OHSU Visiting 4th Year Medical Student Electives

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*This elective serves patients at the University Hospital and at the VA Medical Center, which would require training of both electronic medical record systems during your first week here. Total time in training: 3 hours.*

CARDIOLOGY CONSULT - OHSU

OHSU Portland

CARD 709A
Internal Medicine
Duration: 4 weeks
Credits: 6
Term: Any
Preqs: 3rd Year Medicine Clerkship
Contact: Medicine Clerkship Coordinator, 503-494-8676

Students are expected to refine their skills at taking a cardiac history and perform an examination of the cardiovascular system. They will learn how to perform a consultation on a patient at the request of another physician and to interact productively with other physicians who have primary responsibility for the care of the patient. They will learn the role of common diagnostic tests used in cardiology for management of patients. They will gain experience in interpretation of electrocardiograms and the performance and interpretation of exercise treadmill tests. Commonly seen conditions include coronary artery disease at all of its stages, heart disease requiring non-cardiac surgery, valvular heart disease, and infective endocarditis. Students respond to requests for consultation by evaluating the patient, analyzing the data, preparing a diagnostic and management plan, record a note in the patient record, and present the patient to the attending physician. Students regularly interpret electrocardiograms and review them with the attending physician. No call responsibilities. Students will observe and perform procedures including assisting with performance of treadmill exercise tests, cardiac catheterization procedures and other cardiac diagnostic tests. Conference includes Grand Rounds, Cardiac Catheterization Conference, ECG Conference, Pathophysiology Conference, Clinical Case Conference, and other subspecialty conferences. Students work with a cardiology consulting resident, a fellow if one is assigned, and the attending assigned for the month. Evaluation is performed by the attending and residents completing standard evaluation forms and discussing the performance with the student.
Informal evaluations may occur from time to time in response to specific case presentations. At the end of the rotation, students will have increased skills in the assessment of patients with heart disease.

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<th>ENDOCRINOLOGY METABOLISM CONSULT - OHSU/VAMC</th>
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Students learn essentials of the evaluation and management of inpatient and outpatient clinical endocrinology and metabolism. Problems commonly seen include diabetes, lipid diseases, metabolic bone disease, disorders of thyroid, pituitary, adrenal and gonadal functions. Outstanding opportunity to learn about many disorders frequently not seen or discussed in other areas. Students see 5-12 patients per week in the University and VA Med Center General Endocrinology, Diabetes, Bone and Mineral and Obesity clinics, as well as 5-10 patients per week on the inpatient Endocrine consult service. Conferences include Endocrine Grand Rounds, Journal Club, and Clinical Case Conference. Students will work as part of a team of residents, fellows, and attendings. No call responsibilities. Evaluation is by observed clinical performance, case presentations, and knowledge of the subject area.

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Students learn an integrated approach to the diagnosis and therapy of gastroenterology diseases with emphasis on pathophysiology and exposure to the utility and application of the various diagnostic therapeutic endoscopic procedures. Problems commonly seen include diagnosis/treatment of GI bleeding, abdominal pain, peptic ulcer disease, gastrointestinal tumors, pancreatitis, chronic liver disease and inflammatory bowel disease. Students see approximately two inpatient consults per day and in addition to other consultations seen as emergencies or in the weekly Tuesday GI clinic. No night call responsibilities. Conferences include Grand Rounds, GI Medical Surgical Conference, GI Pathology Conference, Hematology/Biliary Conference, and GI Research Conference. Students work with a team of medical resident, GI fellow and GI Attending. Evaluation is by observed clinical performance.
HEMATOLOGY MEDICAL ONCOLOGY CONSULT - OHSU/VAMC

OHSU/VAMC Portland*

HEMA 709A

Internal Medicine
Duration: 4 weeks
Credits: 6
Term: Any
Preqs: 3rd Year Medicine Clerkship
Contact: Medicine Clerkship Coordinator, 503-494-8676

Students learn to manage, diagnose and treat common hematologic/oncologic diseases. Use and interpretation of chest, abdominal, bone x-rays, CT Scans, MRI, and nuclear medicine scans as well as interpretation of blood and bone marrow smears, and the management of oncologic emergencies. Problems commonly seen include anemia, neutropenia, thrombocytopenia, lung cancer, head and neck cancer, colon cancer, prostate cancer, lymphoma, leukemia, and myeloma. Students manage 2-3 patients per week in the inpatient setting. 1-2 patients per week will be seen in the outpatient setting. The outpatient experience will be scheduled once each week. Opportunities to observe and perform procedures include bone marrow aspirations, biopsies, interpretation of blood smears and bone marrow smears. Conferences include Morning Report, Grand Rounds, Pathology Slide Conference, Hematology Journal Club, Lymphoma Conference, Clinical Case Conference, and Case Management Conference where students present particularly difficult cases. Students work with a team of one full time attending physician, a subspecialty Hematology/Oncology fellow, intern, RN admissions coordinator, two nurse practitioners or physician assistants, a social worker, a psychiatrist and an RN member of the Pain Team. Students are provided with a volume of directed clinical reading to cover essential elements in Hematology/Medical Oncology. Evaluation is by clinical performance, weekly informal oral examinations on the assigned reading, quality of case presentations, and humanistic skills. With the intense involvement of students in both the inpatient & outpatient arenas, with such a cohesive course curriculum, unique skills in Hematology/Medical Oncology should be acquired. Should unique patients be cared for by the students, careful evaluation and documentation may lead to a case report that may be submitted for publication in the medical literature.

INFECTIOUS DISEASE CONSULT - OHSU/VAMC

OHSU/VAMC Portland

INFD 709A

Internal Medicine
Duration: 4 weeks
Credits: 6
Term: Any
Students learn clinical and laboratory approaches to the diagnosis and therapy of infectious diseases. Students participate in both the OHSU and VAMC infectious diseases rounds. They will work up and present new consultation service patients, and participate in Division Conferences. A bench-side and didactic Clinical Microbiology program is integrated into the course. Placement is within a combined OHSU/VAMC rotation. *Note: Closed to 3rd year students prior to June elective block.

NEPHROLOGY HYPERTENSION CONSULT - OHSU/VAMC

OHSU/VAMC Portland*

NEPH 709A
Internal Medicine
Duration: 4 weeks
Credits: 6
Term: Any
Preqs: 3rd Year Medicine Clerkship
Contact: Medicine Clerkship Coordinator, 503-494-8676

Students are expected to learn the clinical approach and therapy of common renal diseases and hypertension. Students are active participants on the nephrology inpatient consultation services at the VA Medical Center and University Hospitals. Problems commonly seen include acute renal failure, glomerulonephritis, nephrotic syndrome, electrolyte and acid-base abnormalities, diabetic nephropathy and hypertension. Students also participate in renal and hypertension clinics. Students average one new patient per day on the inpatient consultative service and generally follow between 3-5 patients. Students may attend clinic one half day per week and see between 2-4 patients. Students may observe placement of central catheters for hemodialysis and renal biopsies. Conferences include Clinical Case Conference, weekly Nephrology Didactic Sessions, Nephrology Journal Club and Medicine Grand Rounds. Students work with a team of two residents, one or two nephrology fellows and an attending nephrology staff. Written evaluation and oral feedback are provided based on observed case presentations and knowledge acquired. Students will acquire a good understanding of the management and diagnosis of renal disease and hypertension. *NOTE: Closed to 3rd year students prior to June elective block.

NEPHROLOGY TRANSPLANT CONSULT - OHSU/VAMC

OHSU/VAMC Portland*

NEPH 709C
Internal Medicine
Duration: 4 weeks
Credits: 6
Term: Any
Students are expected to learn about the evaluation and management of patients undergoing renal transplantation, including pre-transplant evaluation and post-operative management. In addition, they are expected to learn about short and long term complications of renal transplantation. Activities include participation in all aspects of the service including in-patient rounds, outpatient clinics, operative procedures and organ procurement. Students evaluation 1-2 new patients per day and 4-6 patients in clinic. Students have the opportunity to observe renal transplants and renal transplant biopsies. Conferences include Combine Transplant Conference, Transplant Renal Biopsy Conference and Transplant Selection Conference. Students participate on a multidisciplinary team of transplant Medicine and Surgery specialists. Team members include Transplant Medicine and Transplant Surgery attendings, Transplant Medicine Fellow, Urology and Surgery Residents and a Transplant Pharmacist. Evaluation is based on observations of clinical performance and case presentations.

PULMONARY CONSULT - OHSU

OHSU Portland

PULM 709C
Internal Medicine
Duration: 4 weeks
Credits: 6
Term: Any
Preqs: 3rd Year Medicine Clerkship
Contact: Medicine Clerkship Coordinator, 503-494-8676

Students may participate full-time in the consultation service of the Pulmonary and Critical Care Division. This experience includes workup of patients for whom pulmonary consultations have been requested, consultation rounds, bronchoscopy sessions, chest clinic, attendance at three weekly pulmonary conferences, and reading in pulmonary and critical care medicine. Placement is at either OHSU or VAMC.

PALLIATIVE CARE - OHSU

OHSU Portland

GMED 709F
Internal Medicine
Duration: 2-4 weeks
Credits: 3-6
Term: all
Preqs: 3rd Year Medicine Clerkship
This elective offers students the opportunity to work with an interdisciplinary team to develop skills and expertise in the palliative care of patients living with life-threatening illnesses. Students will explore clinical practice of Palliative Care through inpatient and outpatient experiences. Most teaching occurs in the course of supervised patient care and a weekly didactic at 11:30 on Thursdays. Examples of typical experiences include: performing palliative care assessments of hospitalized patients, participating in a family meeting, or seeing patients in the Supportive Oncology and Palliative Medicine outpatient clinic. Focus is on teaching palliative care assessment (including pain/symptom management, psychosocial assessment, prognosis, and goals of care), effective opioid use, dealing with challenging emotions, effectively using advance directives and POLST, self-care, and an interdisciplinary approach to care. Students will see patients and experience both bedside teaching and time alone with patients to assess them and discuss living with serious illness. In the hospital, students will have the opportunity to participate in consultations and family conferences. Attending advance practice nurses on the service are Amy Guthrie, RN, CNS, and Mary Denise Smith, RN, CNS. Attending physicians on the service may include Paul Bascom, MD, Erik Fromme, MD, MCR, Robert ‘Hugo’ Richardson, MD, Terri Schmidt, MD, and Eric Walsh, MD.

Revised: 8-12-2011