

# REHABILITATION MEDICINE

## Elective Clerkships

### REHAB 685 P- Chronic Disease and Disability (4)

<b>Offered:</b>	AWSpS; 2 weeks based on clinical block schedule.
<b>Enrollment:</b>	Variable. Based on preceptor availability.
<b>Prerequisites:</b>	Permission of department. Third year medical student standing.
<b>Location:</b>	Seattle, WA
<b>Facility:</b>	UWMC Rehabilitation Medicine, HMC, Seattle Children's Rehabilitation Medicine, VAMC Rehabilitation Medicine Services
<b>Faculty Contact:</b>	Dr. Ross Hays, 206-987-2114
<b>Administrative Contact:</b>	Phaedra Allen; 206-616-6345; <a href="mailto:pallen2@u.washington.edu">pallen2@u.washington.edu</a>

#### **Description:**

This is a two-week rehabilitation clerkship and is intended for those interested in exploring a career in Physical Medicine and Rehabilitation. Sites are within the University system and local Seattle area. Site preferences can be indicated but are not guaranteed. Please contact the clerkship coordinator for site preferences. This course is recommended for students contemplating a career in Family Medicine, Internal Medicine, Rheumatology, Cardiology, Neurology, Geriatrics, Orthopedic Surgery, Neurosurgery, or Cardiovascular Surgery.

#### **Goals:**

The goal of this rotation is to learn inpatient PM&R management of patients with disabilities and functional impairments due to disorders such as acquired BI, CNS disorders, SCI, and complex medical conditions. Students will have a structured clinical experience on rehabilitation medicine wards, clinics, or consultation services. Students will learn the differences between acute and chronic medicine, identification of disability problems, and therapeutic techniques for removing disability.

#### **Objectives:**

##### **1. Patient Care**

- Perform a general and specific psychiatric examination, including (as appropriate): mental status evaluation, gait evaluation, manual muscle testing, ASIA exam;
- Diagnose physical, cognitive, and psychosocial impairments and disabilities;
- Formulate a problem list, prioritizing medical and rehabilitation issues;
- Integrate facts and data to make clinical decisions.

##### **2. Medical Knowledge**

- Review laboratory data and imaging data and identify normal and abnormal findings,
- Name expected effects and side effects for commonly used oral or injected medications,
- Generate a differential diagnosis for medical or PM&R problems,
- Integrate and apply knowledge to manage complex medical problems,
- Integrate and apply knowledge to manage complex PM&R problems.

##### **3. Practice Based Learning and Improvement**

- Identify strengths, deficiencies and limits in own knowledge and expertise,
- Use information technology and other resources to optimize learning,
- Attend teaching conferences and rounds.

##### **4. Interpersonal and Communication Skills**

- Present material clearly and accurately to patients using effective verbal and non-verbal skills, utilizing interpreters if needed;
- Utilize effective listening skills;
- Communicate with physicians, staff/team, and insurers in respectful, responsive manner;

- Complete dictations and chart notes in a timely manner;
- Document clinical findings in accordance with service requirements;
- Use information technology to access and manage patient information.

## 5. Professionalism

- Exemplify respect, compassion, reliability, punctuality, integrity and honesty;
- Demonstrate responsiveness to patient needs that supersedes self-interest;
- Accept responsibility for own actions and decisions;
- Maintain patient confidentiality and respect patient autonomy;
- Apply ethical principles in obtaining informed consent;
- Demonstrate sensitivity and responsiveness to age, culture, disability, race, religion, sexual orientation and gender of patients and colleagues.

## 6. Systems Based Practice

- Collaborate with and maintain appropriate professional attitudes and behaviors toward other medical professionals and allied health personnel,
- Assess how own actions affect others,
- Integrate care of patients across settings and ensure appropriate hand off,
- Evaluate risks, benefits, limitations, and costs of patient care,
- Advocate for patients in dealing with system complexities,
- Advocate for quality patient care,
- Work effectively with other services, health care agencies, and case managers,
- Work to improve the system of care.

### Evaluation:

Honors, High Pass, Pass, and Fail. Based on recommendation of preceptor.

## **REHAB 686 P- Rehabilitation Medicine Clerkship – Pediatrics (8/12)**

<b>Offered:</b>	AWSpS; 8 credits. 4 weeks based on clinical block schedule.
<b>Enrollment:</b>	Variable. Based on preceptor availability.
<b>Prerequisites:</b>	Permission of department. Third year medical student standing.
<b>Location:</b>	Seattle, WA
<b>Facility:</b>	Seattle Children's Rehabilitation Medicine
<b>Faculty Contact:</b>	Dr. Ross Hays, 206-987-2114
<b>Administrative Contact:</b>	Phaedra Allen; 206-616-6345; <a href="mailto:pallen2@u.washington.edu">pallen2@u.washington.edu</a>

### Description:

This is a four-week pediatric rehabilitation clerkship and is intended for those interested in exploring a career in Physical Medicine and Rehabilitation. This course incorporates material of REHAB 685 and expands into disabling pediatric disease. School planning, family counseling, and community support services included. This four-week package permits inpatient, outpatient, and consultation experience. This course is recommended for students contemplating a career in Pediatrics.

### Goals:

The goal of this rotation is to expand the knowledge and techniques in pediatric disability and chronic medical problems.

### Objectives:

#### **At the conclusion of this rotation, the student will:**

- Be familiar with the most common acquired disabilities of childhood including, but not limited to, traumatic brain injury, spinal cord injury, the effects of multi-trauma and metabolic and malignant neurologic diseases;
- Appreciate the rehabilitative approach to developing children;
- Participate in multidisciplinary planning for disabled children;
- Appreciate the outpatient approach to care for children with congenital abnormalities;

- understand the treatment of children with progressive neurologic disorders, including muscular dystrophy;
- Be familiar with the specific modifications to therapeutic interventions, PT, OT, speech, therapeutic recreation, nursing, and neuropsychology required in the rehabilitation of young children and adolescents;
- Participate in the outpatient care of children with common disabling conditions including, but not limited to, cerebral palsy, limb deficiency, spina bifida and neuromuscular disorders.

**Evaluation:**

Honors, High Pass, Pass, and Fail. Based on recommendation of preceptor.

**REHAB 687 P- Rehabilitation Medicine Clerkship(8/12)**

<b>Offered:</b>	AWSpS; 8 credits. 4 weeks based on clinical block schedule.
<b>Enrollment:</b>	Variable. Based on preceptor availability.
<b>Prerequisites:</b>	Permission of department. 3 <sup>rd</sup> year medical student standing.
<b>Location:</b>	Seattle, WA
<b>Facility:</b>	UWMC Rehabilitation Medicine, HMC, Seattle Children's Rehabilitation Medicine, VAMC Rehabilitation Medicine Services
<b>Faculty Contact:</b>	Dr. Ross Hays, 206-987-2114
<b>Administrative Contact:</b>	Phaedra Allen; 206-616-6345; pallen2@u.washington.edu

**Description:**

This is a four-week rehabilitation clerkship and is intended for those interested in exploring a career in Physical Medicine and Rehabilitation. Sites are within the University system and local Seattle area. Site preferences can be indicated but are not guaranteed. Please contact the clerkship coordinator for site preferences. This course incorporates material of REHAB 685 and expands into disability problems. This course is recommended for students contemplating a career in Family Medicine, Internal Medicine, Rheumatology, Cardiology, Neurology, Geriatrics, Orthopedic Surgery, Neurosurgery, or Cardiovascular Surgery.

**Goals:**

The goal of this rotation is to learn inpatient PM&R management of patients with disabilities and functional impairments due to disorders such as acquired BI, CNS disorders, SCI, and complex medical conditions. Students will have a structured clinical experience on rehabilitation medicine wards, clinics, or consultation services. Students will learn the differences between acute and chronic medicine, identification of disability problems, and therapeutic techniques for removing disability.

**Objectives:**

**1. Patient Care**

- Perform a general and specific psychiatric examination, including (as appropriate): mental status evaluation, gait evaluation, manual muscle testing, ASIA exam
- Diagnose physical, cognitive, and psychosocial impairments and disabilities
- Formulate a problem list, prioritizing medical and rehabilitation issues
- Integrate facts and data to make clinical decisions

**2. Medical Knowledge**

- Review laboratory data and imaging data and identify normal and abnormal findings
- Name expected effects and side effects for commonly used oral or injected medications
- Generate a differential diagnosis for medical or PM&R problems
- Integrate and apply knowledge to manage complex medical problems
- Integrate and apply knowledge to manage complex PM&R problems

**3. Practice Based Learning and Improvement**

- Identify strengths, deficiencies and limits in own knowledge and expertise
- Use information technology and other resources to optimize learning

- Attend teaching conferences and rounds

#### 4. Interpersonal and Communication Skills

- Present material clearly and accurately to patients using effective verbal and non-verbal skills, utilizing interpreters if needed
- Utilize effective listening skills
- Communicate with physicians, staff/team, and insurers in respectful, responsive manner
- Complete dictations and chart notes in a timely manner
- Document clinical findings in accordance with service requirements
- Use information technology to access and manage patient information

#### 5. Professionalism

- Exemplify respect, compassion, reliability, punctuality, integrity and honesty
- Demonstrate responsiveness to patient needs that supersedes self-interest
- Accept responsibility for own actions and decisions
- Maintain patient confidentiality and respect patient autonomy
- Apply ethical principles in obtaining informed consent
- Demonstrate sensitivity and responsiveness to age, culture, disability, race, religion, sexual orientation and gender of patients and colleagues

#### 6. Systems Based Practice

- Collaborate with and maintain appropriate professional attitudes and behaviors toward other medical professionals and allied health personnel
- Assess how own actions affect others
- Integrate care of patients across settings and ensure appropriate hand off
- Evaluate risks, benefits, limitations, and costs of patient care
- Advocate for patients in dealing with system complexities
- Advocate for quality patient care
- Work effectively with other services, health care agencies, and case managers
- Work to improve the system of care

#### Evaluation:

Honors, High Pass, Pass, and Fail. Based on recommendation of preceptor.

### REHAB 689 P – Spinal Cord Injury (8/12)

<b>Offered:</b>	AWSpS; 8 credits. 4 weeks based on clinical block schedule.
<b>Enrollment:</b>	Variable. Based on preceptor availability.
<b>Prerequisites:</b>	Completion of MED 665, SURG 665. Permission of department.
<b>Location</b>	Seattle, WA
<b>Facility</b>	VA Medical Center
<b>Faculty Contact:</b>	Dr. Ross Hays, 206-987-2114
<b>Administrative Contact:</b>	Phaedra Allen; 206-616-6345; pallen2@u.washington.edu

#### Description:

This is a four-week spinal cord injury clerkship and is intended for those interested in exploring a career in Physical Medicine and Rehabilitation. This clerkship is available at the VA Medical Center only. Students will see patients with acute injuries and will follow them as they progress through rehabilitation in order to function at a maximal level. Patients will also have chronic injuries with hospitalization for rehabilitation or for management of conditions such as neurogenic bladder, bowel, pressure ulcers, spasticity, pain or other medical conditions. This course is recommended for students contemplating a career in Urology, Neurosurgery, Plastic Surgery, Orthopedics, or Family Medicine.

#### Goals:

Students will be introduced to the diagnosis, management, and rehabilitation of patients who have experienced a spinal cord injury. Students will learn to interact with the rehabilitation team as well as the

Spinal Cord Injury sub-specialists in Urology, Neurosurgery, and Plastic Surgery. Performance at sub-intern level is expected.

**Objectives:**

**1. Patient Care**

- Perform a general and specific psychiatric examination, including (as appropriate): mental status evaluation, gait evaluation, manual muscle testing, ASIA exam
- Diagnose physical, cognitive, and psychosocial impairments and disabilities
- Formulate a problem list, prioritizing medical and rehabilitation issues
- Integrate facts and data to make clinical decisions

**2. Medical Knowledge**

- Review laboratory data and imaging data and identify normal and abnormal findings
- Name expected effects and side effects for commonly used oral or injected medications
- Generate a differential diagnosis for medical or PM&R problems
- Integrate and apply knowledge to manage complex medical problems
- Integrate and apply knowledge to manage complex PM&R problems

**3. Practice Based Learning and Improvement**

- Identify strengths, deficiencies and limits in own knowledge and expertise
- Use information technology and other resources to optimize learning
- Attend teaching conferences and rounds

**4. Interpersonal and Communication Skills**

- Present material clearly and accurately to patients using effective verbal and non-verbal skills, utilizing interpreters if needed
- Utilize effective listening skills
- Communicate with physicians, staff/team, and insurers in respectful, responsive manner
- Complete dictations and chart notes in a timely manner
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**6. Systems Based Practice**

- Collaborate with and maintain appropriate professional attitudes and behaviors toward other medical professionals and allied health personnel
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- Evaluate risks, benefits, limitations, and costs of patient care
- Advocate for patients in dealing with system complexities
- Advocate for quality patient care
- Work effectively with other services, health care agencies, and case managers
- Work to improve the system of care

**Evaluation:**

Honors, High Pass, Pass, and Fail. Based on recommendation of preceptor.

### **REHAB 697 P – Rehabilitation Medicine Special Electives ( \*, max 24)**

<b>Offered:</b>	AWSpS; 4 – 12 weeks. Outside of WWAMI region.
<b>Enrollment:</b>	Variable. Student arranged.
<b>Prerequisites:</b>	Permission of course director.
<b>Faculty Contact:</b>	Dr. Ross Hays, 206-987-2114
<b>Administrative Contact:</b>	Phaedra Allen; 206-616-6345; pallen2@u.washington.edu

#### **Description:**

This is a four to twelve-week rehabilitation clerkship and is intended for those interested in exploring a career in Physical Medicine and Rehabilitation. Students arrange with another university, outside of the WWAMI region, using the “*Special Assignment*” form from the Dean’s Office. Prior consultation with course director, who grants final approval, is necessary.

#### **Objectives:** (each site may emphasize different objectives):

Student should define three learning objectives and submit to the clerkship coordinator at least one month prior to the beginning of the quarter.

#### **Evaluation:**

Completion of “*Credit for Clerkship Away*” form from the Dean’s Office.

### **REHAB 699 P – WWAMI Rehabilitation Medicine special Electives ( \*, max 24)**

<b>Offered:</b>	AWSpS; 4 – 12 weeks. Within the WWAMI region.
<b>Enrollment:</b>	Variable. Based on preceptor availability.
<b>Prerequisites:</b>	Permission of department. 3 <sup>rd</sup> year medical student standing.
<b>Faculty Contact:</b>	Dr. Ross Hays, 206-987-2114
<b>Administrative Contact:</b>	Phaedra Allen; 206-616-6345; pallen2@u.washington.edu

#### **Description:**

This is a four to twelve-week rehabilitation clerkship and is intended for those interested in exploring a career in Physical Medicine and Rehabilitation. Students consult with clerkship coordinator for placement options within the WWAMI region. Qualified students should obtain a “*Credit for Clerkship in WWAMI*” form from the Dean’s Office at least two months prior to the beginning of the quarter.

#### **Objectives** (each site may emphasize different objectives):

Student should define three learning objectives and submit to the clerkship coordinator at least one month prior to the beginning of the quarter.

#### **Evaluation:**

Completion of “*Credit for Clerkship in WWAMI*” form from the Dean’s Office.