

# UW Medicine

DEPARTMENT OF  
REHABILITATION MEDICINE

# OVERVIEW









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# Executive Summary



# Department Overview

The UW Department of Rehabilitation Medicine is a nationally recognized leader in clinical care, research, and education. Established in 1957 as the Department of Physical Medicine & Rehabilitation by the School of Medicine, the department was the first rehabilitation program to serve the Pacific Northwest. Prior to its inception, patients and trainees traveled as far as British Columbia or Colorado for care and training.

Dr. Justus Lehmann was recruited as the first chair to create a research, training, and clinical care center. Dr. Lehmann served as chair until 1986, followed by Dr. Walter Stolov and Dr. Larry Robinson. Dr. Peter Esselman has served as the chair since 2007.

In 2019, Dr. Esselman created an Executive Council, a leadership structure that provides support and direction for this complex and growing department. New leadership roles were developed, including a vice chair for clinical affairs, a second vice chair for research, and a chief diversity officer. Comprised of these leadership roles and the vice chair for finance and administration, the Executive Council is a leadership team that works with the chair and assists with the overall direction of the department.

In 2022, the Executive Council engaged the department in a refresh of the department mission, vision, and values as a guide for the future:



## Our Mission

Together we achieve and advance the highest quality rehabilitation care, training, and research



## Our Vision

A world where all people can fully participate and thrive



## Our Values

Integrity, Inclusion, Innovation, Impact

Today, with more than 140 paid faculty, 98 courtesy/unpaid faculty and 80 staff, the department continues to grow and evolve in clinical specialization, educational programs and research areas of excellence.

**Clinical Care:** The department has five clinical divisions: General Physiatry, Sports & Spine Physiatry, Pediatric Rehabilitation Medicine, Rehabilitation Psychology & Neuropsychology, and Neurophysiology. Our providers see general and specialized medical rehabilitation and rehabilitation psychology/neuropsychology needs for a diverse patient population that includes individuals with neurological conditions such as spinal cord injury, brain injury, stroke, multiple sclerosis, and musculoskeletal and sports-related conditions. Emerging areas of care for the department in the past two years include cancer rehabilitation and post-COVID rehabilitation and recovery.

Faculty provide clinical services across four UW Medicine campuses: Harborview Medical Center (HMC), UW Medical Center – Montlake (UWMC-Montlake), UW Medical Center – Northwest (UWMC-Northwest), and UW Eastside Specialty Center. In addition, more than 25 of our faculty are based at Seattle Children’s Hospital (SCH) and the Veteran’s Affairs Puget Sound Health Care System (VAPSHCS), which are UW Medicine-affiliated organizations. The Sports & Spine division faculty provide care at seven outpatient clinics throughout the UW Medicine system.

The department is currently developing a strategic plan for clinical care to help guide our growth over the next 5 to 10 years.

**Research:** As one of the largest recipients of rehabilitation research funding in the country, research is a key strength of our department. Research focus areas include limb loss, pain, multiple sclerosis, spinal cord injury, brain injury, and disability. Our faculty collaborate extensively with other departments within the School of Medicine, as well as with outside institutions. Research is conducted across the UW campuses, including the Amplifying Movement & Performance (AMP) Lab in Wallace Hall and the Warren G. Magnuson Health Sciences Center, both on the university’s Seattle campus; UWMC-Northwest; South Lake Union (SLU); the Harborview Medical Center campus; Seattle Children’s Research Institute (SCRI); and the Veteran’s Affairs Puget Sound Health Care System (VAPSHCS).

In fiscal year 2022, our department received more than \$15 million in awards from both government and private sources. The federal government is our largest sponsor at \$6.2 million for FY ‘22. The department is among the top recipients of funds from the National Institutes of Health (NIH) for rehabilitation research. Significant funding also comes from the National Science Foundation; Department of Defense; National Science Foundation; Paralyzed Veterans of America; the Craig H. Neilsen Foundation; and the National Institute on Disability, Independent Living, and Rehabilitation Research, including a model-systems grant to support our departmental initiatives in traumatic brain injury.

In 2020, the department embarked on the development of a comprehensive strategic plan for research. The plan launched in 2021, and is currently well into the implementation phase, with the goal of building and strengthening a diverse, collaborative, and innovative research culture that allows us to have the greatest possible impact on the communities we serve. As part of our investment in research and the research strategic plan, we have recruited seven new clinician-scientists in the past 2 years.

**Education and Training:** We are proud to offer nationally recognized training in rehabilitation therapies and rehabilitation research through four degree programs: PhD in Rehabilitation Science, Master in Occupational Therapy (MOT), Master in Prosthetics & Orthotics (MPO), and Doctor of Physical Therapy (DPT). Our MOT program is currently ranked No. 23 in the nation by US News & World Report, and our DPT program is ranked No. 25.

The PhD in Rehabilitation Science is a completely department-funded program that serves as a pipeline for talented new faculty, many of whom have the benefit of experience as teaching assistants and research assistants for the MOT, MPO, and DPT programs, as well as for department researchers. The MOT and MPO programs are administered under the UW Graduate School, and the DPT program is a financially independent, self-sustaining program.

#### **The department offers three residency programs:**

- ▶ **Physical Medicine & Rehabilitation Residency Program**, an ACGME-accredited program that accepts residents at the PGY-1 and PGY-2 levels, and currently has 30 residents;
- ▶ **Physical Therapy residencies** in acute, pediatric, neurologic, and orthopedic care;
- ▶ **Rehabilitation Psychology residency**, jointly offered with the Department of Psychiatry & Behavioral Science.

In addition, we offer fellowships in amputation rehabilitation, brain injury medicine, multiple sclerosis, pediatric rehabilitation medicine, rehabilitation research, spinal cord injury medicine, and sports medicine. In coordination with VAPSHCS, we also offer a PM&R chief resident position in quality and patient safety.

**Diversity, Equity, and Inclusion:** Established in 2007, the Rehabilitation Equity Diversity & Inclusion Council (REDI) serves as a key forum for department DEI activities. This multi-disciplinary council is co-chaired by Molly Fuentes, MD, MS, Assistant Professor based at Seattle Children's Hospital, and Sujata Pradhan, PT, PhD, Associate Professor in our DPT program. In 2020, Bernadette Williams-York, PT, DSc, GCS, was named our chief diversity officer and joined the department Executive Council.

**Community Engagement and Services:** Our department is home to a number of programs that provide information and direct service to people with disabilities, as well as to the broader community. Activities include educating businesses about how to be accessible through the Northwest Americans With Disabilities Center (NWADA); workshops, training, and consulting on employment access and inclusion for people with disabilities through the Center for Continuing Education in Rehabilitation (CCER); and assessment, training, and support for people with disabilities seeking employment through the University of Washington Employment Program (UWEP) and Neurological Vocational Services (NVS).

## Administrative Organization

**Finance and Administration:** The department is in a strong financial position and able to invest in developing faculty and staff. We've grown our Chair's Office administrative support team to over 20 staff to support the department's increased research activities and unprecedented growth in recruitment.

### Our current administrative improvements projects include:

- ▶ A complete redesign of the department website (in progress),
- ▶ Upgraded classroom/conference rooms,
- ▶ Improved audio visuals for our teaching programs,
- ▶ Enhancing IT support services, including comprehensive IT security, for faculty and staff.

We have strengthened partnerships with our UW Advancement Office colleagues and made important gains in attracting philanthropy in connection with our research and education programs over the past year, resulting in gifts increasing from \$500K in FY '21 to \$1.2M in FY '22.

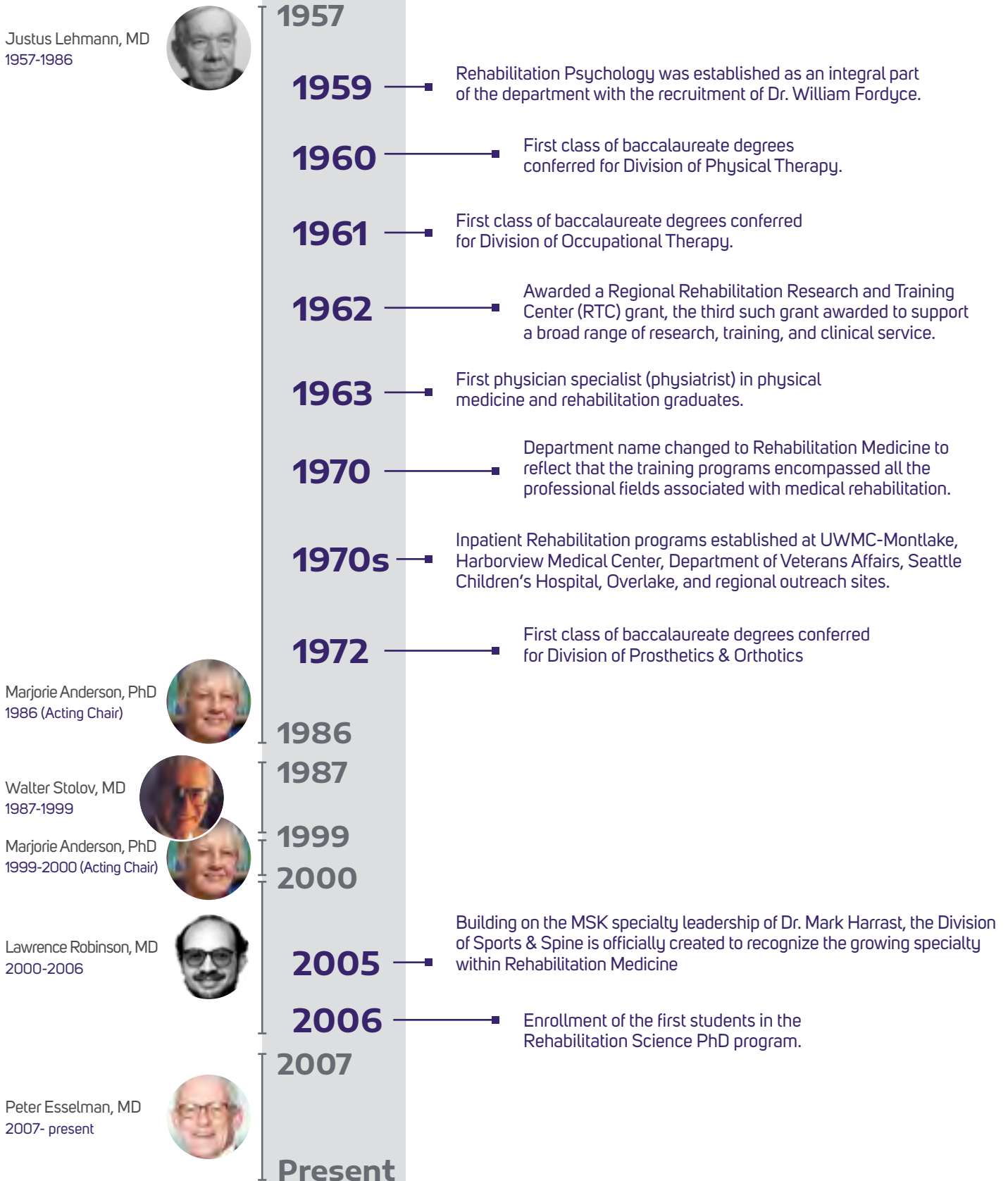
**Recruitment and Retention:** A critical area of focus in the current market, we have increased starting salaries of new recruits and have made great progress in our goal to move all faculty total compensation to at least the AAMC 50th percentile.

**Location:** The department administrative offices, including the Office of the Chair, are located primarily on the 14th floor of the Ninth and Jefferson Building (NJB) on the Harborview Medical Center campus. The department is supportive of hybrid work schedules for staff and faculty.

# History of Department of Rehabilitation Medicine at UW

## Chair history

## Early Milestones







# Faculty Leadership

## Executive Council



**Peter Esselman, MD, MPT**  
*Professor, Chair*



**Janna Friedly, MD, MPH**  
*Professor, Vice Chair  
for Clinical Affairs*



**Mark Jensen, PhD**  
*Professor, Vice Chair  
for Research*



**David Morgenroth, MD**  
*Professor, Vice Chair  
for Research*



**Bernadette Williams-York,  
PT, DSc, GCS**  
*Associate Professor,  
Chief Diversity Officer*



**DeAnn Lestenkof, MPA**  
*Vice Chair for  
Finance & Administration*

## Hospital Leadership

### UW Medical Center – Montlake



**Ny-Ying Lam, MD**  
*Chief of Service*



**Denise Li Lue, MD**  
*Associate Chief of Service*

## Hospital Leadership (cont.)

### Harborview Medical Center

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Deborah Crane, MD, MPH  
*Chief of Service*



Aaron Bunnell, MD  
*Associate Chief of Service*

### Pediatric Rehabilitation Medicine, Seattle Children's Hospital

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Marisa Osorio, DO  
*Division Chief*

### VA Puget Sound Health Care System (VAPSHCS)

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Stephen Burns, MD  
*Chief of Spinal Cord Injury  
Service Line*



Kevin Hakimi, MD  
*Chief of Rehabilitation  
Care Service Line*



## Academic Program Leadership

### PhD in Rehabilitation Science

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Carolyn Baylor, PhD  
*Associate Professor, Co-Director*



Tracy Jirikowic, PhD, OTR/L  
*Professor, Co-Director*

### Doctor of Physical Therapy

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Bernadette Williams-York,  
PT, DSc, GCS  
*Director*



Laura Johnstone, MPT, PhD  
*Associate Director*

### Master of Occupational Therapy

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Tracy Jirikowic, PhD, OTR/L  
*Professor, Director*

### Master of Prosthetics & Orthotics

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Stefania Fatone, PhD  
*Professor, Director*



**BEST  
HOSPITALS**  
**USNews**  
NATIONAL  
AWARDS FOR QUALITY  
2020-21

**#1 Hospital in  
Washington**

**UW Medicine**  
UNIVERSITY OF WASHINGTON  
MEDICAL CENTER

# Faculty by Division

To our entire UW Medicine  
*Thank*  
You are all

# Physical Medicine & Rehabilitation

## Division of General Physiatry

Juan L. Asanza, MD, *Clinical Assistant Professor*

Heather Barnett, MD, PhD, *Acting Assistant Professor*

Aaron Bunnell, MD, *Associate Professor*

Kathleen H. Burgess, MD, *Clinical Associate Professor*

Stephen Burns, MD, *Professor*

Aaron Butler, MD, *Clinical Assistant Professor*

Carolyn Campbell, MD, *Acting Assistant Professor*

Scott J. Campea, MD, *Clinical Assistant Professor*

Deborah A. Crane, MD, *Associate Professor*

Kate Delaney, MD, *Assistant Professor*

Peter C. Esselman, MD, MPT, *Professor*

Janna L. Friedly, MD, *Professor*

Michael Gallagher, MD, MA, *Assistant Professor*

Barry Goldstein, MD, PhD, *Professor*

Kevin N. Hakimi, MD, *Associate Professor*

Jodie K. Haselkorn, MD, MPH, *Professor*

Deena Hassaballa, DO, *Clinical Assistant Professor*

Julie Ann Hodapp, MD, *Clinical Associate Professor*

Gloria Hou, MD, *Clinical Assistant Professor*

Ileana M. Howard, MD, *Associate Professor*

Hanna Hunter, MD, *Assistant Professor*

Cherry Junn, MD, *Assistant Professor*

Marla S. Kaufman, MD, *Clinical Associate Professor*

Ny-Ying Lam, MD, *Assistant Professor*

Audrey Leung, MD, *Assistant Professor*

Denise Li Lue, MD, *Clinical Assistant Professor*

Ian Logan, MD, *Acting Assistant Professor*

Sean Matsuwaka MD, *Clinical Assistant Professor*

Nicole Mazwi, MD, *Associate Professor*

Christopher McMullen, MD, CAQSM, *Clinical Assistant Professor*

Lisa A. McPeak, MD, *Clinical Associate Professor*

Lina Mezei, MD, *Clinical Assistant Professor*

David C. Morgenroth, MD, *Professor*

Ib R. Odderson, MD, PhD, *Associate Professor*

Jamie Ott, DO, *Acting Assistant Professor*

Nassim Rad, MD, *Assistant Professor*

Katerina O. Radkevich, MD, *Clinical Assistant Professor*

James P. Robinson, MD, PhD, *Clinical Professor Emeritus*

Kendl Sankary, MD, *Clinical Assistant Professor*

Sarah Simmons, MD, PhD, *Assistant Professor*

Shawn H. Song, MD, *Assistant Professor*

Rebecca Speckman, MD, PhD, *Acting Assistant Professor*

Pradeep Suri, MD, *Professor*

Jelena N. Svircev, MD, *Associate Professor*

Leilei Wang, MD, *Clinical Associate Professor*

Karen M. Wooten, MD, *Clinical Assistant Professor*

## Division of Pediatric Rehabilitation Medicine

Amy Chambliss, MD, *Acting Assistant Professor*

Molly M. Fuentes, MD, *Assistant Professor*



Teresa L. Massagli, MD, *Professor Emeritus*

Jaclyn Omura, MD, *Assistant Professor*

Marisa Osorio, DO, *Associate Professor*

Desiree L. Roge, MD, *Clinical Associate Professor*

Elaine Y. Tsao, MD, *Assistant Professor*

## Division of Sports & Spine

Omar M. Bhatti, MD, *Clinical Associate Professor*

Eric T. Chen, MD, *Clinical Assistant Professor*

Leah Grace Concannon, MD, *Clinical Associate Professor*

Joseph M. Czerniecki, MD, *Professor Emeritus*

Mark A. Harrast, MD, *Clinical Professor*

Stanley Herring, MD, *Clinical Professor*

Joseph Ihm, MD, *Clinical Professor*

Stephen C. Johnson, MD, *Clinical Associate Professor*

Brian J. Krabak, MD, *Clinical Professor*

Erek W. Latzka, MD, *Clinical Assistant Professor*

Brian C. Liem, MD, *Clinical Associate Professor*

Cindy Lin, MD, *Clinical Associate Professor*

Mindy Loveless, MD, *Clinical Associate Professor*

Christopher McMullen, MD, CAQSM, *Clinical Assistant Professor*

Pontus B. Oberg, DO, FAAPMR, *Clinical Assistant Professor*

James Robinson, MD, PhD, *Clinical Professor Emeritus*

Neelwant Sandhu, MD, *Clinical Associate Professor*

Stuart M. Weinstein, MD, *Clinical Professor Emeritus*

## Community Engagment & Services

Heather Evans, PhD, *Acting Assistant Professor*

Robert T. Fraser, PhD, *Professor Emeritus*

Mark Harniss, PhD, *Associate Professor*

Kurt L. Johnson, PhD, *Professor Emeritus*

## Neurophysiology

Robert N. Holdefer, PhD, *Associate Professor*

Greg Kinney, PhD, *Associate Professor*

Vicente Martinez, PhD, *Associate Professor*

Jefferson Slimp, PhD, *Professor Emeritus*

## Occupational Therapy

Keri DeGroot, OTD, OTR/L, *Assistant Teaching Professor*

Don Fogelberg, PhD, OTR/L, *Associate Professor*

Tracy L. Jirikowic, PhD, OTR/L, *Professor*

Danbi Lee, PhD, OTR/L, *Assistant Professor*

Tracy Mroz, PhD, OTR/L, *Associate Professor*

Becky Smith, MOT, *Assistant Teaching Professor*

## PhD in Rehabilitation Sciences

Tracy L. Jirikowic, PhD, OTR/L, *Professor, PhD*

Carolyn Baylor, PhD, *Associate Professor*

## Physical Therapy

Cristine Agresta, PhD, MPT, *Assistant Professor*

Beth Brown, PT, PhD, *Associate Professor*

Michelle Cangialosi, PT, DPT, CMPT, OCS, *Teaching Associate*

Jenny Chang, PT, *Teaching Associate*

Claire E. Child, PT, DPT, MPH, *Teaching Associate*

Kathleen Cummer, DPT, PhD, *Assistant Teaching Professor*

Gretchen T. Deutschlander, PT, DPT, OCS, *Teaching Associate*

Lisa Barton Diller, MMSc, *Teaching Associate*

Heather Feldner, PT, PhD, *Assistant Professor*

Torey J. Gilbertson, PT, PhD, *Assistant Teaching Professor*

Laura M. Johnstone, PT, PhD, *Assistant Teaching Professor*

Valerie E. Kelly, PT, PhD, *Associate Professor*

Stacia Lee, PT, NCS, *Lecturer Part-Time Temporary*

Murray E. Maitland, PhD, *Associate Professor*

Patricia Noritake Matsuda, PT, DPT, PhD, *Associate Professor*

Sally Westcott McCoy, PT, PhD, *Professor Emeritus*

Janis McCullough, PT, PhD, *Assistant Teaching Professor*

Sujata Pradhan, PT, PhD, *Associate Professor*

Rachel Prusynski, PhD, DPT, NCS, *Assistant Professor*

Sean D. Rundell, PT, PhD, *Associate Professor*

Megan P. Scudder, BS, *Teaching Associate*

Bernadette Williams-York, PT, DSc, GCS, *Associate Professor*

## Prosthetics & Orthotics

Geoffrey Balkman, PhD, *Assistant Professor*

Stefania Fatone, PhD, *Professor*

Brian J. Hafner, PhD, *Professor*

Susan Kapp, MEd, CPO, LPO, *Associate Teaching Professor*

Cody L. McDonald, PhD, MPH, CPO, *Assistant Professor*

Bryan Roehr, LCPO, *Assistant Teaching Professor*

Sue Spaulding, MS, CPO, FAAOP, *Associate Teaching Professor*

## Rehabilitation Psychology & Neuropsychology

Kevin N. Alschuler, PhD, *Professor*

Samantha B. Artherholt, PhD, *Clinical Associate Professor*

Jacob Bentley, PhD, ABPP (RP), *Acting Associate Professor*

Chuck Bombardier, PhD, *Professor*

Nick Dasher, PhD, *Assistant Professor*

Dawn M. Ehde, PhD, *Professor*

Gina Formea, PhD, ABPP-CN, *Clinical Associate Professor*

Myron Goldberg, PhD, *Clinical Professor*

Tracy Herring, PhD, *Acting Assistant Professor*

Jeanne M. Hoffman, PhD, *Professor*

Mark P. Jensen, PhD, *Professor*

Lindsey Knowles, PhD, *Acting Assistant Professor*

Jed McGiffin, PhD, *Acting Assistant Professor*

Ivan R. Molton, PhD, *Professor*

Kathleen Pagulayan, PhD, *Associate Professor*

David R. Patterson, PhD, *Professor Emeritus*

Joel Peterman, PhD, *Clinical Assistant Professor*

Lauren Schwartz, PhD, *Clinical Professor*

David Sheppard, PhD, *Assistant Professor*

Jeffrey J. Sherman, PhD, *Clinical Professor*

Amy Starosta, PhD, *Assistant Professor*

Aaron P. Turner, PhD, *Professor*

Shelley Wiechman, PhD, *Associate Professor*

Rhonda M. Williams, PhD, *Professor*

Katherine Wright, PhD, *Clinical Assistant Professor*

## Research

Dagmar Amtmann, PhD, *Research Professor*

Marcia A. Ciol, PhD, *Research Professor Emeritus*

Joseph M. Czerniecki, MD, *Professor Emeritus*

Andrew Humbert, PhD, *Assistant Professor*

David L. Mack, PhD, *Associate Professor*

M. Elena Mendoza, PhD, *Research Assistant Professor*

Sarah E. Mondello, PhD, *Research Assistant Professor*

Chet Moritz, PhD, *Adjunct Professor*

Daniel Norvell, PhD, *Research Associate Professor*

## SOM WWAMI Medical Education Program

Russell Baker, EdD, DAT, *Clinical Associate Professor*

Angela Fuhman, MD, *Clinical Instructor*

Julia Helen Daher, MD, *Clinical Assistant Professor*

## Speech Pathology

Carolyn Baylor, PhD, *Associate Professor*

Kathryn M. Yorkston, PhD, *Professor Emeritus*

## Faculty Demographics

Rank	Women (%)	Men (%)
Professor	39	61
Clinical professor	14	86
Associate professor	46	54
Clinical associate professor	73	27
Assistant professor	82	18
Clinical assistant professor	50	50
Acting assistant professor	93	7





# Clinical Care

Clinical care is at the core of everything we do. Janna Friedly, MD, MPH, Professor and Vice Chair for Clinical Affairs, serves on the department's Executive Council. The department has five clinical divisions: General Physiatry, Sports & Spine, Physiatry, Pediatric Rehabilitation Medicine, Neurophysiology, and Rehabilitation Psychology & Neuropsychology. We provide general and specialized medical rehabilitation and rehabilitation psychology/neuropsychology for a diverse patient population that includes individuals with neurological conditions such as spinal cord injury, brain injury, stroke, multiple sclerosis, cancer, and musculoskeletal- and sports-related conditions. Long Covid is an emerging area of care, and our Post-COVID Rehabilitation & Recovery Clinic has received national attention as a comprehensive program addressing the long-term effects of COVID-19.

Our faculty provide clinical services across four UW Medicine campuses: Harborview Medical Center (HMC), UW Medical Center - Montlake (UWMC-Montlake), UW Medical Center - Northwest (UWMC-Northwest), and UW Eastside Specialty Center, as well as Seattle Children's Hospital (SCH) and the Veterans Administration Puget Sound Health Care System (VAPSHCS). The department provides inpatient rehabilitation programs at UWMC-Montlake, HMC, SCH and the VAPSHCS.

The clinical demand for physiatry and rehabilitation psychology continues to grow, and the department programs have increased in volume and specialization. The department's clinical FTE has increased by more than 20 percent in the past two years, and we continue to recruit at an unprecedented rate to address extended outpatient wait times and reduce a high average length of stay at UWMC and HMC. Our clinical divisions are currently engaged in a strategic planning process in order to guide our next steps as we continue to grow.

## Physical Medicine & Rehabilitation

### Division of General Physiatry

Our Division of General Physiatry treats a wide variety of medical conditions affecting the brain, spinal cord, nerves, bones, joints, ligaments, muscles, and tendons. Our physiatrists offer inpatient and outpatient services at hospitals and clinics throughout the UW Medicine system. Through our inpatient rehabilitation units at HMC and UWMC, our physiatrists provide care alongside a multidisciplinary rehabilitation care team.

At both UWMC and HMC, the majority of admissions are diagnosed with stroke, traumatic brain injury, spinal cord trauma, or polytrauma. Inpatient teams also care for patients with burns, amputations, and neurological disorders.

Harborview's mission includes serving the most vulnerable residents of King County. Many of the individuals served have minimal support networks, limited coping mechanisms, and inadequate economic resources. Our physiatrists lead multidisciplinary teams to create plans that meet both rehabilitation and ongoing care needs.

### Division of Pediatric Rehabilitation Medicine

Led by Dr. Marisa Osorio, our Division of Pediatric Rehabilitation Medicine provides inpatient services at Seattle Children's Hospital and outpatient services in Washington, Alaska and Montana.. They aim to provide the highest level of clinical care to children and adolescents with acquired and congenital disabilities with an emphasis on maximizing functional abilities and quality of life. Specialties include: cerebral palsy, spinal cord injury, traumatic brain injury, neuromuscular diseases, spina bifida, brachial plexopathy, and sports-related injuries.

## Division of Sports & Spine

The Division of Sports & Spine is led by Stan Herring, MD, Clinical Professor, co-founder and senior medical advisor of [The Sports Institute at UW Medicine](#). Specializing in musculoskeletal medicine (MSK), these clinics are known for outstanding care in the areas of sports medicine, spine, and sports concussion. Patients are served through seven outpatient clinics across the healthcare system. Faculty also serve as team physicians and consultants for youth sports, adaptive sports, professional teams including the Seattle Seahawks and Seattle Mariners, and individual elite athletes.

Our Sports & Spine division is targeted for significant growth over the next five to ten years as UW Medicine looks to expand the entry points for the Orthopedic Health, Sports Medicine, and Spine Care service lines. Our faculty are also actively involved in medical student, resident, and fellow education at UW, as well as in other graduate medical education locally, regionally, nationally, and internationally. They hold leadership positions in national and international medical societies, are involved in clinical research projects, and are regularly published in refereed journals.

## Division of Rehabilitation Psychology & Neuropsychology

Under the direction of Jeanne Hoffman, PhD, ABPP, Professor, the Division of Rehabilitation Psychology & Neuropsychology has experienced tremendous growth in the past two years. We've recruited seven new psychologists in the past 18 months to support increasing demand for care and further develop research areas of focus in line with the research strategic plan. Rehabilitation psychologists at HMC and UWMC provide psychological care for patients on the inpatient and outpatient rehabilitation medicine services and provide consultation for inpatients on nearly every unit in both hospitals through the Rehabilitation Psychology Consult Service. These units include burns, pediatrics, neurosurgery, orthopedic surgery, neurology, general medicine and intensive care units. Our psychology residents and fellows are exposed to a wide variety of rehabilitation psychology assessment, treatment and consultation and learn to work with interdisciplinary medical teams in both inpatient and outpatient settings.

## Division of Neurophysiology

The Division of Neurophysiology provides intraoperative neuromonitoring (IONM) services at HMC and UWMC. IONM is the continuous surveillance of a patient's nervous system (the brain, spinal cord, and nerves) when it can be at risk of injury during surgery. If there is a risk of damage to the nervous system, a neurophysiologist can immediately alert the surgical team, who can then take steps to protect the patient's nervous system. Our team monitors most ortho spine cases at UWMC, including laminectomies, laminotomies, fusions, interbody fusions (and spine procedure with instrumentation), scoliosis, kyphosis, and spinal cord bone tumors. At HMC the team monitors both ortho spine and neurosurgery cases, including all of the above plus brain tumors, aneurysms, AVMs, cavernomas, bypasses, and carotid endarterectomies.





# Clinical Locations





## UW Medical Center

**Montlake Campus,  
1959 NE Pacific St., Seattle, WA 98195**

**Northwest Campus,  
1550 N. 115th Street, Seattle, WA 98133**

The UW Medical Center (UWMC) has two campuses.

The Montlake Campus is located adjacent to the University of Washington and the School of Medicine. The Northwest Campus is located in a community setting north of Seattle and has opportunities for clinical growth, including a new behavioral health building scheduled to open in 2024. Every day, more than 5,500 dedicated and compassionate UW Medical Center team members bring passion and commitment to the care of patients and their families.

As the No. 1 hospital in Seattle and the state of Washington since 2012 (U.S. News & World Report), UW Medical Center is one of the world's foremost academic health centers, delivering exceptional multidisciplinary care to a vast array of patients who come here from across the globe.

The Department of Rehabilitation Medicine at UWMC operates a 16-bed inpatient program, an acute care consult service, and outpatient clinics in multiple areas. The department works closely with other programs such as transplant, cardiac, and oncology programs.

**Ranked No. 1 hospital in Seattle** and Washington since 2012 by U.S. News & World Report. Ranked No. 5 in the nation for rehabilitation.



## Harborview Medical Center

**325 9th Ave, Seattle, WA 98104**

Harborview Medical Center (HMC) is a comprehensive healthcare facility dedicated to providing specialized care for a broad spectrum of patients from throughout the Pacific Northwest, including the most vulnerable residents of King County.

The Department of Rehabilitation Medicine operates an inpatient program at HMC with 24 certified rehabilitation beds, an acute care consult service, and outpatient clinics in multiple areas. The clinical focus is the treatment of individuals with traumatic injuries (TBI, SCI, amputation, multiple trauma) and stroke.

As the only designated Level I adult and pediatric trauma and verified burn center in the state of Washington, Harborview serves as the regional trauma and burn referral center for Alaska, Montana, and Idaho, and as the disaster preparedness and disaster control hospital for Seattle and King County.

The UW Medicine physicians, staff, and other healthcare professionals based at Harborview provide exemplary patient care in leading-edge centers of emphasis, including emergency medicine, trauma, and burn care; neurosciences, ophthalmology, vascular surgery, HIV/AIDS, and rehabilitation medicine.

**Rehabilitation program ranked  
No. 22** in the nation by U.S. News  
& World Report





## Seattle Children's Hospital

**4800 Sand Point Way NE, Seattle, WA 98105**

For more than 100 years, Seattle Children's Hospital has specialized in meeting the unique physical, emotional, and developmental needs of children from infancy through young adulthood. Through the collaboration of physicians in nearly 60 pediatric subspecialties, Seattle Children's provides inpatient, outpatient, diagnostic, surgical, rehabilitative, behavioral, emergency, and outreach services – regardless of a family's ability to pay.

The Pediatric Rehabilitation Medicine program, with 7 physiatrists, operates an inpatient unit, consult service, and outpatient clinics in multiple areas, including treatment of children with traumatic injuries, neuromuscular conditions, and neurodevelopmental disorders. Many of these clinics are interdisciplinary and coordinated with other medical specialties.

**Ranked No. 1 pediatric hospital** in Washington and the Pacific Northwest by U.S. News & World Report



## VA Puget Sound Health Care System

**1660 South Columbian Way, Seattle, WA 98108-1532**

At VA Puget Sound Health Care System (VAPSHCS), the health care teams are deeply experienced and guided by the needs of veterans, their families, and caregivers. The VAPSHCS has two rehabilitation medicine programs. The SCI program has a comprehensive inpatient and outpatient clinical program to provide care to veterans with SCI. The Rehabilitation Care Service (RCS) has inpatient and outpatient programs in multiple areas such as limb loss, multiple sclerosis, post-COVID, and mild TBI. Regional programs based at VAPSHCS include the Multiple Sclerosis Center of Excellence-West and a regional Amputation System of Care.

## Sports & Spine Outpatient Care

Our Sports & Spine physiatrists work in outpatient clinics throughout the UW Medicine system. This includes clinics at Harborview Medical Center, the Sports Medicine Center at Husky Stadium, UWMC – Northwest, Eastside Specialty Center, VAPSHCS, the Sports Medicine Clinic at Ballard, and as co-located with the primary care clinic in South Lake Union. This group of 17 physiatrists work closely with orthopedic surgery and neurosurgery to provide comprehensive services to individuals with spine and musculoskeletal conditions. The treatment of individuals with sports concussions is also an important aspect of their clinical service.





# Research



Research is one of the essential pillars of this department. David Morgenroth, MD, Professor and Vice Chair for Research, led the development of our Research Strategic Plan and is overseeing its implementation. Mark Jensen, PhD, Professor and Vice Chair for Research, also provides leadership for department research activities. Both vice chairs are members of the Executive Council.

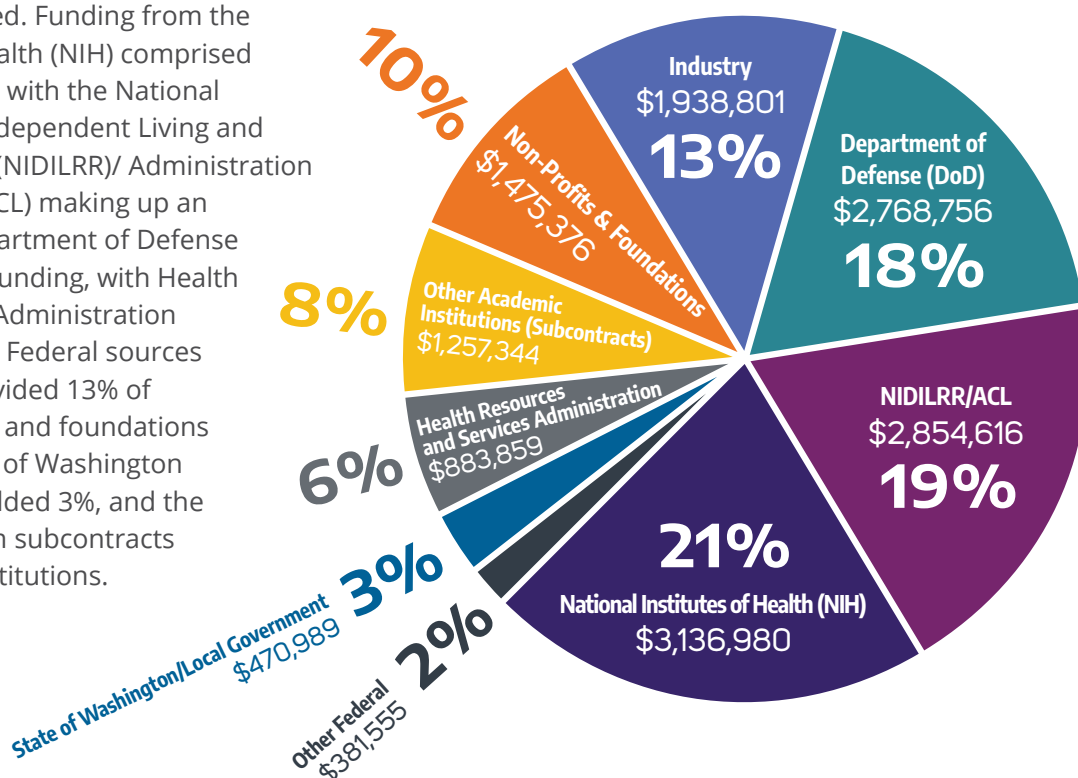
## Research Funding and Rankings

The University of Washington is one of the world’s preeminent public universities; it was ranked No. 17 in the world and No. 3 among US public universities on the [2022 Academic Ranking of World Universities](#). Since 1972, UW has continued to receive more federal research funding than any other US public university. The UW research funding profile has grown over the last twenty years, with grant and contract totals of an astounding \$1.69 billion for fiscal year 2022. We are one of the few universities in the United States with total research funding greater than \$1 billion. This is the 14th consecutive year UW has received in excess of \$1 billion in funding for grants and contracts. In addition to its No. 1 position in primary care education and family medicine training, the [UW School of Medicine](#) also placed No. 2 among public institutions for research.

The UW Department of Rehabilitation Medicine continues to be one of the leading rehabilitation research departments in the United States. Faculty across all divisions are involved in and leading research in numerous scientific domains with a focus on a wide variety of patient populations. We also have a robust administrative team supporting sponsored research, including the grants management team, and an assistant director for research administration. Finally, the department has a long-term relationship with the School of Medicine’s Administrative Business Center (SOM ABC) team to assist with a subset of pre-award functions.

In FY '22, a total of \$15.17 million in research funding was awarded to departmental researchers and 62 unique competitive, new, or re-submitted research proposals were submitted. Funding from the National Institutes of Health (NIH) comprised 21% of the total funding, with the National Institute on Disability, Independent Living and Rehabilitation Research (NIDILRR)/ Administration for Community Living (ACL) making up an additional 19%. The Department of Defense contributed 18% of our funding, with Health Resources and Services Administration making up 6% and other Federal sources adding 2%. Industry provided 13% of funding, and non-profits and foundations provided 10%. The State of Washington and local government added 3%, and the remaining 8% came from subcontracts from other academic institutions.

**Department of Rehabilitation Medicine: FY22 Award Amounts**  
By Sponsor Type  
TOTAL: \$15,168,276



## Strategic Plan for Advancing Research

Research drives innovation and is integral to our departmental mission. Therefore, we recently developed a comprehensive five-year [strategic plan](#) focused on conducting the highest quality and most impactful rehabilitation research. We anticipate that advancing the key focus areas of this strategic plan will enable our department not only to enhance our research program but also to serve as a potential template to strengthen our clinical and teaching programs. To ensure the strategic plan reflects the perspectives of the entire department, a diverse group of faculty, staff, and trainee stakeholders from across departmental divisions were engaged throughout the strategic planning process. Through our process of discovery, we have learned about not only our many strengths but also areas where we need to build. We envision a future with a diverse, collaborative, and innovative research culture that allows us to have the greatest possible impact on the community we serve. Our strategic plan is a roadmap to realize this vision.

**As part of the strategic plan, six specific areas of focus were identified as critical to the continued success and growth of the research program including:**

- ▶ Roles and expectations
- ▶ Impactful research
- ▶ Collaborative and inclusive culture
- ▶ Mentorship, training, and professional development
- ▶ Grant-writing success
- ▶ Reputational impact

Each of these areas has a set of goals and milestones established to ensure we invest the necessary time and resources for success.

## Research Training Programs

**PhD in Rehabilitation Science:** The PhD in Rehabilitation Science is a nationally recognized, interdisciplinary program accepting up to eight students every two years. Qualified applicants have outstanding clinical, academic, and leadership backgrounds in occupational therapy, physical therapy, speech and language pathology, rehabilitation counseling, psychology, prosthetics & orthotics, medicine, nursing, engineering, or other fields related to rehabilitation science.

The PhD Program enrolled its first cohort in 2006. Since then, 34 students have graduated, prepared to be researchers, educators, and leaders in the area of rehabilitation science and to contribute to the development of rehabilitation practice, research, and policy. Students focus their studies on human function and disability. They learn both basic and applied research skills from the fields of health sciences, social sciences, engineering, and related fields. Focus areas include enhancing physical and psychosocial functioning, participation in life situations, quality of life of people with disabilities, and relevant social and health care policies.

**Graduates of the PhD Program are expected to do the following:**

- ▶ Demonstrate advanced knowledge and productivity in rehabilitation science specific to research, education, service delivery, and/or policy.
- ▶ Demonstrate leadership in interdisciplinary collaboration for the purpose of optimizing research, education, service delivery, and/or policy.
- ▶ Generate and extend knowledge that is innovative and rigorously tested within a focused area of rehabilitation science.

The PhD in Rehabilitation Science curriculum is founded on a biopsychosocial framework and a commitment to interdisciplinary research and interprofessional practice.

**Though we expect each student's pathway to be highly individualized, all students will complete specific requirements:**

- ▶ A seven-quarter core course series (21 credits),
- ▶ A seven-quarter professional development seminar series (7 credits),
- ▶ Extensive coursework or independent study in research methods (min. 18 credits),
- ▶ Coursework and practicum experiences in teaching (min. 5 credits),
- ▶ Three cognates (interrelated areas of study) specific to their goals (min. 6 credits each). Each cognate will include a series of courses and/or independent studies.

In addition to these requirements, the curriculum for each student will include research experience, including participation in a mentor's research culminating in the completion of a manuscript and scholarly presentation, completion of the general examination, and successful defense of the dissertation. The student's committee and the core faculty members of the Rehabilitation Science PhD Program must approve the entire course of study. Please read the [PhD Curriculum Plan](#) for a detailed overview of the curriculum for students in the PhD Program in Rehabilitation Science.

The major limitation for the PhD program is a lack of full and guaranteed funding for the duration of students' PhD education, which is a recruitment disadvantage and challenge over time for accepted students.

**Mentor-Based Rehabilitation Research Fellowship, sponsored by the National MS Society:** [This fellowship's](#) objective is to train new investigators to become successful independent researchers in the field of multiple sclerosis (MS) rehabilitation research. The fellow will develop a research training plan under the mentorship of faculty with expertise in a variety of MS research areas (e.g., depression, chronic pain, exercise interventions). Trainees will be expected to spend one or two years in research training, with no more than 20% of time for clinical activities.

## Key Research Centers and Labs

**Americans with Disabilities Act Knowledge Translation Center (ADAKTC):** [The Knowledge Translation \(KT\) Center](#) supports the [ADA National Network \(ADANN\)](#) in helping people with disabilities, professionals, employers, businesses, and others understand their rights and responsibilities under the Americans with Disabilities Act (ADA). The primary goal of the project, in collaboration with the ADANN, is to perform activities that increase the implementation of the ADA in communities across the United States.

**AMP Lab — Amplifying Movement & Performance:** [The AMP Lab](#) is a collaboration between the University of Washington's College of Engineering and Department of Rehabilitation Medicine that seeks to amplify human and robotic movement and performance. The AMP Lab seeks to advance understanding of the dynamics and control of movement to design treatment strategies and assistive technologies that improve function, performance, and quality of life for people in health and disease.



**Burn Model System (BMS) National Data and Statistical Center:** [The center](#) is a centralized resource for researchers, data collectors, and clinicians within and beyond the BMS. Center researchers provide data collection and data management expertise, statistical and methodological assistance and services, access to the BMS National Longitudinal Database (BMS NDB), overviews of the data contained in the BMS NDB, and training and technical assistance to BMS Centers.

**Center for Limb Loss and MoBility (CLiMB), VA:** CLiMB has been continuously funded by VA RR&D since 1997, including more than \$6 million in current center funding and approximately \$30 million in investigator-initiated funding over the past five years. The center's mission is to preserve, restore, and enhance functional mobility, independence, and participation in veterans with lower limb musculoskeletal impairment or limb loss. CLiMB principal investigators are scientists and clinician-scientists from the UW departments of Rehabilitation Medicine, Orthopedics, and Mechanical Engineering. CLiMB's multidisciplinary team of principal investigators, staff, students, and postdocs focus on a range of scientific domains across the pathway, from basic science through clinical research and translation.

**Center for Technology and Disabilities Studies (UWCTDS):** An interdisciplinary program within the Center for Human Development & Disability and the Department of Rehabilitation Medicine, [UWCTDS](#) focuses on a broad range of topics related to disability and the supportive use of technology.

**CLEAR Center, University of Washington:** [The Clinical Learning, Evidence and Research \(CLEAR\) Center](#) is a musculoskeletal research center led by a multidisciplinary team at the University of Washington. Founded in 2017, the CLEAR Center is funded by an initial \$3.75 million grant from the [National Institute of Arthritis and Musculoskeletal and Skin Diseases \(NIAMS\)](#).

**Multiple Sclerosis Rehabilitation & Wellness Research Center:** [This center](#) is a group of clinician-scientists committed to investigating novel interventions to help people with multiple sclerosis (MS) live their best lives while training the next generation of researchers and providers. Center clinician-scientists focus on innovative clinical research to improve the delivery and utilization of effective treatments for MS and comorbid conditions, including chronic pain, fatigue, and depression, to affect system-level changes to improve care for people living with MS.

**Northwest Regional Spinal Cord Injury System (NWRSCIS):** [The NWRSCIS](#) is a regional center of spinal cord injury care, research, and education. The mission of the NWRSCIS is to improve the lives of people with SCI through excellent patient care, research, and education. The center provides specialized care to persons with SCI, conducts clinically relevant research, and disseminates the most useful, evidence-based information to people with SCI, their families, and professionals. Programs and services are provided at both the UWMC and HMC.

**Traumatic Brain Injury (TBI) Model System, University of Washington:** [The UW TBI Model System](#) is one of 16 government-funded model system centers in the United States. Each center provides a multidisciplinary system of rehabilitation care, including emergency, acute, and post-acute services. The largest long-term study of people who have experienced TBI, the TBI Model System seeks to understand how people recover from brain injury and what health issues continue to persist. Center researchers recruit participants who are receiving inpatient care at HMC or UWMC.

**University of Washington Center on Outcomes Research in Rehabilitation (UWCORR):** [UWCORR studies](#) are focused on the development and applications of effective measurement strategies for research, clinical trials, and clinical practice. UWCORR studies and advises investigators and clinical systems on what outcomes to measure and how (e.g., PROs, ClinROs, ObsROs, ProxROs, PerfOs, TechOs) to maximize person-centered and scientifically sound measurement of health outcomes. UWCORR specializes in measures that are short, reliable, clinically relevant, and appropriate for the target audience.



# Education and Training

The department has a long history of collaborative research, education, and clinical care. Program strengths include highly skilled and dedicated faculty who promote interdisciplinary learning. Our programs attract some of the most talented students from across the United States and internationally.

A new partnership with the School of Medicine will help renovate approximately 2,000 square feet of classroom space for our department, which will help us better serve current and future students.

## PhD in Rehabilitation Science

Please see the discussion of this program under [Research](#).

## Master of Occupational Therapy

The University of Washington Master of Occupational Therapy (MOT) degree is a 9-quarter, full-time academic program accredited by the Accreditation Council for Occupational Therapy Education (ACOTE). It includes rigorous academic coursework integrated with fieldwork education. Ranked in the top 25 OT programs in the nation by U.S. News & World Report, the OT program offers students a small cohort and low 4:1 student-to-faculty ratio, a strong collaborative community of learning, and an interdisciplinary curriculum that emulates real-world occupational therapy practice.

A cornerstone of the OT program is authentic, immersive, community-based clinical learning experiences. In addition to their fieldwork education, students engage with clients in community settings through course assignments and a year-long graduate capstone project through which they work in small groups to develop and implement programs in response to community needs. Additionally, because the department offers physical therapy and prosthetics & orthotics degree programs, OT students participate collaboratively in coursework with students from these other rehabilitation health disciplines.

Graduates are eligible to take the National Board for Certification in Occupational Therapy (NBCOT) exam. The OT program has a 100% graduation rate and a 100% pass rate for the NBCOT for the last three academic years.

## Master of Prosthetics & Orthotics

The University of Washington Master of Prosthetics & Orthotics (MPO) program is a 21-month (7-quarter) degree accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the National Commission on Orthotic and Prosthetic Education (NCOPE). The program is one of 13 accredited programs in the United States that train students to become prosthetic-orthotic practitioners with strong interdisciplinary communication skills who will work to enhance participation in life activities for persons with limb absence or disabling neuromuscular and musculoskeletal conditions. The MPO program offers a low 12:1 student-to-faculty ratio and clinical skill development through experiential learning both in the lab and with patients. The MPO program consists of foundational courses and core prosthetic and orthotic courses, including clinical and lab courses, evidence-based practice courses, and clinical rotations.

The MPO offers students instruction from accomplished faculty with diverse backgrounds. Foundational courses taken during the first three quarters include multidisciplinary courses with students of our MOT and DPT programs and provide the theoretical groundwork for professional competencies while encouraging an interdisciplinary perspective.

Upon successful completion of the program, the University of Washington School of Medicine awards students a Master of Prosthetics & Orthotics degree. Following graduation, the student must complete a



one-year residency in each discipline or an 18-month dual residency at a NCOPE approved site. This residency requirement must be completed for eligibility to apply for the National Certification Boards administered by the American Board for Certification in Orthotics, Prosthetics & Pedorthics (ABC). The MPO program has a 95% graduation rate over the last 8 years.

## Doctor of Physical Therapy

The University of Washington Doctor of Physical Therapy (DPT) program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE). With 48 students enrolled each year, this 11-quarter, full-time program is strengthened by clinical partnerships across the Seattle area with organizations rooted in providing evidence-based, family-centered care—such as Advanced Manual Therapy, Boyer Children’s Clinic, Seattle Public Schools, and the UW Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Program.

The UW Doctor of Physical Therapy program aims to graduate highly effective physical therapists who drive innovation and excellence in the profession. Our students work to address health disparities and provide culturally responsive service in our increasingly diverse world, and graduates work as physical therapists in a variety of settings across the United States and throughout the world.

**Recent graduation rates, licensure exam pass rates, and employment rates of recent UW DPT cohorts are as follows:**

- ▶ Average graduation rate of Class of 2020 and 2021: 100%
- ▶ Average first-time licensure exam pass rate of Class of 2020 and 2021: 89%
- ▶ Average ultimate licensure exam pass rate of Class of 2020 and 2021: 97%

Graduates are eligible to sit for the National Physical Therapy Examination (NPTE).

## Physical Therapy Residencies

**We offer four physical therapy residencies:**

**Acute Care Physical Therapy** – This is a 12-month, full-time residency program for licensed physical therapists interested in specializing in acute care physical therapy. This program is based at UWMC - Montlake.

**Pediatric Physical Therapy** – This 12-month program is accredited by the American Board of Physical Therapy Fellowship and Education (ABPTRFE) and is geared towards new graduates or early-career clinicians who wish to develop advanced clinical, educational, and leadership skills in the field of Pediatric Physical Therapy. Students practice and receive mentored training in three primary rotations across acute care, inpatient rehabilitation, and outpatient settings at Seattle Children’s Hospital. Rotations include early intervention at Boyer Children’s Clinics, school-based settings at Seattle Public Schools, and the UW Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Program. Trainees also serve as teaching assistants and clinical instructors for second-year DPT students.

**Neurologic Physical Therapy** – The Neurologic Physical Therapy residency is a 15-month program based at EvergreenHealth and is accredited by the American Physical Therapy Association as a post-professional residency program. This full-time program prepares residents to be advanced practitioners in neurologic physical therapy and to be eligible to sit for the board certification neurologic clinical specialist exam.

**Orthopedic Physical Therapy** – A 12-month, full-time post-graduate training program for licensed therapists, this program is based at UW's Advanced Manual Therapy and Sports Rehabilitation Clinic, where residents are exposed to a wide variety of orthopedic and sport-related conditions. The program has three primary areas of focus: advanced clinical practice, teaching, and leadership and advocacy.

## Physical Medicine & Rehabilitation Residency Program

The Physical Medicine and Rehabilitation (PM&R) Residency Program is an ACGME-accredited three- or four-year program, with the following mission: cultivating an unparalleled training experience for PM&R physician leaders of tomorrow. The program is consistently rated one of the top PM&R residency programs in the country. Each year, residents are accepted at both the PGY-1 and the PGY-2 levels. Currently, there are 30 residents, with 3 PGY-1 positions and 27 positions distributed among the PGY-2 through PGY-4 levels.

Rotations at HMC, UWMC, SCH, and VAPSHCS are specifically selected to meet the needs of future physiatrists, emphasizing the development of skills and knowledge in neurorehabilitation, cancer, procedures, electrodiagnostics, and musculoskeletal and spine care. Our residents do extremely well on the self-assessment and board exams and are highly competitive for fellowships and jobs. Graduates of this program have achieved national recognition in academics and as clinicians and leaders of professional organizations.

## Fellowships

**Advanced Training Fellowship in Rehabilitation Policy Research:** This 2 year program offers those with a PhD from all areas of aging, health, disability, and policy research an opportunity to expand their skills in research on disability and aging polity. This fellowship involves one year conducting interdisciplinary and mentored research in disability and rehabilitation at UW, and a second year in Washington DC, where fellows will gain important policy experience through a structured program that includes a policy placement in a federal agency.

**Amputation Rehabilitation:** This 1-year (clinical) or 2-year, non-ACGME fellowship is open to physicians who have completed an ACGME-accredited residency program. Graduates of the program have taken positions as medical directors at two of the VA's seven regional amputation care hubs (Seattle WA and Minneapolis MN) and at academic medical centers including Johns Hopkins, University of Michigan, and University of Pittsburgh. Fellows are based at VAPSHCS, a hub in the VA Amputation System of Care model system that includes a CARF-accredited Amputation Specialty Program (inpatient and outpatient) and a full-service prosthetics and orthotics lab.

**Brain Injury Medicine:** This 1-year, ACGME-accredited program's mission is to foster the next generation of physicians who provide exemplary service for patients with brain injury. The fellow is part of an interdisciplinary team including neuroradiologists, neurosurgeons, neurologists, neuropsychologists and other medical and rehabilitation providers. The team provides state-of-the-art care to persons with traumatic brain injury, stroke, CNS neoplasms, anoxic brain injury, and other brain disorders. The clinical fellowship experience includes acute and chronic management of patients, with a wide range of educational opportunities.

**Pediatric Rehabilitation Medicine:** This 1- or 2-year, ACGME-accredited program trains fellows to provide the highest level of clinical care to children and adolescents with acquired and congenital disabilities with an emphasis on maximizing functional abilities and quality of life. With support from an attending physician, the fellow manages the care of children on the inpatient rehabilitation unit at Seattle Children's Hospital, with a focus on the patient's medical and rehabilitation needs and as the leader of the interdisciplinary rehabilitation team. Our fellows learn in an environment that fosters professional growth and collaboratively work with staff and faculty in rehabilitation medicine and other pediatric subspecialties.

**Rehabilitation Psychology:** This program is accredited by the Commission on Accreditation of the American Psychological Association and offers two fellowship positions, one based at UWMC-Montlake and one at HMC. These clinical postdoctoral fellowships are designed to develop psychologists who ascribe to the clinician-scientist model and who are competent in working with various rehabilitation medicine patient populations. The most common types of patients served include those with traumatic brain injuries, cerebral vascular accidents, spinal cord injuries, severe burn injuries, chronic disease such as multiple sclerosis, physical traumas such as that occurring after motor vehicle accidents, and chronic pain.

**Spinal Cord Injury Medicine:** This 1-year, ACGME-accredited program expanded in 2015 to offer training to two fellows per year, with the generous support of a grant from the Craig H. Neilsen Foundation. The program has consistently filled both fellowship positions since the expansion, an uncommon success in a specialty where >50% of fellowship positions remained unfilled per year. The mission of the program is to provide physicians with the knowledge and skills to deliver comprehensive, quality, and compassionate care to individuals with SCI. Care is provided throughout the lifetime of injury with the goals to maximize health, independence, productivity, and quality of life. Person-centered care, interdisciplinary collaboration, education, and academic scholarship and research are highly valued.

**Sports Medicine:** This 1-year, ACGME accredited program allows the graduate to sit for the Sports Medicine CAQ examination. Fellows receive outstanding clinical experience to develop into well-rounded sports medicine and musculoskeletal physiatrists. The fellow gains clinical experience with all aspects of sports medicine (from the pediatric athlete to the active senior and everyone in between), but also general musculoskeletal medicine, musculoskeletal ultrasound and related regenerative procedures, spine interventions, and EMG/NCS. Hands-on sports medicine experiences include game and sideline coverage, training room experience, the organization of and medical care in mass participation endurance events, and premier sports concussion and sports cardiology programs.

**VA Advanced Fellowship Program in Multiple Sclerosis:** This post-residency 1- to 3-year clinical or combined clinical/research program provides intensive training in the diagnosis and management of MS and its associated symptoms, impairments, and disabilities. There is a strong emphasis on career development and preparing fellows to become role models in PM&R and neurology MS activities at a national level. Our fellows work with nationally recognized rehabilitation specialists and neurologists and a large, skilled multi-disciplinary team in a rich clinical environment. They also interact regularly with other rehabilitation medicine fellows.

**VA Advanced Fellowship in Spinal Cord Injury Research:** This post-residency, 1- to 2-year research fellowship provides mentored training on planning and conducting SCI research, with an emphasis on clinical research involving the SCI veteran population. Fellows typically have completed an ACGME-accredited 1-year SCI Medicine clinical fellowship prior to this fellowship. Fellows may spend up to 25% of their time providing clinical care through the SCI Service at the VA Puget Sound Health Care System.

**VA Chief Resident in Quality & Patient Safety (CRQS):** This 1-year PGY-5 fellowship develops future leaders in rehabilitation healthcare service delivery who can improve clinical performance and disseminate knowledge to trainees and staff. Upon completion, the CRQS graduates with strong experiential and theoretical foundations in quality improvement (QI), patient safety (PS), and healthcare operations. The experience entails direct ownership of QI/PS projects and access to QI/PS mentorship within the Department of Veterans Affairs.



## Rehabilitation Psychology Training Program

The Rehabilitation Psychology Training program is jointly operated with the Department of Psychiatry & Behavioral Sciences. This program has been training rehabilitation psychologists for more than 30 years, many of whom have become leaders in the specialty. These trainees work under the supervision of an attending psychologist to provide critical patient care on the acute care consult services, inpatient rehabilitation programs, and outpatient clinics. This program is partially funded by a grant from the Health Resources & Services Administration (HRSA).

## Rehabilitation Neuropsychology Residency

The department's rehabilitation neuropsychology residency, jointly offered with the Department of Psychiatry & Behavioral Sciences, was created to provide residents more focused training in neuropsychological assessment and neurorehabilitation. Importantly, this track does not consist solely of neuropsychological testing and interpretation. Rather, residents in this track receive specific education and training in neuropsychological aspects of typical rehabilitation populations, diagnostic interviewing skills, test selection, test interpretation, and report writing, as well as conducting testing feedback sessions and using neuropsychological test results and knowledge about brain-behavior relationships to inform multidisciplinary rehabilitation programming.





# Community Engagement





The department offers a variety of programs that work directly with individuals and organizations in the community. Many programs work to educate organizations, businesses, and the public about disability rights and responsibilities. We also feature programs that work directly with individuals with chronic conditions and disabilities to provide support, assessment, training, and access to assistive devices. Our programs include the following:

**Center for Continuing Education in Rehabilitation (CCER):** [CCER](#) offers a wide range of face-to-face workshops, online webinars, training, and consulting to individuals and organizations interested in employment, access, and inclusion for people with disabilities. One of CCER's many programs is the [Accessible Design and Innovation Inclusion Center](#), which assists businesses as well as local, state, tribal, and federal government agencies to ensure people with disabilities and the aging populations enjoy equal access to employment, programs, and services.

**Neurology Vocational Services (NVS):** [NVS](#), which is located on the HMC campus, has been providing quality job applicants to companies in the Northwest since 1976. The NVS mission is to provide a full range of employment services to individuals living with neurological conditions and to assist them to work and lead productive lives. NVS is a local leader in matching its clients to the Puget Sound Business community's employment needs. Client populations served include individuals with epilepsy, multiple sclerosis, brain injury, stroke, or other neurological conditions. Since its inception more than 30 years ago, NVS has assisted more than 2,500 people to find and keep meaningful jobs.

**Northwest Americans with Disabilities Act Center (ADANW):** The [ADANW](#) is a part of the ADA National Network, a network of 10 centers that provide information, guidance, and training on how to implement the Americans with Disabilities Act (ADA) in order to support the mission of the ADA to "assure equality of opportunity, full participation, independent living, and economic self-sufficiency for individuals with disabilities." The ADANW is part of CCER, and collaborates with the Center for Technology & Disability Studies.

**University of Washington Employment Program (UWEP):** The mission of [UWEP](#) is to provide resources to individuals with a disability seeking to establish themselves as independent, contributing members of their community. The UWEP provides a wide variety of community-based services for individuals who have a disability and are looking for work, including functional assessments, job development and matching, on the job training, and long-term follow up.

**UW Center for Technology & Disability Studies (UWCTDS):** The [UWCTDS](#) is an interdisciplinary program within the Center for Human Development & Disability and the Department of Rehabilitation Medicine. In addition to undergraduate and graduate education and research and development across a wide range of issues related to technology and disability, UWCTDS provides consultations, training, and technical assistance to businesses, government agencies, libraries, educational institutions, and service providers on assistive technology for people with learning, cognitive, sensory, and motor disabilities and accessible information and communication technology, including web design, telecommunications, and information systems and networking.

**Washington Assistive Technology Act Program (WATAP):** This [program](#) provides resources and services to persons who face challenges related to disability and aging to help in the selection and use of assistive technology (AT). AT helps make tasks easier or possible in school, at work, at home, and in the community. WATAP serves seniors and persons with disabilities, as well as their circle of support, including family members, caregivers, employers, service provider professionals, educators, and others seeking AT expertise. WATAP is located at the University of Washington Center for Technology & Disability Studies (UWCTDS), within the Center for Human Development & Disability.



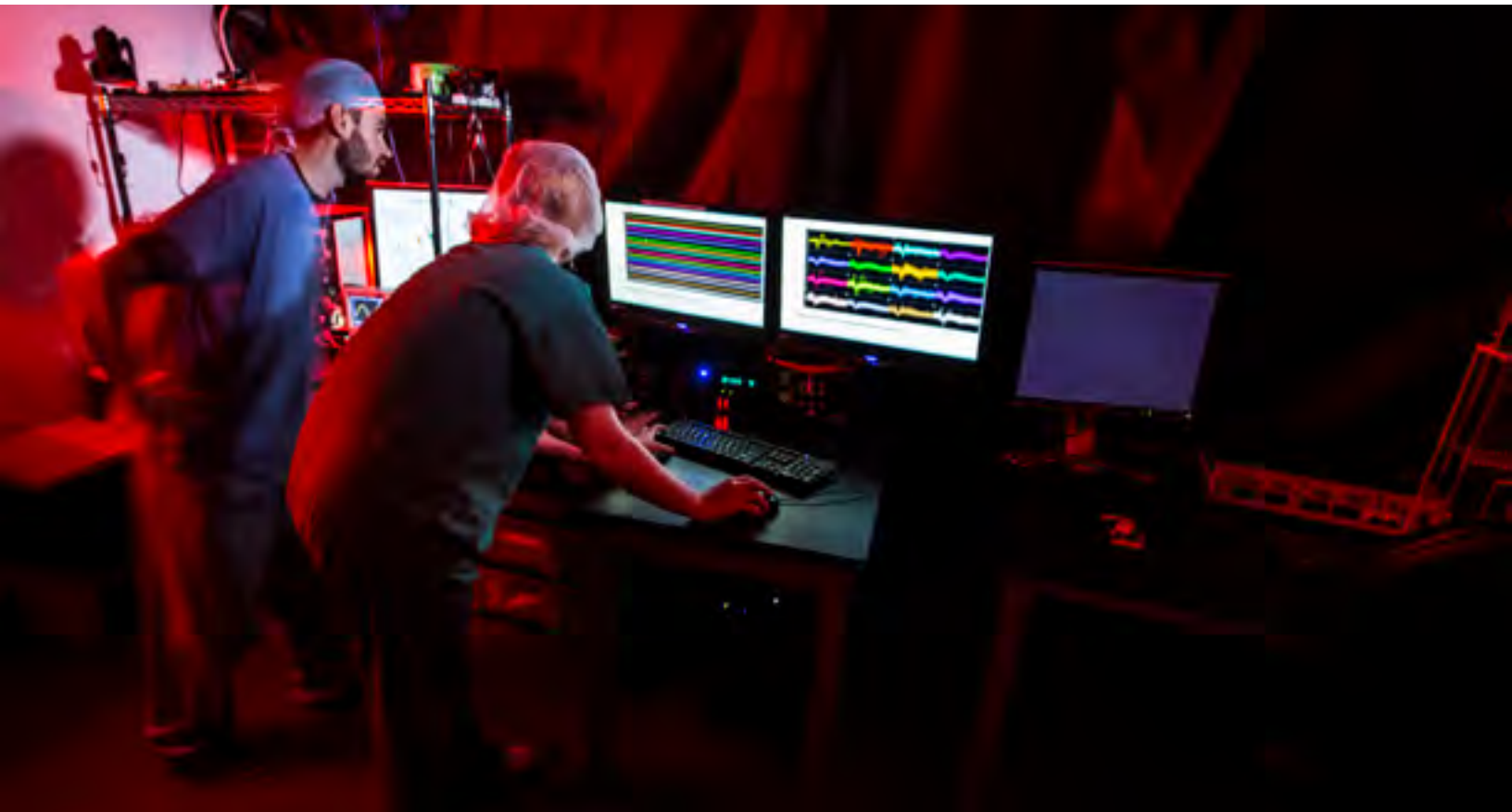
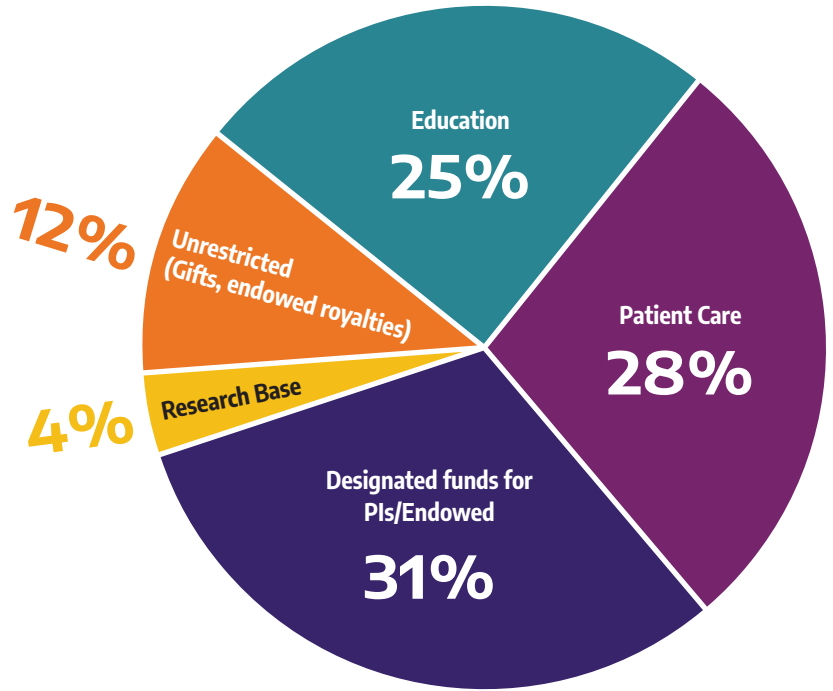


# Gifts



Over the past two years, our department has worked with UW Medicine Advancement to increase engagement with our current and prospective donors. As a result, gifts to the department have increased from \$500,000 in FY '21 to \$1.2 million in FY '22. We anticipate this growth will continue as we continue to achieve the goals of our research strategic plan, and create and implement our clinical strategic plan.

### Gift Balance TOTAL: \$11,046,538.13







# Facilities



Department administrative offices, including the Office of the Chair, are located on the 14th floor of the Ninth & Jefferson Building (NJB) on the Harborview Medical Center campus. We have additional faculty offices within Harborview Medical Center for faculty. Administrative offices for UW Medical Center-based faculty and their research teams are located on the 8th and 9th floors of the BB-wing of the Health Sciences Building (HSB) on the UW Seattle campus. The educational programs, including faculty and staff offices, classrooms and labs for the Doctor of Physical Therapy, Master of Occupational Therapy, Master of Prosthetics & Orthotics, and PhD in Rehabilitation Science are also located on the 8th and 9th floors of the HSB BB-wing.

Administrative/Educational/Research Space (non-clinical)	
Campus/Building	S.F
HMC East Clinic	147
HMC NJB	3,280
HMC West Hospital	176
HSBB - Mag H.S.C./BB	12,828
HSRR - Mag H.S.C./RR	886
Patricia Steel Bldg.	786
UWMC Montlake/CC	1,655
Wallace Hall - AMP Lab	2,025
ASF Grand Total:	25,696
Primary Use - All Locations	S.F.
Classroom/Restricted Classroom/Classroom Lab	5,856
Animal Lab	64
BL2/Specialized Wet Lab	1,023
Research Lab	2,991
Faculty/Trainee Offices	7,331
Staff Offices	6,176
Chair	431
Conference Rooms	878
Not Classified	946

**In addition to on-campus space, we have two off-site leased locations:**

- ▶ University of Washington Center on Outcomes Research in Rehabilitation ([UWCORR](#)), located at 12360 Lake City Way, Suite 502, Seattle, WA 98125.
- ▶ Center for Continuing Education in Rehabilitation, ([CCER](#)), located at 6912 220th Street SW, Suite 105, Mountlake Terrace, WA 98043.

# UW Medicine

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DEPARTMENT OF  
REHABILITATION MEDICINE

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