagen, M.D.

Patient care emphasis: Sleep medicine
Research interests: Technology for sleep disorder detection, definition and classification of sleep disorders, sleep apnea, sleep disordered breathing, fatigue, hypersomnia
Specialties: Sleep-disordered breathing (obstructive sleep apnea, central apnea, upper airway resistance syndrome) and hypersomnias (narcolepsy, cyclic hypersomnias, idiopathic hypersomnia)
M.D.: University of Washington, Seattle, Wash.
Residency: Psychiatry – Oregon Health & Science University, Portland, Ore.
Fellowship: Sleep Disorder Medicine – Stanford University, Stanford, Calif.
Board certification: American Board of Psychiatry and Neurology
Academic and clinical appointments: Assistant Professor; Co-director, Sleep Disorders Program

James Hancey, M.D.

Patient care emphasis: Adult psychiatry
Specialty: Obsessive-compulsive disorder and related disorders
M.D.: Oregon Health & Science University, Portland, Ore.
Residency: Psychiatry – Oregon Health & Science University, Portland, Ore.
Board certification: American Board of Psychiatry and Neurology
Academic and clinical appointments: Associate Professor; Director, Adult Outpatient Psychiatry Clinic

Robert Hart, M.D.

Patient care emphasis: Scoliosis and adult spinal deformity, surgical treatment of spinal conditions (cervical, thoracic, lumbar), revision spine surgery
Research interests: Biomechanics of spinal implants, psychological impacts of spine surgery, impacts of stiffness following spinal fusion, performance standards for structural allograft bone and outcomes, complication avoidance in adult spinal deformity surgery
Specialty: Orthopaedic surgery
M.D.: University of California, San Diego, San Diego, Calif.
Residency: Orthopaedic Surgery – University of Iowa, Iowa City, Iowa
Fellowship: Spine and Spinal Cord Injury – Case Western Reserve University, Cleveland, Ohio
Board certification: American Board of Orthopaedic Surgery
Academic and clinical appointments: Professor; Program Director, Adult Spine Fellowship
Tannia Hines, P.A.-C.
Specialty: Orthopaedic Spine
Board certification: National Commission on Certification of Physician Assistants
Academic appointment: Instructor

Holly Hinson, M.D.
Patient care emphasis and research interests: Neuro-rehabilitation, traumatic brain injury, stroke
Specialty: Neurointensive care
M.D.: University of Texas Health Science Center, San Antonio, Texas
Residency: Neurology – University of Maryland School of Medicine, Baltimore, Md.
Fellowship: Neurologic Critical Care – Johns Hopkins School of Medicine, Baltimore, Md.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Assistant Professor

Jayme Hiratzka, M.D.
Patient care emphasis: Surgical treatment of spinal conditions (cervical, thoracic, lumbar), scoliosis, arthritis, minimally invasive spine fusion
Research interests: Adult deformity/sagittal balance, spondylolisthesis, spine trauma/spinal cord injury
Specialty: Orthopaedic surgery
M.D.: University of Cincinnati College of Medicine, Cincinnati, Ohio
Residency: Orthopaedic Surgery – Oregon Health & Science University, Portland, Ore.
Fellowship: Spine Surgery – University of Utah, Salt Lake City, Utah
Board-eligible: American Board of Orthopaedic Surgery
Academic appointment: Assistant Professor

Kim Hutchison, M.D.
Patient care emphasis: Restless legs, narcolepsy, sleep apnea, parasomnias, brain imaging (fMRI) in sleep deprivation and OSA, general neurology
Research interests: Sleep deprivation, telemedicine
Specialties: Neurology, sleep medicine
M.D.: University of Kansas, Kansas City, Kan.
Residency: Neurology – Medical University of South Carolina, Charleston, S.C.
Fellowship: Sleep Disorders Medicine – Vanderbilt University Medical Center, Nashville, Tenn.
Board certifications: American Board of Psychiatry and Neurology; American Board of Sleep Medicine
Academic appointment: Assistant Professor
Steven Johnson, M.D., Ph.D.

**Patient care emphasis:** Neuropharmacology of movement disorders  
**Research interests:** Parkinson’s disease  
**Specialty:** Neurology  
**M.D.:** University of Colorado Health Science Center, Denver, Colo.  
**Residency:** Neurology – Oregon Health & Science University, Portland, Ore.  
**Fellowship:** Neuropharmacology – Oregon Health & Science University, Portland, Ore.  
**Academic appointment:** Professor

Jeffrey Kaye, M.D.

**Patient care emphasis:** Geriatrics, neurology and dementia  
**Research interests:** Aging and technology and early detection of cognitive impairment  
**Specialty:** Neurology  
**M.D.:** New York Medical College, Valhalla, N.Y.  
**Residency:** Neurology – Boston University, Boston, Mass.  
**Fellowship:** Brain Aging – National Institute on Aging, Bethesda, Md.  
**Board certification:** American Board of Psychiatry and Neurology  
**Academic and clinical appointments:** Professor; Director of the Layton Aging and Alzheimer’s Disease Center; Director of the Oregon Center for Aging and Technology

George Keepers, M.D.

**Patient care emphasis:** Adult psychiatry  
**Specialty:** Neuropsychiatry  
**M.D.:** Baylor College of Medicine, Houston, Texas  
**Residency:** Psychiatry – Oregon Health & Science University, Portland, Ore.  
**Board certification:** American Board of Psychiatry  
**Academic and clinical appointments:** Department Chair, Psychiatry; Director of the Complex Neuropsychiatry Clinic and the Adult Attention Deficit Disorder Clinic

Julie Khoury, M.D.

**Patient care and research interests:** ALS and neuromuscular, electromyography, myotonic disorders  
**Specialty:** Neurology  
**M.D.:** Loma Linda University School of Medicine, Loma Linda, Calif.  
**Residency:** Neurology – Mayo School of Graduate Medical Education, College of Medicine, Mayo Clinic, Scottsdale, Ariz.  
**Fellowship:** Clinical Neurophysiology and Electromyography – Mayo School of Graduate Medical Education, College of Medicine, Mayo Clinic, Rochester, Minn.  
**Board certification:** American Board of Psychiatry and Neurology  
**Academic and clinical appointments:** Assistant Professor; Director, EMG Laboratory

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To refer a patient for a consult, call:

503 494-4567 or 800 245-6478 toll-free
Edward Kim, M.D.

**Patient care emphasis and research interests:** Multiple sclerosis and neuroimmunology  
**Specialty:** Neurology  
**M.D.:** Indiana University School of Medicine, Indianapolis, Ind.  
**Residencies:** Preliminary Medicine; Neurology – Brown University School of Medicine, Providence, R.I.  
**Fellowships:** Neuroimmunology – Oregon Health & Science University, Portland, Ore.; Neuroimmunology – Veterans Administration Medical Center, Portland, Ore.  
**Board certification:** American Board of Psychiatry and Neurology  
**Academic and clinical appointments:** Assistant Professor; Director, Neurology Residency Program

Amy Mee-Ran Kobus, Ph.D.

**Patient care emphasis:** Health psychology and consultation-liaison  
**Research interests:** Chronic pain and mental and substance abuse co-morbidity, primary care psychology, health disparities, community-based participatory research  
**Specialties:** Clinical psychology, adult, diversity  
**Ph.D.:** University of Iowa, Iowa City, Iowa  
**Internship:** Clinical Psychology – Portland VA Medical Center, Portland, Ore.  
**Fellowship:** Health Services Research – Oregon Health & Science University, Portland, Ore.  
**Board certification:** Oregon State Board of Psychologist Examiners  
**Academic appointment:** Assistant Professor

Ines Koerner, M.D., Ph.D.

**Patient care emphasis:** Neurocritical care and adult anesthesia  
**Research interests:** Mechanisms of cerebral ischemia and neuroprotection, induction of ischemic tolerance, role of arachidonic acid metabolism in neuroprotection, gender effects on neuronal injury  
**Specialty:** Neurointensive care  
**M.D.:** Albert-Ludwigs-University, Freiburg, Germany  
**Residency:** Anesthesiology – Johannes Gutenberg-University, Mainz, Germany  
**Fellowships:** Anesthesiology – Intensive Care Medicine – Johannes Gutenberg-University, Mainz, Germany; Oregon Health & Science University, Portland, Ore.  
**Board certification:** German Board of Anesthesiology and Intensive Care Medicine  
**Academic appointment:** Assistant Professor

Jeff Kraakevik, M.D.

**Patient care emphasis:** Movement disorders, medical education  
**Research interests:** Issues of gait and balance with a focus on Parkinson’s disease  
**Specialty:** Neurology  
**M.D.:** University of Iowa, Carver College of Medicine, Iowa City, Iowa  
**Residency:** Neurology – University of Iowa Hospitals and Clinics, Iowa City, Iowa  
**Fellowship:** Movement Disorders – Oregon Health & Science University, Portland, Ore.  
**Board certification:** American Board of Psychiatry and Neurology  
**Academic appointment:** Assistant Professor
Dawn Larson, M.D.
Patient care emphasis: Neurocritical care
Research interests: Nutrition in critical illness
Specialty: Anesthesiology
M.D.: Indiana University School of Medicine, Indianapolis, Ind.
Residencies: General Surgery – Indiana University School of Medicine, Indianapolis, Ind.;
   Anesthesiology and Critical Care Medicine – Oregon Health and Science University,
   Portland, Ore.
Fellowship: Critical Care Medicine – Oregon Health & Science University, Portland, Ore.
Board certification: American Board of Anesthesiology
Academic appointment: Assistant Professor

Hubert Leonard, M.D., Ph.D.
Patient care emphasis: General neurology and headache medicine
Research interests: Chronic headache management
Specialty: General neurology and headaches
M.D.: Oregon Health & Science University, Portland, Ore.
Ph.D.: Oregon Health & Science University, Portland, Ore.
Residencies: Internal Medicine – University of California Hospital, Los Angeles, Calif.;
   Neurology – Oregon Health & Science University, Portland, Ore.
Board certification: American Board of Psychiatry and Neurology; certified in Headache Medicine by the United Council for Neurologic Subspecialties
Academic appointment: Assistant Professor

Paul Leung, M.D.
Patient care emphasis: Adult and intercultural psychiatry
Research interests: Cross-cultural mental health and PTSD with Asians
Specialty: Cross-cultural psychiatry and addictions
M.D.: Virginia Commonwealth University, Richmond, Va.
Residency: Psychiatry – Oregon Health & Sciences University, Portland, Ore.
Board certification: American Board of Psychiatry
Academic and clinical appointments: Professor, Psychiatry; Medical Director of Psychiatry; Director, Indochinese Psychiatry Program

Christine Li, P.A.-C.
Patient care emphasis: Neurological surgery
Specialty: Neurological Surgery
P.A.-C.: Keck School of Medicine, University of Southern California, Los Angeles, Calif.
Board certification: National Commission on Certification of Physician Assistants
Academic appointment: Instructor

To refer a patient for a consult, call:
503 494-4567 or 800 245-6478 toll-free
Helmi Lutsep, M.D.

Patient care emphasis: Stroke prevention, acute stroke treatment
Research interests: Stroke prevention, acute stroke treatment, stroke rehabilitation
Specialty: Neurology
M.D.: Mayo Medical School, Rochester, Minn.
Residency: Neurology – Mayo Graduate School of Medicine, Rochester, Minn.
Fellowships: Behavioral Neurology – University of California, Davis, Calif.; Cerebrovascular Disease – Stanford University, Stanford, Calif.
Board certification: American Board of Psychiatry and Neurology
Academic and clinical appointments: Professor; Associate Director; OHSU Stroke Center

David Mansoor, M.D.

Patient care emphasis: Geriatric psychiatry and electroconvulsive therapy (ECT)
Research interests: Schizophrenia and aging and musical hallucinations
Specialty: Psychiatry
M.D.: Oregon Health & Science University, Portland, Ore.
Residency: Psychiatry – Oregon Health & Science University, Portland, Ore.
Fellowship: Geriatric Psychiatry – Oregon Health & Science University, Portland, Ore.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Assistant Professor

Tessa Marburger, M.D.

Patient care and research interests: ALS and neuromuscular, peripheral nerve disorders, peripheral nerve hyperexcitability syndromes, muscular dystrophies, inflammatory myopathies
Specialty: Neurology
M.D.: University of Michigan, Ann Arbor, Mich.
Residency: Neurology – Duke University Hospital, Durham, N.C.
Fellowship: Neuromuscular and Electrodiagnostic Medicine – Partners Brigham and Women’s Hospital, Boston, Mass.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Assistant Professor

Leeza Maron, Ph.D.

Patient care emphasis: Neuropsychology
Research interests: Investigation of neuropsychological mechanisms underlying thought disorder in psychiatric populations using both functional neuroimaging (fMRI) and novel cognitive paradigms
Specialties: Neuropsychological evaluation of adults with a wide range of diagnoses including attention deficit disorder, traumatic brain injury, stroke, epilepsy and dementia as well as other psychiatric and medical illnesses
Fellowship: Biological Psychiatry & Neuroscience – University of California, San Diego, Calif.
Academic appointment: Assistant Professor

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Michele Mass, M.D.
Patient care emphasis: Multiple sclerosis and neuopathology
Research interests: Multiple sclerosis and neuroimmunology
Specialty: Neurology
M.D.: Oregon Health & Science University, Portland, Ore.
Residency: Neurology – Oregon Health & Science University, Portland, Ore.
Fellowship: Neuropathology – University of Washington, Seattle, Wash.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Associate Professor

Justin Meuse, M.D.
Patient care emphasis: Comprehensive neurology with a special interest in the treatment of epilepsy
Specialty: Epilepsy
M.D.: University of Texas Health Science Center, Houston, Texas
Residency: Neurology, Oregon Health & Science University, Portland, Ore.
Academic appointment: Assistant Professor

Adam Mirarchi, M.D.
Patient care emphasis: Hand and upper extremity
Research interests: Distal radio-ulnar joint problems, hand and upper extremity trauma, patient-reported outcomes and quality of life assessment
Specialty: Shoulder, elbow and hand surgery
M.D.: Temple University School of Medicine, Philadelphia, Pa.
Residency: University Hospitals of Cleveland, Cleveland, Ohio
Fellowships: Research – University Hospitals of Cleveland, Cleveland, Ohio; Hand and Upper Extremity – Harvard Brigham & Women's Hospital, Boston, Mass.
Board certification: American Board of Orthopaedic Surgery; Certificate of Added Qualifications in Surgery of the Hand
Academic appointment: Assistant Professor

Paul Motika, M.D.
Patient care and research interests: Epilepsy and EEG
Specialty: Neurology
M.D.: University of Rochester School of Medicine and Dentistry, Rochester, N.Y.
Residency: Neurology – University of Michigan, Ann Arbor, Mich.
Fellowship: Neurophysiology and Epilepsy – Rush University Medical Center, Chicago, Ill.
Board certification: American Board of Psychiatry and Neurology
Academic and clinical appointments: Assistant Professor; Medical Director, Adult EEG
Gary Nesbit, M.D.
Patient care emphasis: Diagnostic radiology
Research interests: Innovative imaging, new therapeutic techniques in acute stroke, intracranial atheromatous disease, cerebral aneurysms and arteriovenous malformations, including diffusion/perfusion imaging and magnetic resonance angiography (MRA) of atherosclerosis and aneurysms
Specialties: Interventional neuroradiology, neurology, neurosurgery
M.D.: University of Minnesota, Minneapolis, Minn.
Residency: Radiology – Mayo Graduate School of Medicine, Rochester, Minn.
Fellowships: Neuroradiology – Mayo Graduate School of Medicine, Rochester, Minn.; Interventional Neuroradiology – Oregon Health & Science University, Portland, Ore.
Board certification: American Board of Radiology
Academic appointment: Associate Professor

Edward Neuwelt, M.D.
Patient care emphasis: Neuro-oncology, including chemotherapy
Research interests: Blood-brain barrier procedure for brain tumor patients
Specialty: Blood-brain barrier
M.D.: University of Colorado Medical School, Denver, Colo.
Residency: Neurosurgery – University of Texas Southwest Medical School, Dallas, Texas
Fellowship: Neurosurgery – Queen Square Hospital, London, England
Board certification: American Board of Neurological Surgery
Academic appointment: Professor

Anh Nguyen - Huynh, M.D.
Patient care emphasis: Disorders of the ear including infection, hearing loss, vertigo, facial palsy and tumors of temporal bone and cerebellopontine angle
Research interests: Meniere’s disease, sudden hearing loss, cochlear implant, optical coherence tomography of middle ear and inner ear
Specialty: Head and neck surgery/otolaryngology
M.D.: Harvard Medical School, Boston, Mass.
Residency: Otolaryngology – Massachusetts Eye & Ear Infirmary, Boston, Mass.
Fellowship: Neurotology/Skull Base Surgery – Stanford University, Templeton, Calif.
Board certification: American Board of Otolaryngology and Neurotology
Academic appointment: Assistant Professor

John Nutt, M.D.
Patient care emphasis: Movement disorders, clinical neuropharmacology, neurogenetics
Research interests: Deep brain stimulation, neuroprotective and neurorestorative therapies for Parkinson’s disease, mechanisms of dopaminergic agents in Parkinson’s disease
Specialty: Neurology
M.D.: Baylor School of Medicine, Houston, Texas
Residency: Neurology – University of Washington, Seattle, Wash.
Fellowship: National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Md.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Professor

www.ohsubrain.com
Barry Oken, M.D.

**Patient care emphasis:** General neurology and dementia  
**Research interests:** Behavioral neurology, cognitive disorders, dementia  
**Specialty:** Neurology/EEG/EMG  
**M.D.:** Medical College of Wisconsin, Milwaukee, Wis.  
**Residency:** Neurology – Boston University Medical Center, Boston, Mass.  
**Fellowships:** Electroencephalography and Evoked Potentials – Massachusetts General Hospital, Boston, Mass; Neurology – Harvard Medical School, Boston, Mass.  
**Board certification:** American Board of Psychiatry and Neurology  
**Academic and clinical appointments:** Professor; Medical Director of Clinical Neurophysiology

Dara Ono, P.A.-C.

**Patient care emphasis:** Skull base surgery  
**Specialty:** Neurosurgery  
**P.A.-C.:** George Washington University, Washington, D.C.  
**Residency:** Surgical – Montefiore Medical Center, Bronx, N.Y.

Robert Orfaly, M.D.

**Patient care emphasis:** Upper extremity disorders, hand and upper extremity, arthroscopy of the wrist, elbow and shoulder, bone-sparing surgery  
**Research interests:** Development of improved clavicle fracture fixation devices, rotator cuff tears  
**Specialty:** Shoulder, elbow and hand surgery  
**M.D.:** McGill University, Montreal, Canada  
**Residency:** Orthopaedic Surgery – University of British Columbia, Vancouver, B.C., Canada  
**Fellowships:** Hand & Upper Extremity Surgery – University of British Columbia, Vancouver, B.C., Canada; Shoulder and Elbow/Upper Extremity – University of Texas Health Sciences Center, San Antonio, Texas  
**Board certification:** American Board of Orthopaedic Surgery  
**Academic appointment:** Associate Professor

Andrea Orfanakis, M.D.

**Patient care emphasis:** Neuroanesthesia and neurocritical care  
**Research interests:** Cerebral vasospasm following subarachnoid hemorrhage and coagulopathy and hemostasis  
**Specialty:** Neurocritical care  
**M.D.:** University of Colorado School of Medicine, Denver, Colo.  
**Residency:** Anesthesiology – Vanderbilt University Medical Center, Nashville, Tenn.  
**Fellowship:** Anesthesiology – Oregon Health & Science University, Portland, Ore.  
**Board certification:** American Board of Anesthesiology; ABA Subspecialty Certification in Critical Care  
**Academic appointment:** Assistant Professor

To refer a patient for a consult, call:  
503 494-4567 or 800 245-6478 toll-free
Amie Peterson, M.D.
Patient care emphasis: Parkinson’s and movement disorders
Research interests: Gait and balance, Vitamin D and stress all in relationship to Parkinson’s disease
Specialty: Neurology
M.D.: Medical College of Georgia, Augusta, Ga.
Residency: Neurology – Brown University, Providence, R.I.
Fellowships: Movement Disorders – Oregon Health & Science University, Portland, Ore.; Health Policy – Office of Jack Reed, Washington, D.C.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Assistant Professor

Joseph Quinn, M.D.
Patient care emphasis: Cognitive and movement disorders
Research interests: Prevention and treatment of cognitive disorders, including Parkinson's, dementia and Alzheimer’s disease
Specialty: Neurology
M.D.: University of Southern California, Los Angeles, Calif.
Residency: Neurology – Oregon Health & Science University, Portland, Ore.
Fellowship: Geriatric Neurology – Portland VA Medical Center, Portland, Ore.
Board certification: American Board of Psychiatry and Neurology
Academic and clinical appointments: Professor; Director, Parkinson Center of Oregon and Movement Disorders

Dmitriy Rakhlin, M.N., P.M.H.N.P.-BC.
Patient care emphasis: Adult, intercultural and inpatient psychiatry
Research interests: Adult ADHD, mood and anxiety disorders
Specialties: Clinical case management, individual and family psychotherapy, medication management, psychiatric assessments for clients from diverse ethnic, cultural and socio-economic backgrounds
M.N.: Oregon Health & Science University, Portland, Ore.
Board certification: American Nurses Credentialing Center
Academic appointment: Clinical Instructor

Ahmed Raslan, M.D.
Patient care emphasis: Surgical management of pain, brain tumors, epilepsy, peripheral nerve, spasticity, psycho-affective disorders, movement disorders, normal pressure hydrocephalus
Research interests: Physiology of nociception and pain modulation in the brain stem and image-guided surgery and functional neurological localization during surgery using neuromonitoring
Specialty: Neurosurgery
M.D.: Ain Shams University, Cairo, Egypt
Residencies: Neurological Surgery – Ain Shams University, Cairo, Egypt; Neurological Surgery – Oregon Health & Science University, Portland, Ore.
Fellowships: Stereotactic and Functional Neurosurgery – Oregon Health & Science University, Portland, Ore.; Neurological Surgery – University of British Columbia, Vancouver, Canada
Board certification: American Board of Neurological Surgery
Academic appointment: Assistant Professor

www.ohsubrain.com
Janette Remling, P.A.-C.

**Patient care emphasis:** Skull base surgery  
**Specialty:** Neurosurgery  
**P.A.-C:** Pacific University, Forest Grove, Ore.

Donald Ross, M.D.

**Patient care emphasis:** Minimally-invasive spine procedures  
**Research interests:** Spine outcomes  
**Specialties:** Neurosurgery, spine  
**M.D.:** Indiana University School of Medicine, Indianapolis, Ind.  
**Residency:** Department of Neurological Surgery – University of California at San Francisco, Calif.  
**Fellowship:** Cranial Base Surgery – University of Pittsburgh Medical Center, Pittsburg, Pa.  
**Board certification:** American Board of Internal Medicine – Neurological Surgery (1992)  
**Academic appointment:** Assistant Professor

Nathan Sautter, M.D.

**Patient care emphasis:** Rhinology, allergy and endoscopic skull base/sinus surgery  
**Research interests:** Genetic mechanisms of sinusitis, tissue remodeling in chronic inflammatory disease, hereditary hemorrhagic telangiectasia (HHT)-related epistaxis and inverted papilloma  
**Specialty:** Head and neck surgery/otolaryngology  
**M.D.:** University of Michigan, Ann Arbor, Mich.  
**Residency:** Cleveland Clinic Foundation – Head & Neck Institute, Cleveland, Ohio  
**Fellowship:** Rhinology – Oregon Health & Science University, Portland, Ore.  
**Board certification:** American Board of Otolaryngology  
**Academic appointment:** Assistant Professor

David Sibell, M.D.

**Patient care emphasis:** Management of spinal pain conditions, pain management  
**Research interests:** Interventional pain medicine  
**Specialties:** Anesthesiology, orthopedics and rehabilitation  
**M.D.:** University of Vermont, Burlington, Vt.  
**Residency:** University of Virginia, Charlottesville, Va.  
**Fellowship:** Pain Management – University of Virginia, Charlottesville, Va.  
**Board certification:** American Board of Anesthesiology, Additional Certification in Pain Management  
**Clinical appointment:** Medical Director, Ambulatory Informatics
Lisa Silbert, M.D.
Patient care emphasis: Dementia
Research interests: Transcranial magnetic stimulation and effects of subcortical white matter change on age-related cognitive and motor slowing
Specialty: Neurology
M.D.: Indiana University School of Medicine, Indianapolis, Ind.
Residency: Neurology – University of California, Los Angeles, Calif.
Fellowship: Geriatric Neurology and Clinical Neurophysiology – Oregon Health & Science University, Portland, Ore.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Associate Professor

Timothy Smith, M.D.
Patient care emphasis: Nasal and sinus disease and surgery, endoscopic skull base surgery
Research interests: Outcomes of treatment for sinus disorders
Specialty: Head and neck surgery/otolaryngology
M.D.: University of Cincinnati, Cincinnati, Ohio
Residency: University of North Carolina Hospitals, Chapel Hill, N.C.
Fellowship: Rhinology and Sinus Surgery – Medical College of Wisconsin, Milwaukee, Wis.
Board certification: American Board of Otolaryngology
Academic and clinical appointments: Professor; Director, Oregon Sinus Center at OHSU

W. Brewster Smith, M.D.
Patient care emphasis: Treatment of seizure disorders/epilepsy and general neurology
Specialty: Neurology
M.D.: University of Medicine & Dentistry of New Jersey, Newark, N.J.
Residency: Oregon Health & Science University, Portland, Ore.
Fellowship: Epilepsy – Epilepsy Center of Oregon, Portland, Ore.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Assistant Professor

Joel Solomon, M.D.
Patient care emphasis: Nerve injuries, reconstructive surgery of the hand and upper extremity, reconstructive microsurgery, brachial plexus injuries
Research interests: Nerve regeneration and synapse formation
Specialty: Plastic surgery
M.D.: Washington University, St. Louis, Mo.
Residencies: General Surgery – Emory University, Atlanta, Ga.; Plastic Surgery – Baylor College of Medicine, Houston, Texas
Fellowship: Hand Surgery – Baylor College of Medicine, Houston, Texas
Board certification: American Board of Plastic Surgery; ABPS CAQ Hand Surgery
Academic and clinical appointments: Assistant Professor; Chief of Hand Surgery, Department of Surgery; Director of Hand Fellowship
Rebecca Spain, M.D., M.S.P.H.

Patient care emphasis: Multiple sclerosis and neuroimmunology
Research interests: Multiple sclerosis
Specialty: Neurology
M.D.: Case Western University, Cleveland, Ohio
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Assistant Professor

David Spencer, M.D.

Patient care emphasis: Treatment of seizure disorders/epilepsy, video EEG monitoring
Research interests: Magnetic resonance spectroscopy, imaging methods for epilepsy, electrical stimulation to treat epilepsy
Specialty: Neurology
M.D.: University of Minnesota, Minneapolis, Minn.
Residency: Neurology – Stanford University, Stanford, Calif.
Fellowship: Epilepsy – Stanford University, Stanford, Calif.
Board certification: American Board of Psychiatry and Neurology
Academic and clinical appointments: Professor; Director, OHSU Comprehensive Epilepsy Center

Brett Stacey, M.D.

Patient care emphasis: Anesthesiology and pain medicine
Specialty: Anesthesiology
M.D.: University of Michigan, Ann Arbor, Mich.
Residency: Anesthesiology – University of Pittsburgh, Pittsburgh, Pa.
Fellowship: Pain Evaluation & Treatment Institute, University of Pittsburgh Medical Center, Pittsburgh, Pa.
Board certifications: American Board of Anesthesiology; American Board of Pain Medicine
Academic appointment: Professor

Katie Thompson, P.A.-C, M.P.T.

Patient care emphasis: Neurological surgery and spinal surgery
Specialty: Orthopaedic surgery, neurological surgery
P.A.-C.: Stanford University School of Medicine Foothill College, Palo Alto, Calif.
Tarvez Tucker, M.D.

Patient care emphasis: Neurocritical care, traumatic brain injury, headache and pain management, hypothermia after cardiac arrest
Research interests: Traumatic brain injury and advanced neuroimaging for prognosis
Specialty: Neurointensive care
M.D.: Case Western Reserve University, Cleveland, Ohio
Residency: Neurology – University of California, San Francisco, Calif.
Fellowship: Neurocritical Care – University of Cincinnati, Cincinnati, Ohio
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Associate Professor

Vivek Unni, M.D., Ph.D.

Patient care emphasis and research interests: Parkinson’s disease, movement disorders and alpha-synuclein
Specialty: Neurology
M.D.: Columbia University College of Physicians and Surgeons, New York, N.Y.
Residency: Neurology – Massachusetts General Hospital and Brigham & Women’s Hospital, Boston, Mass.
Fellowship: Movement Disorders – Massachusetts General Hospital and Brigham & Women’s Hospital, Boston, Mass.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Assistant Professor

Kamila Vagnerova, M.D.

Patient care emphasis: Neurocritical care
Research interests: Focal brain ischemia and gender differences in mechanism of neuroprotection and cell death pathways
Specialty: Anesthesiology
M.D.: Charles University, Czech Republic
Residencies: University Hospital Hradec Kralove, Czech Republic; Erasmus University Hospital, Rotterdam, the Netherlands
Fellowships: University Hospital, Hradec Kralove, Czech Republic; Center for Research on Occupational & Environmental Toxicology; Critical Care Medicine – Oregon Health & Science University, Portland, Ore.
Board certification: Czech Republic: 95311-P; Oregon Board of Medical Examiners
Academic appointment: Assistant Professor

Sara Walker, Ph.D.

Patient care emphasis: Psychology
Research interests: Neuropsychology of mood disorders, the role of mood states and personality traits in neuropsychological functioning and adjustment to illness and treatment
Specialties: Neuropsychological evaluations (i.e., evaluations of cognitive and emotional functioning) in the context of psychiatric illness, substance use disorders, head injury, epilepsy and chronic systemic illnesses
Ph.D.: Clinical Psychology – University of California, Santa Barbara, Calif.
Board certification: Oregon Psychology License
Academic appointment: Assistant Professor
Frank Warren, M.D.
Patient care emphasis: Disorders of the ear and skull base surgery
Specialty: Head and neck surgery/otolaryngology
M.D.: Oregon Health and Science University, Portland, Ore.
Residency: Otolaryngology – Oregon Health and Science University, Portland, Ore.
Fellowship: Neurotology – The Otology Group of Vanderbilt, Nashville, Tenn.
Board certification: American Board of Otolaryngology and Neurotology
Academic appointment: Assistant Professor

Ruth Whitham, M.D.
Patient care emphasis and research interests: Multiple sclerosis and neuroimmunology
Specialty: Neurology
M.D.: University of Chicago Pritzker School of Medicine, Chicago, Ill.
Residencies: Internal Medicine; Neurology – Oregon Health & Science University, Portland, Ore.
Fellowships: Neuroimmunology – Oregon Health & Science University, Portland, Ore. and Portland VA Medical Center, Portland, Ore.
Board certification: American Board of Internal Medicine
Academic appointment: Professor

Victoria Wong, M.D.
Patient care emphasis: Epilepsy and EEG
Research interests: Psychogenic non-epileptic seizures
Specialty: Neurology
M.D.: John A. Burns School of Medicine at the University of Hawaii, Honolulu, Hawaii
Residency: Neurology – University of California, Davis Medical Center, Sacramento, Calif.
Fellowships: Clinical Neurophysiology/Epilepsy – University of Michigan, Ann Arbor, Mich.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Assistant Professor

Vijayshree Yadav, M.D.
Patient care emphasis and research interests: Multiple sclerosis and neuroimmunology
Specialty: Neurology
M.D.: Sarojini Naidu Medical College, Agra, India
Residencies: Internal Medicine – Westlake Community Hospital, Melrose Park, Ill.; Neurology – Oregon Health & Science University, Portland, Ore.
Fellowships: Neuroimmunology; Multiple Sclerosis – Oregon Health & Science University and Portland VA Medical Center, Portland, Ore.
Board certification: American Board of Psychiatry and Neurology
Academic appointment: Associate Professor
Chris Yedinak, M.N., F.N.P., D.N.P.

Patient care emphasis: Pre-operative and post-operative care of patients with neuroendocrine and pituitary diseases
Research interests: The relationship between pituitary pathology, quality of life and life functions
Specialty: Neuroendocrine diseases
F.N.P.: Oregon Health & Science University, Portland, Ore.
D.N.P.: Oregon Health & Science University, Portland, Ore.
Board certification: The American Association of Colleges of Nursing
Academic appointment: Assistant Professor

Jung Yoo, M.D.

Patient care emphasis: Surgical treatment of spinal conditions (cervical, thoracic, lumbar) and revision spine surgery
Research interests: Stem cell and biomaterials in spine fusion, complications and outcomes of spine surgery
Specialty: Orthopaedic surgery
M.D.: University of Chicago, Chicago, Ill.
Residency: Orthopaedic Surgery – Case Western Reserve University, Cleveland, Ohio
Fellowship: State University of New York Health Science Center, Syracuse, N.Y.
Board certification: American Board of Orthopaedic Surgery
Academic and clinical appointments: Professor; Department Chair, Orthopaedics and Rehabilitation; Co-director, Spine Center
**Clinical trials**

Physicians and scientists at the OHSU Brain Institute are involved in more than 100 current neurological research studies. Collectively, we are studying treatment, prevention, diagnosis and the underlying cause of neurological conditions that affect approximately 60 million Americans. At the OHSU Brain Institute, we provide your patients access to more treatments for brain and nervous system conditions than anywhere else in Oregon.

A sampling of our research studies and clinical trials include:
- Advanced imaging studies for Alzheimer’s disease, muscular dystrophy and inflammatory disease
- Blood-brain barrier and chemotherapy studies and other conditions
- Clinical outcome and laboratory studies of deep brain stimulation for tremors associated with Parkinson’s disease
- Clinical studies of new therapies for pituitary disorders such as Acromegaly, Cushing’s disease and variants of pituitary tumors
- Seizure pattern studies in epilepsy
- Minimally invasive surgical approaches to brain and spine
- New treatment therapies for multiple sclerosis
- Studies to understand neuropathic, migraine and low back pain
- Study of neural circuits
- Efficacy and safety studies of novel stroke treatments
- Outcome studies of traumatic brain injury and rehabilitation of spinal cord injury
- Development of treatment guidelines for pediatric traumatic brain injury

For more information on clinical trials at the OHSU Brain Institute, please visit www.ohsubrain.com/clinicaltrials.
OHSU Telemedicine Network

The OHSU Telemedicine Network provides emergency physicians throughout Oregon and southwest Washington with immediate access to OHSU stroke specialists 24/7. Using secure two-way audiovideo communication, OHSU stroke neurologists help evaluate time-critical patient needs and collaborate in the development of optimal treatment plans.

Benefits to network hospitals
OHSU works with community hospitals to provide immediate access to specialists around the clock. Working together to improve patient outcomes, OHSU supports local efforts to create a healthier community, reduce costs, improve clinical outcomes, enhance continuity of care and increase opportunities for patients to receive care in their home communities.

Benefits of telemedicine
- Shortens the time-sensitive decision-making process by providing rapid access to OHSU stroke specialists
- Provides assistance from OHSU specialists in timely diagnosis and development of optimal treatment plans
- Reduces costly and unnecessary transfers
- Spares families the time and expense of traveling to an out-of-town hospital to support their loved one
- Improves clinical outcomes and enhances continuity of care
- Increases patient satisfaction

How telemedicine works
Participating hospitals are equipped with a mobile videoconferencing cart that can easily be moved to the patient’s bedside when the local physician calls for a consultation. Access to an OHSU stroke specialist is initiated with a call to 800-648-6478 or 503-494-7000. An OHSU stroke specialist connects to the telemedicine cart with a computer and a secure two-way audio-video connection. The OHSU specialist can help examine the patient, read CT scans, consult with the local physician and answer a family’s questions.

The OHSU Telemedicine Network provides immediate access to stroke neurology, trauma, cerebrovascular neurosurgery, pediatric intensive care, neonatal intensive care, newborn medical genetics and other specialists 24/7.

Psychiatry outpatient consultations are offered on a limited basis. As more resources become available, additional sites will be considered.

For more information, please contact the OHSU Clinical Outreach Department at 503-418-3794 or visit www.ohsu.edu/telemedicine.
Neurodiagnostics

The OHSU Brain Institute provides a wide assortment of advanced neurological testing to support the diagnosis of neurological disorders.

Ambulatory electroencephalography (EEG)
Ambulatory EEG can record up to 24 hours of EEG activity with a special recorder that allows patients to go about their normal routines while the EEG is being recorded. Typically, patients wear this device home for a 24-hour period and return to OHSU the following day where the technician will download and analyze the data collected.

Autonomas
Autonomic testing is a series of safe, non-invasive tests which measure aspects of the nervous system such as blood pressure and flow throughout the body, sweating, bowel and bladder function and sexual function. These tests help determine how patients may respond to various courses of treatment.

Biopsy
We perform skin biopsies to test for small fiber neuropathy. Epidermal nerve fiber density testing is performed and interpreted by our neuropathologists. We also perform open muscle biopsies in our neuromuscular clinic under local anesthesia. Muscle biopsies are interpreted by OHSU neuropathologists, and pathology includes comprehensive testing for muscle disorders including inflammatory myopathies, muscular dystrophies and metabolic myopathies.

Electromyography (EMG)
EMG can detect abnormal muscle electrical activity; it is used to diagnose a number of neurological conditions including nerve dysfunction, peripheral neuropathy, myopathy and amyotrophic lateral sclerosis (ALS).

Epilepsy Monitoring Unit (EMU)
Patients who suffer from seizures which are difficult to diagnose and manage may be admitted to our EMU. Patients who are being considered for seizure surgery will also be admitted to the EMU for monitoring to identify where in the brain the seizures begin.

Evoked potentials studies
Evoked potential studies may be used to assess hearing or sight, diagnose disorders of the optic nerve and detect tumors or other problems affecting the brain and spinal cord. The tests may also be performed to assess brain function during a coma. They involve three major tests that measure response to visual, auditory and electrical stimuli:
- Visual evoked response (VER) test to diagnose optic nerve issues
- Brainstem auditory evoked response (BAER) test to diagnose hearing ability and possibly indicate the presence of brain stem tumors and multiple sclerosis
- Somatosensory evoked response (SSER) test to detect problems with the spinal cord and numbness and weakness of the extremities

Intraoperative monitoring (IOM)
Intraoperative monitoring (IOM) is used to monitor the functional integrity of certain neural structures during complex surgical procedures. IOM is used to reduce a patient’s risk of iatrogenic damage to the nervous system and/or to provide functional guidance to the surgeon and anesthesiologist.
Pediatric neurological disorders

OHSU Doernbecher Children’s Hospital is Oregon’s leading provider of pediatric neurology and neurosurgery services. Our programs are ranked among the nation’s best by *U.S. News & World Report*. Doernbecher specialists help you care for patients with all types of brain, spinal cord and nervous system conditions, including complex problems.

Comprehensive neurology and neurosurgery services include:

- Oregon’s only comprehensive programs for pediatric epilepsy and brain and spinal cord tumors: The only program in the state staffed by two full-time pediatric neurosurgeons
- Access to OHSU Knight Cancer Institute and the latest clinical trials, including the Children’s Oncology Group and Pacific Pediatric Neuro-Oncology Consortium
- The latest imaging and minimally invasive techniques, including new pediatric CT protocols, fetal MRI for neurologic disorders and neuroendoscopy
- Advanced diagnosis and treatment for craniofacial, spinal and neuromuscular disorders
- Leading-edge research: Our pediatric neurosurgeons performed the first transplant of human neural stem cells into the brain

Doernbecher also has the Northwest’s only dedicated Down syndrome clinic and comprehensive services for children with attention deficit hyperactivity disorder (ADHD).

We coordinate all services to help you meet your patients’ needs, from medical and surgical consultation to inpatient and outpatient care. Our specialist teams include pediatric psychiatrists, neuropsychologists, nurse practitioners and social workers. We provide comprehensive patient- and family-centered care as we consult with you on the most appropriate and effective treatments.

To refer a patient or consult with our team, please call 503 346-0644 or 888 346-0644.
Traveling Continuing Medical Education (CME)

Our team strives to provide relevant education to fellow health care professionals; one way we do so is through our Neurosciences Traveling CME courses. These one-hour, CME-accredited sessions are facilitated by OHSU physicians and may take place at your clinic, allowing for required education credits to be earned in the convenience of your own office.

Topics offered include:
- Aging, Alzheimer’s disease and dementia
- ALS and neuromuscular disorders
- Cerebrovascular disease
- Epilepsy
- General wellness
- Multiple sclerosis
- Nerve
- Neuro-oncology/skull base
- Pain
- Parkinson’s disease and movement disorders
- Pediatrics
- Pituitary/neuroendocrinology
- Spine

To get in touch with our provider relations staff for more information or to schedule a lecture, call 503 494-6535.
LOCATIONS

- **Longview**
  625 9th Ave., Suite 210
  Longview, WA 98632
  (Brain and Spine)

- **The Dalles**
  Water’s Edge Building
  551 Lone Pine Blvd.
  The Dalles, OR 97058
  (Spine)

- **Westside**
  Cornell West
  1500 NW Bethany Blvd., Suite 195
  Beaverton, OR 97006
  (Spine)

- **Marquam Hill**
  3181 S.W. Sam Jackson Park Rd.
  Portland, OR 97239
  (Brain and Spine)

- **South Waterfront**
  3303 S.W. Bond Ave., 8th Floor
  Portland, OR 97212
  (Brain and Spine)
OHSU accepts most health plans. For details go to www.ohsu.edu/insurance.