

Internal Medicine Residency Program

Electives 2024 - 2025

- **ACUTE Center for Eating Disorders and Severe Malnutrition**

- **Director:** Dr. Allison Nitsch (Allison.Nitsch@dhha.org)
- **Description:** ACUTE is the only adult medical stabilization unit for eating disorders in the US. We care for patients from all around the US, as well as international patients. This elective will introduce residents to the myriad medical complications that develop in the setting of severe malnutrition. Residents will become adept at understanding the pathophysiologic changes that occur with extreme starvation and purging behaviors, including various conditions that are rarely seen outside of severe malnutrition. Residents can also expect to gain an increased understanding of the neurologic effects of malnutrition as well as a better understanding of the psychiatric treatment of those with severe eating disorders and their comorbid psychiatric diagnoses. Residents will work with various ACUTE hospitalist attendings and make daily decisions regarding the care of their patients. Clinical rounds will be supplemented with various lectures from ACUTE attendings as well as M/M conferences, QI conference, the weekly multidisciplinary team meetings, and self-directed learning.
- **Location:** Denver Health, Pavilion M, 3rd Floor
- **Ambulatory %:** 0 (no call or weekends)
- **Reviewed/Revised:** 2/1/2024

- **Advanced Heart Failure and Transplant**

- **Director:** Andreas Brieke (andreas.brieke@cuanschutz.edu)
- **Restrictions:** PGY 2-3
- **Coordinator:** Kiana Perry Ojoawo (Kiana.Perry@cuanschutz.edu)
- **Description:** This rotation is on the Advanced Heart Failure and Transplant inpatient and consult services. Colorado offers the only heart transplant and left ventricular assist device program in the region, performing over 65 heart transplants per year. This critical-care elective will provide longitudinal management of patients with advanced heart failure as well as extensive exposure to cardiogenic shock, temporary mechanical circulatory support, ECMO, heart transplant, and durable LVAD. The resident will work with a team of interns, fellows, advanced practice providers, and cardiologists and have an opportunity to seek out additional educational opportunities based on their interest. This is an ideal rotation for residents interested in critical care or cardiology. The rotation is Monday-Friday.
- **Location:** UCH
- **Ambulatory %:** 0 (no call or weekends)
- **Reviewed/Revised:** 6/1/2024

- **Allergy, Asthma, and Clinical Immunology Unrestricted Elective**

- **Director:** Dr. Levi Keller (Levi.Keller@CUAnschutz.edu)
- **Description:** The Allergy and Immunology rotation provides an in depth clinical experience centered around the evaluation and management of adult allergic diseases, asthma, immunodeficiency disorders. Residents will learn about key topics such as drug allergy, food allergy, urticaria/angioedema, anaphylaxis, mast cell disorders, eczema, allergic contact dermatitis, asthma, allergic rhinitis and primary immunodeficiency. In addition, they will receive training in procedures such as skin prick testing, intradermal testing, patch testing and ingestion

challenges. Residents will also learn about the risks and benefits of allergen immunotherapy, how to counsel patients with allergic conditions and how to critically evaluate blood allergy testing. Residents will also be able to participate in didactics and conferences held only at the University of Colorado campus.

- **Location:** UCH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 3/7/2025

- **Allergy, Asthma, and Clinical Immunology Restricted Elective**

- **Director:** Dr. Levi Keller (Levi.Keller@CUAnschutz.edu)
- **Coordinator:** Diedre Versluis (VersluisD@njhealth.org)
- **Restrictions:** Designed for those with an interest in A&I fellowship. Need a minimum of a 4 weeks' notice to get Epic set up at NJH. Please email Dr. Keller for further information and interest.
- **Description:** The Allergy and Immunology rotation provides an in depth clinical experience centered around the evaluation and management of adult allergic diseases, asthma, immunodeficiency disorders. Residents will learn about key topics such as drug allergy, food allergy, urticaria/angioedema, anaphylaxis, mast cell disorders, eczema, allergic contact dermatitis, asthma, allergic rhinitis and primary immunodeficiency. In addition, they will receive training in procedures such as skin prick testing, intradermal testing, patch testing and ingestion challenges. Residents will also learn about the risks and benefits of allergen immunotherapy, how to counsel patients with allergic conditions and how to critically evaluate blood allergy testing. Residents will also be able to participate in didactics and conferences held at both the University of Colorado and National Jewish Health campuses.
- **Location:** (UCH 80% of time; NJH 20% of time)
- **Ambulatory %:** 100
- **Reviewed/Revised:** 3/7/2025

- **Addiction Medicine Elective**

- **Director:** Dr. Katie Ochoa (Katherine.Ochoa@dhha.org)
- **Restrictions:** PC Elective – Primary care residents will get priority but all tracks will be considered.
- **Description:** This is a 4 week, primarily outpatient elective focused on learning the spectrum of care for patients with substance use disorders. Based at Denver Health, residents will work with providers and other team members at OBHS, primary care clinics, inpatient Consult Liaison service, certified addiction counselors, psychiatry and others. Objectives of the elective include: implementing screening techniques for unhealthy substance use; expanding motivational interviewing techniques; interpreting urine drug screens; recognizing multidisciplinary approach to treating SUD, including community resources; diagnosing and treating opioid use disorder (including prescribing suboxone) and alcohol use disorder (including prescribing naltrexone) in the outpatient setting.
- **Location:** 2.5% Harm Reduction Center, Eastside 5%, Sloans Lake 5%, Webb 2.5%, Westside 5%, DH 80%.
- **Ambulatory %:** 90
- **Reviewed/Revised:** 1/23/2024

- **Cath Lab**

- **Director:** Dr. Joe Burke (Joseph.Burke@dhha.org)
- **Restrictions:** one week long only during 6 pre-determined blocks of the year, PGY 2 – 3 only, cannot be taken in same academic year as MPS
- **Description:** The Denver Health and University of Colorado catheterization labs are operated by cardiologists performing invasive diagnostic and therapeutic interventions through arterial and venous access. During this rotation, residents will review the relevant literature on best practices, have access to just-in-time simulation practice, and perform bedside procedures supervised by expert proceduralists. They will understand and demonstrate the cognitive skills necessary for pre- and post-procedure evaluation in addition to the technical skills required for performing each procedure safely and effectively.
- **Location:** DH
- **Ambulatory %:** 0
- **Reviewed/Revised:** 5/3/2024

- **Cardiology Consult Service**

- **Director (VA):** Dr. Gregory Schwartz (Gregory.Schwartz@CUAnschutz.edu)
- **Director (DH):** Dr. Brian Stauffer (Brian.Stauffer@CUAnschutz.edu)
- **Coordinator (VA):** Kiana Perry Ojoawo (Kiana.Perry@cuanschutz.edu)
- **Coordinator (DH):** Noushin Shafiei (Noushin.Shafiei@dhha.org)
- **Description:** Residents rotating through the cardiology service are primarily responsible for inpatient consultative cardiology, generally for surgical and general medical services, with additional exposure to coronary care unit patients. Residents are expected to become proficient in the evaluation of common consultative cardiologic problems, especially preoperative risk assessment, chest pain, heart failure, and atrial fibrillation. Considerable emphasis is put on the history, physical examination, and the proper interpretation of cardiologic tests. Residents have the opportunity to become more proficient in EKG interpretation and the interpretation of common cardiac tests including echocardiography, stress tests, and cardiac CT and MRI. in the performance of stress tests. Residents wishing more specialized exposure to cardiology topics, such as hemodynamic monitoring or echocardiography, may do so by prior arrangement. Night or weekend call is not expected.
- **Location:** VA, DH
- **Ambulatory %:** 10
- **Reviewed/Revised:** 1/23/2024

- **Cardiology Outpatient**

- **Director:** Dr. Christine Sailer (Christine.Sailer@CUAnschutz.edu)
- **Coordinator:** Kiana Perry Ojoawo (Kiana.Perry@cuanschutz.edu)
- **Description:** This rotation focuses on the ambulatory treatment of patients with cardiovascular disease. Residents will rotate through clinics at the University. General cardiology clinics and sub-specialty clinics include electrophysiology, advanced heart failure, lipid clinic, interventional cardiology, and vascular clinic. There is also time to participate and learn about ambulatory cardiology procedures like stress testing, echocardiography (and TEEs), electrophysiology procedures, and cardiac catheterizations.
- **Location:** UCH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 7/3/2024

- **Cardiology for the Primary Care Resident**

- **Director:** Dr. Yasmin Sacro (Yasmin.Sacro@dhha.org)
- **Restrictions:** Only available to PC residents
- **Description:** In this rotation residents gain experience in ambulatory cardiology specifically tailored to suit residents' needs. Residents will rotate at South Denver Cardiology clinic, a large private general cardiology group with senior partners who are former UCH faculty. Education includes general cardiology learning and time interpreting echocardiograms, nuclear stress tests, and doing treadmill tests. There is potential opportunity to spend portions of this rotation with Denver Health faculty/providers in general cardiology, electrophysiology, and Healthy Hearts clinic as well. This is a great opportunity for those seeking to practice and augment their outpatient cardiology skills.
- **Location:** South Denver Cardiology and Denver Health, as available
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/31/2024

- **Clinical Elective in Narrative Medicine**

- **Director:** Dr. Mark Kissler (Mark.Kissler@CUAnschutz.edu)
- **Restrictions:** Upper level residents (PGY 2 – 3) only
- **Description:** This two-week clinical elective provides a foundation in the theory and practice of narrative medicine. Residents will care for a small census of inpatients (2-3) and participate in afternoon intensives that bridge their clinical work with a rigorous study of the humanities. Participants will become familiar with selected texts in fiction, narrative nonfiction, philosophy, and sociology, as well as excerpts from film, music, and visual art. They will be challenged to think differently about what it means to be a physician in terms of all the stories that converge in treating people who are ill. Residents will gain specific narrative competencies in approaching and participating in patients' stories and will work together to interrogate the story medicine tells about itself. Residents will also have individualized coaching in writing and will have the opportunity to develop their writing from this month into scholarly work. This elective is available to all tracks of internal medicine and Med-Peds learners.
- **Location:** UCH
- **Ambulatory %:** 0 (no call or weekends)
- **Reviewed/Revised:** 2/20/2024

- **Community Hospitalist Training Program Preceptorship**

- **Director:** Dr. David Brooks (David.Brooks@vhh.org)
- **Co-Director:** Dr. Emily Gottenborg (Emily.Gottenborg@CUAnschutz.edu)
- **Restrictions:** 4 weeks long only, 2 residents allowed per year, PGY 2 and 3 only
- **Description:** The resident will work on a Hospital Medicine team with a Hospitalist attending supervisor, and care for a census of patients ranging from 12 – 20 per team. The resident will be the primary clinician and point of contact for these patients, engaging in clinical assessment and decision making, documentation, communication with consultants, interdisciplinary teams, patients and their families, and transitioning patients to their next level of care or discharge home. The resident will work the same daily schedule as their supervising physician and work 20 shifts during a 4-week elective. The supervising attending will evaluate the resident and provide this assessment to the Site Director and the IMRP Program Director.
- **Location:** Valley View Hospital, Glenwood Springs

- **Ambulatory %:** 0 (up to 2 weekends per month)
- **Reviewed/Revised:** 12/9/2024

- **Denver Health Cardiology: EKG and Echocardiogram Elective**

- **Director:** Dr. Joseph Burke (Joseph.Burke@dhha.org)
- **Restrictions:** Upper Levels only
- **Description:** During residency, electrocardiograms (EKGs) and echocardiograms are reviewed on a patient-to-patient basis and there is not a lot of dedicated time to advance interpretation skills once a resident has built a basic foundation. This rotation would allow residents the time for repetition and advancement in their interpretation of EKG and echocardiogram, by dedicating 1 day a week of training in each field. The rotation will otherwise consist of working on the cardiology consult service allowing the resident to apply this new knowledge in clinical settings. Every Friday, the resident will coordinate with their fellow and attendings to work in either the cath lab, echo reading room, or EKG reading room. During the consult weeks, the resident will independently see patients, present their history and physical along with the relevant components of the past medical/social/family history and available data (laboratory, radiographic, and procedural). The resident will independently formulate a plan for diagnostic investigations and treatment to discuss with the attending and then present the final decisions to the patient. They will review the relevant cardiac imaging independently and with the attending physician.
- **Location:** Denver Health
- **Ambulatory %:** 25
- **Reviewed/Revised:** 4/5/23

- **Denver Health Urgent Care**

- **Director/Coordinator:** Dr. Lindsey Fish (Lindsey.Fish@dhha.org)
- **Restrictions:** PC Elective – Primary care residents will get priority but all tracks will be considered.
- **Description:** Denver Health offers this elective at the Pena Southwest Urgent Care Clinic, a clinic providing care to patients of all ages. In this setting, there is a wide variety of cases in medicine, surgery, gynecology, orthopedics and other fields. This elective offers a unique experience that most internal medicine residents don't get elsewhere in their training. The resources at the clinic include, bedside ultrasound, x-ray and labs. Resident autonomy and independent decision-making are stressed. You will see a broad spectrum of acute and sub-acute conditions that will present to your office as a practicing general internist, often requiring entirely different management skills than you have acquired on the wards. You will suture lacerations, perform incision and drainage of abscesses, diagnose acute appendicitis, tap a hot joint, manage a complication of early pregnancy, or treat a straightforward case of strep pharyngitis or COVID-19. Residents tell us our biggest strengths are our great staff, tremendously varied patient population and wide variety of medical conditions treated. The schedule of 40-45 hours per week will be primarily Monday through Friday business hours, but may include occasional evening shifts to ensure adequate clinical supervision.
- **Location:** DH Pena Southwest Urgent Care Clinic
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/23/2024

- **Dermatology at Kaiser**

- **Director:** Dr. Tina Suneja (tina.x.suneja@kp.org)
- **Restrictions:** Only available to PC residents
- **Description:** The Primary Care Dermatology Elective will provide residents with an opportunity to recognize and treat acute and chronic skin conditions in a specialty setting. Residents will learn focused skin history and exam, how to recognize and describe common skin conditions, as well as perform basic dermatology procedures. Residents will learn how skin conditions are related to or reflective of systemic disease. There will be focus on skin malignancy screening as well as when it is appropriate to pursue dermatology consultation.
- **Location:** 90% Kaiser / 10% VA
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/31/2024

- **Ambulatory Endocrinology at Denver Health**

- **Director:** Dr. Rocio Pereira (Rocio.Pereira@dhha.org)
- **Coordinator:** Allyson Wedley (kendra.burghardt@dhha.org)
- **Restrictions:** Only available to PC residents, must be available Wednesday afternoons.
- **Description:** Residents will work at Denver Health in the Endocrinology outpatient clinic. Residents will work with faculty and interprofessional teams with a focus on endocrine/metabolic disorders ranging from diabetes, thyroid and parathyroid disorders, pituitary and adrenal disorders, bone mineral disease, and obesity. There will be significant focus on metabolic disorders, specifically, assessment, investigation, and management of diabetes. Residents will spend time in endocrinology consult clinic at the main Denver Health hospital and will work closely with faculty as well as nurses/nutritionists to learn and be able to counsel patients in glucometer teaching, nutritional guidance, carbohydrate counting, and insulin pump management. They will have opportunity to spend time with the Denver Health Diabetes Prevention Program and the Healthy Lifestyle Program. Great elective opportunity for residents with particular interest in managing chronic metabolic diseases in underserved populations and investigating resource access for vulnerable patients.
- **Location:** DH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 2/21/2024

- **Endocrinology**

- **Director:** Dr. Christie Turin More (Christie.TurinMore@cuanschutz.edu)
- **Coordinator:** Karen Millis (Karen.Millis@CUAnschutz.edu)
- **Description:** Residents will see patients in Endocrine clinics 4-5 half days per week (University of Colorado Hospital Anschutz Outpatient Pavilion) and inpatient consult rounds 4-5 half days per week. Residents will see new and follow-up consults on patients with a variety of endocrine/metabolic disorders including endocrine tumors (pituitary, adrenal, pancreatic), thyroid dysfunction, thyroid nodules and cancer, dyslipidemia, osteoporosis, disorders of calcium metabolism, hypopituitarism, male and female gonadal disorders, transgender, obesity, endocrine hypertension, diabetes (all types), and adrenal insufficiency. They will be part of a team consisting of 4 first-year endocrine fellows, 0-2 residents, and 0-2 medical students. There is no night or weekend call. Residents are expected to attend the weekly Endocrine Grand Rounds, weekly Journal Club, and monthly endocrine conferences including multidisciplinary thyroid/parathyroid conference, multidisciplinary pituitary conference, Diabetes clinical conference, and Metabolic Bone conference. For interested residents, 1-2 half days of inpatient

glucose management team consult service can be arranged if enough advance notification is provided.

- **Location:** UCH
- **Ambulatory %:** 50
- **Reviewed/Revised:** 1/25/2024

- **Endocrinology/Rheumatology Combined Elective 2-week traditional Endocrinology elective in combination with 2-week outpatient Rheumatology elective**

- **Directors:** Dr. Jill Wagoner (Jill.Wagoner@CUAnschutz.edu) and Dr. Jen Stichman (Jennifer.Stichman@DHHA.org)
- **Coordinators:** **Endocrine:** Caroline Whitaker (Caroline.Whitaker@CUAnschutz.edu) and **Rheumatology:** Mia Kuehn (Mia.Kuehn@CUAnschutz.edu)
- **Description:** Residents will do 2 weeks of combined outpatient/inpatient Endocrinology elective preceded or followed by 2 weeks of outpatient Rheumatology.
 - **Endocrinology:** Endocrinology: During the Endocrinology elective, residents will see patients in Endocrine clinics 4-5 half days per week and participate in inpatient consult rounds 4-5 half days per week. Residents will see new and follow-up inpatient consults on patients with a variety of endocrine/metabolic disorders including endocrine tumors (pituitary, adrenal, pancreatic), thyroid dysfunction, thyroid cancer, dyslipidemia, osteoporosis, disorders of calcium metabolism, hypopituitarism, endocrine hypertension, diabetes (all types), and adrenal insufficiency. They will be part of a team consisting of 4 first-year endocrine fellows, 0-2 residents, and 0-2 medical students. There is no night or weekend call. Residents are expected to attend the weekly Endocrine Grand Rounds, weekly Journal Club, the monthly endocrine conferences: multidisciplinary thyroid/parathyroid conference, multidisciplinary pituitary conference, Diabetes clinical conference, Metabolic Bone conference, and other conferences deemed relevant.
 - **Rheumatology:** During the elective rotation in Rheumatology, residents will attend 6 half-dayclinics at University of Colorado Hospital (Anschutz Outpatient Pavilion), the Denver VAMC, and Denver Health. Residents will work in clinic alongside medical students and rheumatology fellows. They will see outpatients with a variety of rheumatic and autoimmune disorders including regional rheumatic disorders, crystal diseases, spondyloarthropathies, rheumatoid arthritis, osteoarthritis, lupus, Sjögren's, myositis, vasculitis, and others. If a resident has interest, there are opportunities to spend time in spondyloarthropathy clinic if arranged in advance. Dermatology and ophthalmology prelims may have an option to spend session in rheum-derm or rheum-eye combined clinics respectively. Residents will attend the weekly Tuesday morning Rheumatology Division grand rounds and teaching conferences. There is no night or weekend call.
- **Location:** UCH
- **Ambulatory %:** 75 (Endo 2 weeks is 50% Amb + Rheum 2 weeks is 100% Amb)
- **Reviewed/Revised:** 1/25/2024

- **Gastroenterology Inpatient**

- **Director:** Dr. Larissa Muething (larissa.muething@CUAnschutz.edu)
- **Coordinator:** Barbara Caufield (Barbara.Caufield@CUAnschutz.edu)
- **Restrictions:** Per IM program, restricted to GI fellowship-bound residents only.
- **Description:** Based on a 5 days/week, no night-call schedule with Departmental and/or Divisional conferences and continuity medical clinics as scheduled. Residents will be assigned to

UCH where they will become a component of the in-patient consultation team that includes at least one fellow and one faculty member. Residents will see new consultations as well as follow up consults on patients with a variety of gastrointestinal conditions including: gastrointestinal hemorrhage (upper and lower GI bleeding), abdominal pain, Inflammatory Bowel Disease (IBD), anemia, abnormal liver associated enzymes, abnormal imaging, nausea and/or vomiting, diarrhea, odynophagia/dysphagia and pancreatitis. Residents are expected to attend weekly GI grand rounds (Friday 7AM), IBD conference (Tuesday noon) and other conferences deemed relevant. Assuming no conflicts with other required educational conferences, each resident/student will be assigned to 1-2 outpatient ½ day GI clinics to be determined at the beginning of the rotation based on resident interest.

- Basic Goals of the Elective will be:
 - Exposure to the most common conditions resulting in inpatient Gastroenterological consultation
 - Learn the procedural interventions available to the Gastroenterologist and to understand the risks, benefits and indications for GI procedural intervention
 - Exposure to common chief complaints and evaluations in the outpatient Gastroenterology setting
 - Understand the indications for outpatient/open-access GI procedures
- **Email Dr. Larissa Muething 2 weeks before start of rotation (larissa.muething@cuanschutz.edu) to discuss specific interests in Gastroenterology to better tailor the elective.**
- **Location:** UCH
- **Ambulatory %:** 20
- **Reviewed/Revised:** 2/21/2024

- **Gastroenterology Outpatient**

- **Director:** Dr. Larissa Muething (Larissa.Muething@cuanschutz.edu)
- **Coordinator:** Barbara Caufield (Barbara.Caufield@CUAnschutz.edu)
- **Restrictions:** Upper Level residents only. **Restrictions:** Per IM program, restricted to GI fellowship-bound residents only.
- **Description:** Outpatient rotation designed for senior residents with a subspecialty consultant career interest. Residents will provide outpatient consultations for 3-4 ½ days per week and observe a variety of endoscopic procedures for 2-3 ½ days per week. Schedules will be tailored to resident interest and involve experience in both general gastroenterology and with GI faculty with diverse sub-sub-specialty expertise (esophageal disorders, inflammatory bowel disease, obesity, anorectal disorders). Additional clinical exposure to GI physiology studies (esophageal and anorectal manometry, ambulatory pH studies, capsule endoscopy) is also possible. There may be opportunity for experience using an endoscopic skills simulator. Residents will be expected to present a Quality Improvement Project proposal to rotation supervisor and GI section chief at end of rotation. Residents are also expected to attend weekly conferences including IBD conference and GI Grand Rounds. **Email Dr. Larissa Muething 2 weeks before start of rotation (larissa.muething@cuanschutz.edu) to discuss specific interests in Gastroenterology to better tailor the elective.**
- **Location:** UCH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 2/21/2024

- **Gastroenterology at Denver Health**

- **Director:** Dr. Bharat Maraj (Bharat.Maraj@dhha.org)
- **Description:** The Denver Health Gastrointestinal Rotation for Interns and Residents is designed to provide both an inpatient and outpatient GI experience. Physicians on the rotation will work directly with the first year GI fellow and the GI faculty attending on the inpatient service. Outpatient clinic exposure will be with faculty members both in luminal gastroenterology and hepatology. The percentage of inpatient/outpatient exposure will be determined on an individual basis to meet residency training requirements. Physicians expressing a desire to gain experience in flexible sigmoidoscopy will be provided training when possible. This rotation is 5 days/week, no night call, no weekends, and rotating physicians will not be expected to stay later than 5 PM on this elective unless they choose to do so. We welcome all residents, whether interested in GI/Hepatology careers (multiple previous residents have ended up as GI fellows at CU and other institutions) or residents who want to expand their knowledge of our specialty.
- **Location:** DH
- **Ambulatory %:** 0-80, depending on resident preference
- **Reviewed/Revised:** 3/5/2024

- **Gastroenterology at Rocky Mountain Regional VAMC**

- **Director:** Dr. Benjamin Cassell (Benjamin.Cassell@va.gov)
- **Description:** The RMRVAMC Gastrointestinal Rotation is designed for all residents and aims to provide both an inpatient and outpatient GI experience. Residents on the rotation will work directly with the first year GI fellow and the GI faculty attending on the inpatient consult service. They will participate in a limited manner in the Tuesday afternoon GI clinic as well as the Wednesday afternoon Liver Clinic. They will present a brief informal talk on a professional society guideline. In their downtime residents are encouraged to observe endoscopic procedures including basic EGD and colonoscopy and more specialized procedures such as ERCP, EUS, advanced resection techniques, esophageal and anorectal manometry and placement of pH probes. This rotation is 5 days/week, no night call, no weekends, and rotating physicians will not be expected to stay later than 5 PM on this elective unless they choose to do so.
- **Location:** VA
- **Ambulatory %:** 50%
- **Reviewed/Revised:** 2/7/2024

- **Inpatient GI/Renal Combined Elective**

- **Director (GI):** Dr Nancy Li (Nanxing.Li@CUAnschutz.edu)
- **Director (Renal):** Dr. Sarah Young (Sarah.E2.Young@CUAnschutz.edu)
- **Coordinator (GI):** Barbara Caufield (Barbara.Caufield@CUAnschutz.edu)
- **Coordinator (Renal):** Katie Cornish (Katherine.Cornish@CUAnschutz.edu)
- **Description:** This is a hybrid rotation with 2 weeks each of inpatient GI combined with inpatient renal consult services based out of UCH. Residents will be part of the inpatient consult team that includes at least one fellow and one faculty member. During the GI rotation, residents will see new consultations and follow-up on patients with varied GI problems such as GI bleed, abdominal pain, nausea/vomiting, diarrhea, anemia, dysphagia, and inflammatory bowel disease. During the renal rotation, residents will be part of the inpatient consult team, which includes at least one fellow and one faculty member. Residents will be responsible for evaluating new consultations and following up on patients with a variety of renal conditions. These may include acute kidney injury (AKI), chronic kidney disease (CKD), electrolyte imbalances, nephrotic syndrome, glomerulonephritis, hypertension, and fluid management. Additionally, they will assist in managing dialysis patients, and consult on topics such as renal transplant, post-operative care, and any other renal-related issues that arise during hospitalization. Hours are 8-5PM Monday-Friday without nights or weekends.

Residents will attend educational conferences of each sub-specialty. Additionally, they will complete the assigned educational material on the AMBOSS platform.

- o **Location:** UCH
- o **Ambulatory %:** 0%
- o **Reviewed/Revised:** 3/17/2025

- **Hepatology Outpatient**

- o **Director:** Dr. JP Norvell (John.Norvell@CUAnschutz.edu)
- o **Coordinator:** Barbara Caufield (Barbara.Caufield@CUAnschutz.edu)
- o **Restrictions:** Upper Level residents only.
- o **Description:** This is a rotation through the outpatient Hepatology clinics. It is 5 days/week, no night-call schedule. Residents will rotate through a variety of clinics including general hepatology, transplant evaluation, and post-transplant with transplant hepatologists. Additionally residents will attend weekly conferences including transplant selection, liver pathology, available lectures, and hepatobiliary radiology. The resident will be given expected reading pertinent to the rotation. Residents will present the cases to the attending and discuss history, physical exam, data, differential diagnoses, and plan of care. Residents will gain experience evaluating and managing a variety of entities including abnormal LFT's, HBV, HCV, autoimmune hepatitis, liver masses including hepatocellular carcinoma, and complications of cirrhosis. Clinics are held 5 days/week and residents may still attend their continuity medical clinics as scheduled.
- o **Location:** UCH
- o **Ambulatory %:** 100
- o **Reviewed/Revised:** 2/20/2024

- **Hepatology Inpatient Consult Service**

- o **Director:** Dr. JP Norvell (John.Norvell@CUAnschutz.edu)
- o **Coordinator:** Barbara Caufield (Barbara.Caufield@CUAnschutz.edu)
- o **Restrictions:** Upper Level residents only.
- o **Description:** This is a rotation on inpatient Hepatology service at AMC. It is 5 days/week, no night-call schedule. Designed with residents that never rotated through inpatient hepatology as interns and/or residents that have an interest in hepatology. Residents will attend multi-disciplinary surgical rounds with our transplant surgeons, and see new and old consultations to the hepatology service. Residents on the elective will be responsible for presenting consult patients on rounds to the hepatology attending and other house staff, as well as write progress notes and communicate recommendations with the primary service. Residents will become proficient in the evaluation of a number of common inpatient liver-related conditions, including evaluation of elevated LFT's, decompensated cirrhosis, complications of portal hypertension including variceal hemorrhage, peri-operative management of immunosuppression, and alcoholic hepatitis. Residents will participate in weekly conferences including transplant selection, liver pathology, available lectures, and hepatobiliary radiology. Residents may participate in variety of hepatology outpatient clinics during their rotation, but only if desired. Residents may still attend their continuity medical clinics as scheduled.
- o **Location:** UCH
- o **Ambulatory %:** 0
- o **Reviewed/Revised:** 2/20/2024

- **Hematology/Oncology Consults**

- **Director:** Dr. Gray Jodon (Gray.Jodon@dhha.org)
- **Restrictions:** PGY2 and PGY3, one resident per block
- **Description:** Residents will rotate on the inpatient hematology/oncology consult service at Denver Health for 4 weeks with a goal of learning the evaluation for a new solid mass, the pathophysiology and treatment of various malignancies, and the work up and treatment for benign hematologic conditions. The team consists of a resident, fellow, and attending. Residents will see new and follow up consults of patients with solid tumors, hematologic malignancies, as well as benign hematologic issues on Monday thru Friday, with weekends off. Residents will also attend hematology/oncology clinic on Tuesday and Thursday afternoons with the fellow to gain an understanding on the differences between the inpatient and outpatient care of cancer patients. Additionally, residents will attend tumor board on Tuesdays during lunch and the Friday morning hematology/oncology fellowship educational conference.
- **Location:** Denver Health
- **Ambulatory %:** 20
- **Reviewed/Revised:** 1/23/2024

- **Heme Malignancy and Bone Marrow Transplant**

- **Director:** Dr. Lisa Chu (Lisa.Chu@CUAnschutz.edu)
- **Coordinator:** RN Meredith Beaton (Meredith.Beaton@CUAnschutz.edu)
- **Description:** For residents interested in learning more about blood cancers and stem cell transplantation, we are excited to offer this one month rotation. We have flexibility as to structure of the month and can consider a dedicated outpatient or inpatient experience versus 2 weeks inpatient and 2 weeks outpatient. We can also consider time on non-malignant inpatient heme consults. On the inpatient service, residents will be primary providers for patients undergoing stem transplants, leukemia inductions, or management of other heme malignancy complications. In the clinic, residents will have the opportunity to see patients with all major heme malignancy diagnoses, including new patient visits, and then staff them with attending physicians.
- **Location:** UCH
- **Ambulatory %:** 100 or 50
- **Reviewed/Revised:** 1/30/2024

- **HIV and Urban Underserved Elective**

- **Director:** Dr. Mariah Hoffman (Mariah.Hoffman@dhha.org)
- **Restrictions:** This is a required rotation for PC residents who wish to enter the HIV longitudinal program but is open to all interested.
- **Description:** This 4-week elective is offered for those who wish to learn the spectrum of care for patients living with HIV in an urban underserved setting. This elective will expose residents to the full spectrum of care for patients living with HIV as well as HIV prevention methods. Integrated into the care of persons at risk of, or who are already living with HIV, our residents will be exposed to STI treatment and prevention, substance use disorders, hepatitis C, and other social determinants that shape the health outcomes of this population. Clinical sites may include HIV and infectious disease clinics at DH and UCH, clinics and organizations focused on substance use disorders, HIV testing and prevention sites, the DH public health clinic, and correctional care facilities. Didactics from community experts, case discussions, and journal clubs will also be incorporated into this elective. With completion of the elective, residents will have the knowledge and skills to provide guideline-based HIV care including prevention with PrEP, primary care and preventive services specific to patients living with HIV, initiation of antiretrovirals, and management of complications of treatment including viral resistance and

drug toxicity. This is a required rotation for PC residents who wish to enter the HIV longitudinal program but is open to all interested.

- **Location:** Eastside 10%, Harm Reduction Center 2.5%, Webb 10%, Westside 5%, DH 72.5%.
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/23/2024

- **Hospitalist Preceptorship Elective (PEAK)**

- **Director:** Dr. Will Silkworth (WILLIAM.SILKWORTH@CUANSCHUTZ.EDU)
- **Restrictions:** Upper Levels only (PGY 2 and 3). Preference is given to HTP residents. We can take 1 non-HTP resident per month, if there is room left after the HTP residents fill up the slots.
- **Description:** HTP Preceptorship is a general medicine teaching service which serves as a core development experience for our Hospitalist Training Program, residents as well as an elective for a limited number of categorical residents based on availability. The service has the unique ability to simulate an independent hospitalist experience for learners and does so by pairing a member of the HTP Core Faculty with one or two residents at a time. The team functions without formal rounds, and an emphasis is placed on developing physician autonomy, efficiency, and the skills to facilitate life-long learning. Many residents take advantage of the close mentorship provided by the HTP Faculty to learn about careers in hospital medicine and to work through their own career choices. Residents are also educated on the non-clinical aspects of being a physician - billing, how a hospital runs, leadership structures, and more. Residents are generally scheduled in a 7-on-7-off model though they are excused from clinical service to attend Wednesday Education Sessions (WES) and add-back clinics. Vacation can be taken during the 'off' week.
- **Location:** UCH
- **Ambulatory %:** 0
- **Reviewed/Revised:** 2/1/2024

- **Hospitalist Rotation Private, Rose Medical Center**

- **Director:** Dr. Matt Reisinger (reisinmw@gmail.com)
- **Restrictions:** Upper Level residents only.
- **Description:** This rotation is designed for second- and third-year residents who are interested in exploring private hospital medicine practice. There is heavy emphasis on autonomy, decision making and time management. Our curriculum is designed to complement, not replicate the University Hospitalist month. In addition to picking up patients each morning, the resident will provide inpatient consultations and do 1-2 admissions per day. Daily activities include reviewing notes and daily billing and identifying ways to improve efficiency. Teaching by both the attending and the resident is expected. One of our primary goals is to encourage self-reflection and to assist the resident in identifying his or her practice style and approach to management in order to make the transition to attending physician.
- **Location:** Rose
- **Ambulatory %:** 0
- **Reviewed/Revised:** 2/10/2025

- **Infectious Disease Consults**

- **Director:** Brian Montague, DO (Brian.Montague@CUAnschutz.edu)
- **Coordinator:** Chelsea McFarland (Chelsea.McFarland@CUAnschutz.edu)

- **Description:** Residents have the opportunity to work on a variety of ID consult services at UCH or DHMC. Residents are encouraged to request a specific service that meets their interest including the UCH General ID consult services (Gold/Blue), the UCH Transplant ID consult service, the UCH Oncologic ID service (Green), the UCH Orthopedic ID service, or the General ID consult service at DHMC. Hours are 8AM to 6PM, Monday through Friday. Residents work closely with the ID Faculty, ID Fellow, medical students, ID pharmacy team and the Microbiology Laboratory to care for a variety of patients on services throughout the hospital (e.g., Medicine, Oncology, Neurology, OB-GYN, MICU, SICU, Neurosurgery, Solid Organ Transplant and Bone Marrow Transplant). Inpatient caseload is typically 1-2 new consults/day and 4-8 follow-up patients. Residents are required to attend all conferences in both Medicine and Infectious Diseases including the Infectious Diseases Lecture Series (2nd Tuesday of each month, 8:00a-12:00p), Infectious Diseases Case Conferences (2nd, 4th, and 5th Thursday of each month, 12:00p-1:00p), and Infectious Diseases Grand Rounds (Every other Thursday of each month, 12:00p-1:00p). For specific rotation requests or for additional information on specific ID consult services, please contact Rotation Director Dr. Brian Montague.
- **Location:** DH (**Resident must request UCH from Nicole** Nicole Canterbury-Passoth (nicole.canterburypassoth@cuanschutz.edu) **if desired and receive approval from IM**)
- **Ambulatory %:** 0
- **Reviewed/Revised:** 1/23/2024

• Infectious Disease Outpatient

- **Director:** Brian Montague, DO (Brian.Montague@CUAnschutz.edu)
- **Coordinator:** Chelsee McFarland (Chelsee.McFarland@CUAnschutz.edu)
- **Description:** This is an outpatient ID elective that is designed to provide internal medicine residents with a comprehensive experience in outpatient infectious diseases. Residents will be assigned to complete two weeks of outpatient ID clinic at UCH and at DHMC. The resident will work closely with assigned clinic providers Monday through Friday, 8AM to 5PM, to provide specialized infectious disease care for a variety of patients including: HIV patients, PrEP, ID outpatient consults, Outpatient Antimicrobial Therapy (OPAT) patients, Transplant Infectious Diseases, TB patients at DPH, and other rotating specialty clinics. For rotation requests or additional information, please contact Rotation Director Dr. Brian Montague.
- **Location:** DH (**Resident must request UCH from Nicole** Nicole Canterbury-Passoth (nicole.canterburypassoth@cuanschutz.edu) **if desired and receive approval from IM**)
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/23/2024

• Medical Educators (Residents and Fellows as Educators) Elective

- **Director:** Dr. Nicolle Dyess (nicolle.dyess@childrenscolorado.org)
- **Coordinator:** Kara Michalsen (kara.michalsen@cuanschutz.edu)
- **Restrictions:** This rotation is offered twice per year. Only 2 residents can be accommodated during each session.
- **Description:** This elective will provide residents and fellows with the knowledge, attitudes, and teaching skills necessary for an academic teaching physician. The course has three components. The first component is a series of workshops and lectures that introduce fundamentals of teaching. The second component is a teaching practicum for applying newly learned skills. The third component is a project for trainees to develop and apply their teaching skills to an area of their choice (curriculum development, procedural teaching, etc). Specific elective goals include:
 - 1. To develop teaching skills

- 2. To encourage resident and fellow engagement in medical education
- 3. To promote excellence in medical education
- Elective Design:
 - The first week may be used for project development, vacation, or clinic time. The second week is a series of workshops. The third and fourth weeks include required teaching practicum (see below), didactics, and time to work on projects.
- Course Content:
 - I. Workshops/Lectures:
 - The workshops will be led by faculty with experience in each topic. The workshops are designed to be interactive and allow for practicing new skills. Examples of workshops offered include:
 - Understanding How Learning Styles Impact the Way You Teach
 - Teaching at the Bedside
 - Teaching Procedural Skills
 - Teaching in a Clinical Setting
 - Learner/Trainee Assessment
 - Giving an “On the Fly” Lecture
 - Teaching to a Large Group
 - Small Group Facilitation
 - Giving Effective Feedback
 - Your Future Career as a Medical Educator
 - II. Observed Structured Teaching Examination (OSTE):
 - * Near the end of the rotation, an Observed Structured Teaching Encounter (OSTE) is offered, in which real life medical students portray standardized learners. The three station OSTE allows elective participants to practice various educational skills in a highly realistic, simulated, educational encounter. The purpose is not evaluative, but developmental: there is no grade for the OSTE, although there is feedback and reflection.
 - III. Project:
 - Residents and fellows will design and implement a medical education project specific to their residency or fellowship program. Trainees will identify a project prior to the start of the elective. The project will allow trainees to implement their skills in an area of interest. Possible projects include:
 - Designing and giving a conference or workshop on teaching skills for a specific specialty (i.e. teaching procedural skills, giving and receiving feedback, etc.)
 - Developing a workshop for medical student interest groups (i.e., reading ECGs, airway management, central lines, neurologic exam, etc.)
- **Location:** UCH
- **Ambulatory %:** NON-CLINICAL
- **Reviewed/Revised:** 1/23/2024

- **Genetics - Adult Medical Genetics**

- **Director:** Dr. Matthew Taylor (Matthew.Taylor@CUAnschutz.edu)
- **Restrictions:** This rotation is very limited. Contact Dr. Taylor for availability.
- **Description:** Genomic medicine, including medical genetics and precision medicine, is a rapidly expanding area of medicine. Advances in molecular genetic testing (diagnostics), precision

medicine (predictive medicine), and rare disease therapeutics (small molecule, siRNA, gene therapies, etc.) are increasingly relevant to the 21st century internist. In this outpatient clinical rotation, residents are exposed to medical genetics and genomics patients and education through working in the Adult Medical Genetics Clinic with a board-certified internist-geneticist. Topic areas include: diagnosis, physical exam of genetic patients, molecular genetic analysis, pharmacogenetics, therapy of rare genetic disorders, genetic counseling, and the interface between translational science and clinical genetics practice. As medical genetics is generally unfamiliar to many internists, this rotation is designed to help bring internists into the 21st century and be prepared to engage in genomic and precision medicine. Additionally, as there are ~10,000 rare disorders affecting ~10% of the overall population and, increasingly, patients with rare disorders survive into adulthood, developing the clinical skillset to work in this thriving area of medicine. Starting in 2024 we anticipate that active gene therapy trials will be ongoing and residents will learn about gene therapy and might (based on timing of rotation) be able to engage in gene therapeutics during the rotation.

- **Location:** UCH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/23/2024

- **Med-Peds Primary Service Hospitalist Elective**

- **Director:** Aaron Manning, MD (william.manning@cuanschutz.edu)
- **Co-Director:** Maggie Kuusinen, MD (maggie.kuusinen@cuanschutz.edu)
- **Restrictions:** Upper Levels only (PGY 2-4), Med-Peds residents will be given priority. *Med-Peds Residents - this elective should be taken during your Medicine block.*
- **Description:** This elective provides residents with the opportunity to care for young adults with chronic conditions of childhood as well as young adults with intellectual and developmental disabilities. Residents will develop specialized skills and knowledge essential to working with these vulnerable patient populations. Residents will work alongside Internal Medicine-Pediatrics trained attendings on the Med-Peds primary service at UCH to care for patients admitted with illnesses such as sickle cell disease, genetic and metabolic disorders, cerebral palsy, autism, neuromuscular disorders, asthma, epilepsy, and T1DM. Residents will also have the opportunity to perform consults on adult-aged patients at Children's Hospital Colorado. An emphasis is placed on understanding the nuances and challenges associated with transitioning patients from pediatric to adult models of care. Residents will learn to navigate the complexities of these transitions, ensuring seamless and effective care for complex patients. Through hands-on experience and multidisciplinary collaboration, residents will gain proficiency in managing chronic illnesses and acute exacerbations, addressing both medical and psychosocial aspects of patient care. Priority for this elective will be given to Med-Peds Residents however is open to all internal medicine residents.
- **Location:** UCH
- **Ambulatory %:** 0
- **Reviewed/Revised:** 7/23/2024

- **Medical Oncology**

- **Director:** Dr. Chris Geiger (Christopher.Geiger@CUAnschutz.edu)
- **Coordinator:** Brianne Johnson (Brianne.2.Johnson@CUAnschutz.edu)
- **Description:** This is a 4-week outpatient elective at the University of Colorado Cancer Center; an NCI-designated comprehensive cancer center and a member of the NCCN network. Residents will rotate through a variety of outpatient subspecialty oncology clinics to gain exposure to

common solid tumor malignancies. Residents will learn about solid tumor etiology, epidemiology, and pathophysiology, as well as clinical presentation and natural history of common cancers, and the potential risks and benefits of various treatment options. The resident will coordinate with rotation director Dr. Chris Geiger to devise a tailored schedule based on the resident's specific areas of interest prior to rotation start.

- **Location:** UCH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/23/2024

- **MICU (UCH Medical Intensive Care Unit) Elective**

- **Director:** Arun Kannappan, MD (Arun.kannappan@cuanschutz.edu)
- Coordinator: Kelly Rico (Kelly.Rico@CUAnschutz.edu) and Rachel Machoni (Rachel.Machoni@CUAnschutz.edu)
- **Restrictions:** Only PGY2-PGY4s.
- **Description:** Residents will work as a helper role in the University of Colorado Hospital Medical Intensive Care Unit. In this elective, residents will serve in a supportive role, prioritizing the call, post-call, and intern-alone teams depending on the census. Residents will help with admissions, procedures, and other patient care-related tasks. As such the medical residents will gain additional exposure to the full range of medical patients with critical illness, as well as extensive exposure to ICU procedures including central line placement, arterial line placement, intubation, thoracentesis and paracentesis. This elective is for PGY-2 to PGY-4 residents. The schedule is 1 week on (M-Su), followed by 1 week off, alternating; depending on the number of rotators, you may not get to choose which weeks you work. There will be no night call.
- **Location:** UCH
- **Ambulatory %:** 0
- **Reviewed/Revised:** 7/24/2024

- **MPS**

- **Director:** Dr. Henry Kramer (Henry.Kramer@CUAnschutz.edu)
- **Restrictions:** 2-week (may be available as 1-week on case-by-case basis), offered during the first two weeks of each block, PGY 2 – 3 only, cannot be taken in same academic year as Cath Lab
- **Description:** The UCH Medicine Procedure Service (MPS) performs over 3,000 same-day procedures and ultrasounds per year on both inpatients and outpatients. Procedures include arthrocentesis, central venous catheterization, lumbar puncture, paracentesis, thoracentesis, and ultrasound assessment for body fluids. During this rotation, residents will review the relevant literature on best practices, have access to just-in-time simulation practice, and perform bedside procedures supervised by expert proceduralists. They will understand and demonstrate the cognitive skills necessary for pre-and post-procedure evaluation in addition to the technical skills required for performing each procedure safely and effectively.
- **Location:** UCH
- **Ambulatory %:** 20
- **Reviewed/Revised:** 5/3/2024

- **NEJM**

- **Coordinator:** Nicole Canterbury-Passoth (nicole.canterburypassoth@cuanschutz.edu)

- **Restrictions:** Special approval from Program Director required.
- **Description:** Residents may request a board review elective during their parental leave. Residents will be eligible for this elective if they are on track to meet their ACGME and ABIM requirements (1/3 of training in the ambulatory setting and a maximum of 3 non-clinical months). Residents who participate in this elective will be required to complete NEJM practice tests and turn them into the housestaff office on a pre-determined schedule.
- **Location:** N/A
- **Ambulatory %:** NON-CLINICAL
- **Reviewed/Revised:** 6/16/2022

- **Nephrology Ambulatory**

- **Director:** Dr. Dr. Sarah Young (SARAH.E2.YOUNG@CUANSCHUTZ.EDU)
- **Coordinator:** Katie Cornish (Katherine.Cornish@CUAnschutz.edu)
- **Description:** Residents participating in the ambulatory nephrology elective will rotate through general nephrology clinics (5 half-days per week), renal transplant clinic (2 half-days per week), and home dialysis clinic (1 half day per week). Outpatient clinics take place at Denver Health Medical Center and The University Hospital. This diverse ambulatory experience will offer residents exposure to a wide variety of renal disorders commonly encountered in the ambulatory setting including chronic kidney disease, glomerulonephritis, nephrolithiasis, hematuria, proteinuria, hypertension, preparation for and management of end stage renal disease, as well as frequently encountered complications following renal transplantation. Residents will also participate in weekly attending didactic lectures and daily educational morning conferences. No night or weekend call. This rotation is ideal for residents pursuing a primary care pathway.
- **Location:** UCH (80%) and Denver Health (20%)
- **Ambulatory %:** 100
- **Reviewed/Revised:** 2/9/2024

- **Nephrology Combined Consult/Ambulatory**

- **Director:** Dr. Dr. Sarah Young (SARAH.E2.YOUNG@CUANSCHUTZ.EDU)
- **Coordinator:** Katie Cornish (Katherine.Cornish@CUAnschutz.edu)
- **Description:** This elective is designed for medical residents wishing to gain further experience in both inpatient and outpatient-based nephrology. This rotation consists of: 1) 2 weeks of inpatient renal consult-based medicine at either Denver Health Medical Center or University Hospital where residents can expect to perform initial consults and follow up care for frequently encountered inpatient renal disorders as part of a team; and 2) 2 weeks of ambulatory nephrology and renal transplant clinic experience which involves a diverse combination of clinics at DHMC and UCH. This elective will provide opportunity for residents to become more familiar with a variety of renal disorders that commonly include acute kidney injury, chronic and end-stage kidney disease, proteinuria, hematuria, glomerulonephritis, acid base and fluid/electrolyte disorders, and post renal transplant immunosuppression and complications. Residents will also participate in weekly attending didactic lectures and daily educational morning conferences. Hours are 8 or 9am-5pm Monday-Friday without night or weekend call. This is an ideal rotation for residents contemplating a future fellowship in nephrology.
- **Location:** UCH (50-80%) and Denver Health (20-50%)
- **Ambulatory %:** 50
- **Reviewed/Revised:** 2/9/2024

- **Nephrology Inpatient Consult**

- **Director:** Dr. Sarah Young (SARAH.E2.YOUNG@CUANSCHUTZ.EDU)
- **Coordinator:** Katie Cornish (Katherine.Cornish@CUAnschutz.edu)
- **Description:** Residents rotating on the Nephrology Inpatient Consult Elective will work closely with the renal consult team at either Denver Health Medical Center or University Hospital. Residents will gain experience in the diagnosis and management of renal disorders and procedures frequently encountered in the inpatient setting that include acute kidney injury, fluid/electrolyte disorders, acid/base disorders, emergent hypertension, continuous renal replacement therapy, and renal biopsy. The high-volume renal consult services at both DHMC and UCH offer exposure to a large variety of renal disorders commonly seen in both acute care and floor medicine settings. Residents will work as part of a team consisting of attending, fellow, and 0-2 medical students. Residents will also participate in weekly attending didactic lectures and daily educational morning conferences. Hours are 8 or 9am-5pm Monday-Friday without night or weekend call. This is an ideal rotation for residents pursuing the hospitalist track, or those interested in critical care or cardiology fellowships.
- **Location:** UCH (50-100%) and Denver Health (50-100%)
- **Ambulatory %:** 0
- **Reviewed/Revised:** 2/9/2024

- **Palliative Care and Hospice**

- **Director:** Dr. Jeanie Youngwerth (Jean.Youngwerth@CUAnschutz.edu or 720-848-8530)
- **Description:** This month is designed to provide the resident with exposure to palliative care with an option for hospice experiences. The focus of the rotation is on care for people living with serious illness and their loved ones. Skills covered include acute pain and non-pain symptom management, advanced communication and complex family meetings, goals of care clarification, advance care planning, end-of-life transitions, and the interdisciplinary team approach to serious illness. Residents will integrate into the interdisciplinary team for the care of patients. Didactic education sessions twice weekly, in addition to weekly palliative medicine conferences. There are no weekend or evening call responsibilities.
- **Location:** UCH
- **Ambulatory %:** 0-50
- **Reviewed/Revised:** 2/7/2024

- **Public Health Practice Elective**

- **Director:** Julie Venci (Julie.Venci@dhha.org)
- **Coordinator:** Akemi Iwanabe (AKEMI.IWANABE@CUANSCHUTZ.EDU)
- **Restrictions:** Not offered in December. Only 1 resident may rotate at a time. Due to onboarding and optimization of the experience, CDPHE prefers residents not to take a vacation during the elective. Pre-approval must be procured from Dr. Venci before scheduling is finalized.
- **Description:** This elective allows residents to rotate with the Medical Epidemiology Unit at the Colorado Department of Public Health and Environment (CDPHE). During the rotation, they will work with public health physicians and other staff, including responding to outbreaks, drafting communications to health care providers or the public, performing evidence summaries and presenting to internal or external partners, and learning the basic principles of communicable disease surveillance. The rotation is currently in person on Tuesdays and otherwise primarily virtual. Opportunities to work in the TB clinic can be available for interested residents.
- **Location:** CDPHE (Optional: Denver Public Health, Denver Health TB clinic, Denver Health STI clinic)
- **Ambulatory %:** NON-CLINICAL

- **Revised/Reviewed:** 1/31/2024

- **Point of Care Ultrasound for the Hospitalized Patient (POCUS)**

- **Director:** Dr. Carolina Ortiz-Lopez (Carolina.Ortiz-Lopez@CUAnschutz.edu) and Dr. Michelle Fleshner (Michelle.Fleshner@CUAnschutz.edu)
- **Restrictions:** Priority to HTT.
- **Description:**
 - Learning Objectives:
 - Describe advanced procedural POCUS applications
 - Describe and apply POCUS for volume assessment
 - Describe and teach how to troubleshoot common errors of image acquisition and interpretation
 - Improve image acquisition skills through development of a POCUS portfolio
 - Improve image interpretation skills through dedicated image review sessions
 - Describe common pitfalls and challenges of POCUS
 - Description:
 - This elective will build upon the skills learned during the longitudinal intern POCUS curriculum. The elective will be given to only PGY2 and PGY3 residents who have completed this curriculum. It will be largely hands on with a combination of mentored and independent scanning. Residents and faculty will then review images together to discuss image optimization, troubleshooting, and clinical integration. Residents will be required to continue building a more advanced POCUS portfolio. Each resident will complete a project by the end of the rotation.
- **Location:** UCH
- **Ambulatory %:** 0
- **Reviewed/Revised:** 1/30/2024

- **Point of Care Ultrasound for the Hospitalized Patient (POCUS) 2.0**

- **Director:** Dr. Carolina Ortiz-Lopez (Carolina.Ortiz-Lopez@CUAnschutz.edu) and Dr. Michelle Fleshner (Michelle.Fleshner@CUAnschutz.edu)
- **Restrictions:** Priority to HTT Must have completed POCUS elective
 - *Resident will need to complete a POCUS 2.0 Mentor Form & return course directors for approval prior to rotation start.*
- Description: This 2-4 week elective is designed to enhance image acquisition and interpretation skills. Residents will independently acquire images to build their portfolio and review these images with a faculty member weekly. They will also work on a project to be determined by the resident and course directors related to POCUS education or scholarship and they will practice teaching POCUS skills to medical students or first year residents. Objectives:
 - To provide medical residents with structured time to work toward obtaining SHM Point-of-Care Ultrasound Certificate of Completion
 - To provide medical residents with formal instruction on image optimization and interpretation by an attending physician with POCUS experience.
 - To prepare medical residents for teaching co-residents and medical students the utility of bedside ultrasound and basic knobology of POCUS.
- **Location:** UCH
- **Ambulatory %:** 0

- **Reviewed/Revised:** 2/7/2024

- **PC Practice Setting Exploration: Private Practice Month (Internal Medicine Clinic)**

- **Director:** Dr. Yasmin Sacro (Yasmin.Sacro@dhha.org)
- **Restrictions:** Only available to R2 and R3 PC residents with PC PD's approval
- **Description:** An excellent opportunity to participate actively in a busy internist community based practice located at Arapahoe and Potomac Street in Centennial with a variety of managed care plans (HMOs, PPOs, POS, and indemnity insurance). In addition, they participate with several Medicare Advantage Care Plans for seniors. We are also part of a large ACO managed by Physician Health Partners (over 200+ primary care physicians). Multiple opportunities to learn, joint injections, skin biopsy, etc. Learn to code, refer, pre-authorize, use superbills and understand the myriad variations of insurance reimbursement. Some exposure to overhead and traditional office expenses. Opportunities to attend peer review, medical staff leadership, nursing home directorship meetings, IPA Utilization Management and other IPA related meetings, and quality management meetings. A terrific opportunity to get accustomed to practicing in the real world. They are affiliated with the Medical Center of Aurora and Parker Adventist Hospital. Site contacts: Dr Alan Aboaf
- **Location** Dr. Aboaf's Internal Medicine Clinic in Centennial
- **Ambulatory %:** 100
- **Reviewed/Revised** 1/31/2024

- **Primary Care – Practical Orthopedics for Internal Medicine**

- **Director:** Dr. Yasmin Sacro (Yasmin.Sacro@dhha.org)
- **Restrictions:** PC Track ONLY. R2-R3 only.
- **Description:** A Denver Health take on a popular rotation with focus on practical orthopedic and sports medicine skills for primary care. Rotate through sports medicine, podiatry, and orthopedics to learn and practice advanced joint exams, joint injections as available, and approaches to common musculoskeletal problems. The rotation will focus on practicing initial diagnostic steps and determining when to refer to PT/OT, pain psychology when available, and/or surgical specialists.
- **Location** 100% DH Western Orthopedics
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/31/2024

- **Preceptorship Indian Health Service**

- **Director:** Dr. Yasmin Sacro (Yasmin.Sacro@dhha.org)
- **Restrictions:** Priority to PC & Upper Level Residents only.
- **Description:** Residents can take advantage of wonderful opportunities with Indian Health Services with current approved site options: Chinle, Whiteriver, or Phoenix, Arizona; or Shiprock, NM. Please note these are offsite rotations and are subject to availability given learner demand from across the nation. Residents will practice the full spectrum of internal medicine including outpatient clinics and inpatient rounding, if desired, in this unique practice setting. During this rotation, residents live on the reservation affording them an opportunity to become fully immersed in the unique culture and community needs of the reservations. Please contact Yasmin.Sacro@dhha.org for location preferences at the beginning of academic scheduling, and also notify her for any change/cancellation 6 months in advance. Vacation may not be allowed.
- **Location:** Indian Health Sites in Chinle AZ, Phoenix AZ, Whiteriver AZ, or Shiprock NM
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/31/2024

- **Preceptorship Refugee Health**

- **Director:** Dr. Jamaluddin Moloo (Jamaluddin.Moloo@CUAnschutz.edu)
- **Restrictions:** Priority to PC.
- **Description:** Global health locally! The rotation will afford residents a unique perspective to refugee populations and the many barriers faced by many immigrant and lower income patients. You will be immersed within the community setting and work directly with refugee patients and their families. Activities include home visits, outreach to senior centers and providing community based education. The rotation is unlike most clinical rotations (including those embedded within safety net systems). The experience will afford a unique understanding of the barriers faced by our patients and will help you to optimize the care of your future patients! Please reach out to Dr. Moloo with any questions.
- **Location:** Community-based
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/20/2021

- **Preceptorship Rural Underserved**

- **Director:** Dr. Yasmin Sacro (Yasmin.Sacro@dhha.org)
- **Restrictions:** Priority to PC. (R2-3s only)
- **Description:** Residents will spend the entire elective block at a rural site of their choosing. We have established rural clinical sites through prior resident rotations and the Primary Care Track alumni network, such as Montrose and Glenwood Springs, CO. Focus will be to develop physician skills most vital to the needs of rural communities. This may involve outpatient and inpatient clinical care, procedural skills and urgent care. It will provide residents with exposure to the benefits and challenges of working and living in a rural community. Limited funds for travel and accommodations may be available to PC Track residents. This is a great opportunity for self-directed, highly motivated, and community-oriented residents who seek one-on-one teaching in a unique setting. Out of state rural clinical sites may be considered with approval of PC Program Director. Please discuss location preferences with Yasmin.Sacro@dhha.org at least 9-12 months in advance.
- **Location:** Montrose, Gunnison, or Billings
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/31/2024

- **Preceptorship Urban Underserved**

- **Director:** Yasmin Sacro: yasmin.sacro@dhha.org
- **Restrictions:** PC Track PRIORITY (R1-3)
- **Description:** Learn about and practice in the safety network that serves Denver. Having the opportunity to spend a month at a single clinical site will allow residents to experience the rewards of providing primary care to vulnerable populations in our county. Residents can choose (limited to availability and approval by Primary Care PD): Colorado Coalition for the Homeless (formerly Stout Street Clinic - R2/3s only), Denver Health Immigrant & Refugee Health, or one of Denver Health's FQHC Teaching Clinic sites (Eastside, Westside, Webb, or Sloans Lake).
- **Location:** Denver Health
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/31/2024

- **Psychiatry for the General Internist**

- **Director:** Dr. Elizabeth Lowdermilk (Elizabeth.Lowdermilk@dhha.org)
- **Restrictions:** Priority to PC.
- **Description:** There are 3 sites that will be available for the psychiatry rotations – Denver Health, Mental Health Center of Denver, and VA. Residents can specify which site(s) they would prefer based on their offerings at each site, and we will make every attempt to accommodate educational requests during these months. Please request your preferred sites from Dr. Yasmin Sacro.
 - *Didactic- if the resident does not have their IM Wednesday Morning Session, he/she will attend the psychiatry didactics at 500 Bldg on Anschutz Campus.
 - Clinic experiences can include:
 - Denver Health (Dr. Liz Lowdermilk) Intake evaluations, treatment of mental health conditions in primary care, common psychiatric diagnoses such as anxiety and mood disorders, substance use disorders, women's health clinics for pregnant females, and psychiatric emergency services. This is the main site for this rotation.
 - VA (Dr. Mitzi Wasserstein) The C-L setting lends itself to a large variety of psychiatric issues and illness severity, which correlates well with the pathology that Internal Medicine residents will likely see in their future practice. In this setting, residents will get experience in diagnostic formulation, assessing for suicidality and violence, determining pharmacotherapy, and some basic principles of psychotherapy in patients with comorbid medical and mental health issues. Additionally, the C-L service conducts geriatric psychiatry consults for inpatient med/surg at the VAMC, so IM residents will be able to evaluate, assess and develop treatment recommendations for geriatric patients as well as younger veterans. The residents work on an interdisciplinary team along with Psychiatry attendings and residents, MSIII and MSIV students, and, intermittently, Pharmacy residents, Neurology residents, and Nursing students. This provides a valuable opportunity for collaboration and mutual education. Time is regularly set aside for seminars with attending psychiatrists covering major topics in psychiatry. Some outpatient mental health experience may be available upon request.
 - Optional: Mental Health Center of Denver (Dr. Michelle Cleeves) Spend a day per week at the outpatient clinic at MSCD working with our PC residency graduates!
- **Location:** DH, VA
- **Ambulatory %:** 60
- **Reviewed/Revised:** 2/21/2024

- **Psychiatry Consult – Liaison**

- **Director:** Dr. Christopher Dobbelstein (Christopher.Dobbelstein@CUAnschutz.edu)
- **Coordinator:** Sara Dillard (Sara.Dillard@CUAnschutz.edu)
- **Description:** Residents will join the Consultation-Liaison Psychiatry (CLP) team at the University of Colorado Hospital. This team consists of psychiatrists, psychologists, nurse practitioners, social workers, and learners at various stages of their education. Patients are seen by various professionals on the team depending on the patient's needs (e.g., psychiatric medication management, cognitive behavioral therapy, supportive psychotherapy, etc.). This service operates Monday-Friday, 8:00 AM- 5:00 PM.
- **Location:** UCH

- **Ambulatory %:** 0
- **Reviewed/Revised:** 1/23/2024

- **Pulmonary Consults Inpatient**

- **Director (VA):** Dr. Jack Dempsey (Edward.Dempsey@CUAnschutz.edu),
- **Director (UCH):** Dr. Peter Hountras (Peter.Hountras@CUAnschutz.edu)
- **Coordinator (VA and UCH):** Kelly Rico (Kelly.Rico@CUAnschutz.edu) and Rachel Machoni (Rachel.Machoni@CUAnschutz.edu)
- **Description:** These rotations are designed to allow internal medicine residents the opportunity to acquire and develop skills in diagnosing and managing inpatients with lung disease and critical illness requiring consultative care. If the resident desires, we can also make this a hybrid inpatient – outpatient rotation, on request. There are no admit or discharge duties. Additional knowledge and skills will be acquired by seeing patients under the guidance and supervision of pulmonary and critical care attendings and fellows. Specifically, residents will consult on patients with COPD, pleural disease, PE, ILD, hemoptysis, respiratory failure, PHTN, pulmonary nodules and masses, and infections. Bronchoscopies on patients on the inpatient services or outpatients are also performed. Other procedures (intubations, chest tubes, thoracentesis, and bedside ultrasound) are performed as well. Opportunity to review chest imaging and interpret pulmonary function tests. This is a 5 day work week, non-call schedule. Residents are encouraged to attend all conferences offered by Pulmonary Sciences & Critical Care Division (Pulmonary Grand Rounds: Thursdays, 7:30am Heitler Hall National Jewish Health, and UCH ILD Case Conference Fridays 1-2:30pm AIP2 5.516-5.517 if at UCH). For specific rotation requests or for additional information, please contact Drs Dempsey or Hountras, above. Two sites are available:
 - VA pulmonary consult rotation: work with pulmonary fellow; see diverse spectrum of lung disorders on inpatient wards and spinal cord unit); assist with bronchoscopies and other procedures; read chest images and PFTs; participate in nodule clinic (Weds PM); and join didactic sessions (nodule conference, Wed 11-12; fellow education hr on misc pulm topics, Fri 11-12). Note: two pulmonary fellows are based at VA; they divide consults, procedures and ICU care.
 - UCH pulmonary consults rotation: work directly with a 2nd or 3rd year fellow: bronchs, CCU intubations and vent management, general consults; attending also covers separate stepdown service but resident/fellow do not; some residents will like the UCH environment, upper year fellow teaching and experience; also an opportunity to attend subspecialty clinics (PHTN, PE-CTEPH, ILD, asthma) as pace of the service allows.
- **Location:** UCH, VA
- **Ambulatory %:** 0-20%
- **Reviewed/Revised:** 1/23/2024

- **Pulmonary Hypertension**

- **Director:** Dr. Peter Hountras (Peter.Hountras@CUAnschutz.edu)
- **Coordinator:** Kelly Rico (Kelly.Rico@CUAnschutz.edu) and Rachel Machoni (Rachel.Machoni@CUAnschutz.edu)
- **Description:** Rotation in inpatient and outpatient pulmonary vascular disease. Combination of primary service and consultation on patients with pulmonary hypertension, HHT, and pulmonary embolism.
- **Location:** UCH
- **Ambulatory %:** 10%

- **Reviewed/Revised:** 1/23/2024

- **Pulmonary Outpatient**

- **Director:** Dr. Trevor Steinbach (Trevor.Steinbach@CUAnschutz.edu)
- **Coordinator:** Kelly Rico (Kelly.Rico@CUAnschutz.edu) and Rachel Machoni (Rachel.Machoni@CUAnschutz.edu)
- **Description:** This outpatient elective is designed to provide IM residents with a broad experience in general pulmonary medicine, as well as augment their experience with highly specialized areas of pulmonary medicine. Residents will be able to rotate among general pulmonary clinic, pulmonary hypertension, asthma, lung transplant, interstitial lung diseases, neuromuscular, post-ICU, and post-COVID pulmonary clinics based on their individual interests and educational goals. Residents will also have the opportunity to rotate in sleep medicine clinics. The clinics run Monday – Friday 8:00 AM to 5:00 PM. Residents will work predominantly with P/CCM faculty, as well as, P/CCM fellows. Case load of patients vary but will typically review 1 new patient and 2-4 follow-up patients. Residents are encouraged to follow patients for procedures (i.e. bronchoscopy, right heart catheterization, lung biopsy, whole lung lavage, etc.).
- **Location:** UCH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/23/2024

- **Rehab Medicine**

- **Director:** Dr. Elizabeth Knight (Elizabeth.Knight@va.gov)
- **Description:** This is an ambulatory rotation with the Physical Medicine and Rehabilitation department at the Rocky Mountain Regional VA Medical Center. Residents will have the opportunity to hone their skills in the evaluation and management of musculoskeletal complaints. In addition, they will gain exposure to electrodiagnostic medicine, amputee care, brain injury medicine, and interventional spine procedures. By the end of the rotation, residents should be proficient in limited palpation-guided injections.
- **Location:** RMR VA Medical Center, report to G1, first check-in desk
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/30/2024

- **Research – Primary Care**

- **Director:** Dr. Jacinda Nicklas (Jacinda.Nicklas@CUAnschutz.edu)
- **Restrictions:** Available to PC only.
- **Description:** The objective of participating in primary care research is to allow residents exposure to the process of conducting research while exploring issues that are relevant to them. As a secondary objective, we encourage presentation of research results at regional or national meetings as well as publication in a peer-reviewed journal. Proposals can include literature reviews, pilot studies, working on existing studies, data analysis and manuscript preparation. Prior to beginning the research month, residents must identify a research mentor who will be able to work closely with them to achieve the above goals. Dr. Nicklas will provide oversight to the research program and can assist in identifying research mentors, defining projects and obtaining research funding. She will also be available to provide study design and analytic advice. Once a research elective is scheduled, the resident must complete a short research elective application

form that is signed by their mentor for review and approved by Dr. Nicklas at least 60 days prior to the rotation. This step is to ensure your research project is appropriate for a resident, including feasibility within the length of time available. We also want to ensure that any necessary regulatory requirements for the research are in place. It is always a good idea to also speak to other residents who have been involved in research about their experiences.

- **Location:** N/A
- **Ambulatory %:** NON-CLINICAL
- **Reviewed/Revised:** 1/30/2024

- **Research**

- **Director:** Dr. Lisa Davis (Lisa.Davis@CUAnschutz.edu)
- **Coordinator:** Mary Meadows (Mary.Meadows@CUAnschutz.edu)
- **Description:** Residents interested in academic careers and/or fellowship are encouraged to participate in research. Up to 3 months of research elective will be considered for residents per ABIM guidelines. Residents are encouraged to speak to more than one prospective mentor. You are welcome to participate in basic or clinical research.
 - who can direct residents to research mentors who have a track record of success. <https://medschool.cuanschutz.edu/medicine/education/heartbeat-im-residency-training-program/resources-and-support/research-mentorship/research-project-contacts>
 - We also annually survey the faculty for those who are interested in mentoring residents; this is indexed by division or research category, and online at this page: <https://medschool.cuanschutz.edu/medicine/education/heartbeat-im-residency-training-program/forms/research-approval>
 - Residents are also welcome to talk with Dr. Davis, their APD, or others about choosing a mentor. Once a research elective is scheduled, the resident must complete a short research elective application form that is signed by their mentor for review and approval by Dr. Davis at least 60 days prior to the rotation. This elective form is available at this page:
 - This approval process is to ensure your research project is appropriate for a resident with the length of time available and that all details, such as regulatory requirements for the research to be done, are in place. One should take an appropriate amount of time to thoroughly complete this form as inadequate proposals will be returned to the resident and mentor for revision. At the end of your elective your mentor will receive an evaluation and you will also receive a self-evaluation. All residents who complete a research elective are strongly encouraged to submit an abstract to a national conference and attend the conference and present their work as a poster or oral presentation. Funds are available to attend conferences to present your work; the form (pay attention to the details!) is here: <https://medschool.cuanschutz.edu/medicine/education/heartbeat-im-residency-training-program/forms>
 - It is hoped that you will also be able to publish your work in a peer-reviewed journal.
- **Location:** N/A
- **Ambulatory %:** NON-CLINICAL
- **Reviewed/Revised:** 1/30/2024

- **Rheumatology Outpatient**

- **Director:** Dr. Jennifer Stichman (Jennifer.Stichman@dhha.org)

- **Coordinator:** Mia Kuehn (Mia.Kuehn@CUAnschutz.edu)
- **Restrictions:** can be 2 weeks (with no vacation) or 4 weeks (with 1 week vacation)
- **Description:** During the elective rotation in Rheumatology, residents will attend 6 half-day clinics at University of Colorado Hospital (Anschutz Outpatient Pavilion), the Denver VAMC, and Denver Health. Residents will work in clinic alongside medical students and rheumatology fellows. They will see outpatients with a variety of rheumatic and autoimmune disorders including regional rheumatic disorders, crystal diseases, spondyloarthropathies, rheumatoid arthritis, osteoarthritis, lupus, Sjögren's, myositis, vasculitis, and others. Dermatology and ophthalmology prelims may have an option to spend session in rheum-derm or rheum-eye combined clinics respectively. Med-peds residents may add sessions in pediatric Rheumatology. Residents will attend the weekly Tuesday morning Rheumatology Division grand rounds and teaching conferences. There is no night or weekend call.
- **Location:** 33% UCH, 33%VA, 33% DH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 2/20/2024

- **Rheumatology Acute Care Rotation**

- **Director:** Dr. Jennifer Stichman (Jennifer.Stichman@DHHA.org)
- **Coordinator:** Mia Kuehn (Mia.Kuehn@CUAnschutz.edu)
- **Restrictions:** can be 2 weeks (with no vacation) or 4 weeks (with 1 week vacation)
- **Description:** Rheumatology encompasses a wide range of autoimmune and inflammatory diseases. The majority of rheumatology clinical practice is performed in the outpatient setting; however, many interesting and acutely ill patients with rheumatic diseases are seen on the inpatient service, and as emergent outpatient evaluations. These diseases include severe lupus, vasculitis, or complications of immunosuppressive therapy such as infection that, because of the relative rarity of these conditions, a resident may not otherwise encounter during their training. In addition, inpatients and emergent outpatients are often patients that require joint aspiration for diseases such as crystalline arthropathy.
 - **EDUCATIONAL GOALS:** The resident will learn the appropriate evaluation and management approaches for patients with rheumatic diseases with a special focus on those patients that are acutely ill. This can include evaluations for vasculitis or lupus that include biomarker testing, imaging and tissue biopsy, and management strategies for patients with acute rheumatologic illness, as well as perioperative management of patients with rheumatic disease. In addition, the resident will learn the rationale, techniques and appropriate testing (e.g. synovial analyses) related to joint aspiration. This education will be applicable to residents interested in rheumatology as a career, as well as residents who may choose to do hospitalist medicine where familiarity with inpatient management of rheumatic diseases and joint aspiration will be of benefit.
 - **SCOPE OF WORK AND TIME COMMITMENT:** For this rotation, the resident will work at the UCHHealth Anschutz Campus, and serve as the primary rheumatology consultant for patients assigned to them. They will work with the rheumatology fellow to identify patients that the resident will evaluate on either an outpatient or inpatient basis. The resident will then perform the initial evaluation and discuss the diagnostic and management plan with the rheumatology fellow and attending, follow the patient(s) as appropriate, and perform appropriate medical documentation. It is estimated that the resident will spend ~60% of their time performing urgent outpatient evaluations (clinic or emergency room), and 30% with inpatient evaluations. In addition, they will have approximately 1/2 day a week of rheumatology education at conferences. Based on the current monthly average of inpatient and emergent outpatient rheumatology consults,

outside of the scheduled clinics, it is estimated that the resident will evaluate approximately 20 patients monthly (10 inpatient and 10 emergent outpatient), and perform approximately 4 joint aspirations/injections. The resident's duty hours will be approximately 730 AM to 530 PM Monday through Friday. They will NOT perform overnight or weekend call. Of note, this rotation is separate from the rheumatology outpatient elective rotation.

- **Location:** UCH
- **Ambulatory %:** 50
- **Reviewed/Revised:** 2/20/2024

- **Rheumatology Combined Consult/Ambulatory**

- **Director:** Dr. Jennifer Stichman (Jennifer.Stichman@DHHA.org)
- **Coordinator:** Mia Kuehn (Mia.Kuehn@CUAnschutz.edu)
- **Restrictions:** can be 2 weeks (with no vacation) or 4 weeks (with 1 week vacation)
- **Description:** For the CONSULT WEEKS of the rotation, the resident will work at the UCHealth Anschutz Campus, and serve as the primary rheumatology consultant for patients assigned to them. They will work with the rheumatology fellow to identify patients that the resident will evaluate on either an outpatient or inpatient basis. The resident will then perform the initial evaluation and discuss the diagnostic and management plan with the rheumatology fellow and attending, follow the patient(s) as appropriate, and perform appropriate medical documentation. It is estimated that the resident will spend ~60% of their time performing urgent outpatient evaluations (clinic or emergency room), and 30% with inpatient evaluations. In addition, they will have approximately 1/2 day a week of rheumatology education at TUESDAY AM conferences. Based on the current monthly average of inpatient and emergent outpatient rheumatology consults, outside of the scheduled clinics, it is estimated that the resident will evaluate approximately 20 patients monthly (10 inpatient and 10 emergent outpatient), and perform approximately 4 joint aspirations/injections. The resident's duty hours will be approximately 730 AM to 530 PM Monday through Friday. They will NOT perform overnight or weekend call. Of note, this rotation is separate from the rheumatology outpatient elective rotation.
- During the OUTPATIENT WEEKS, residents will attend 6 half-day clinics at University of Colorado Hospital (Anschutz Outpatient Pavilion), the Denver VAMC, and Denver Health. Residents will work in clinic alongside medical students and rheumatology fellows. They will see outpatients with a variety of rheumatic and autoimmune disorders including regional rheumatic disorders, crystal diseases, spondyloarthropathies, rheumatoid arthritis, osteoarthritis, lupus, Sjögren's, myositis, vasculitis, and others. Specialty clinics eg spondyloarthropathy are not available for the combined elective. Residents will attend the weekly Tuesday morning Rheumatology Division grand rounds and teaching conferences. There is no night or weekend call.
- **Location:** UCH (68), VA (16), DH (16)
- **Ambulatory %:** 85
- **Reviewed/Revised:** 2/20/2024

- **Sleep Medicine**

- **Director:** Dr. Jessica Camacho (Jessica.Camacho@cuanschutz.edu)
- **Description:** Sleep is an essential human function required for rest, recovery, memory consolidation, and neurocognitive function. Inadequate sleep duration and/or quality can

negatively impact multiple physiologic systems and lead to significant morbidity. This two-week outpatient elective will introduce you to the fascinating aspects of sleep health as well as the evaluation and management of common sleep pathologies. Learners will gain familiarity with a variety of syndromes, including obstructive sleep apnea, central sleep apnea, obesity hypoventilation syndrome (OHS), insomnia, restless legs syndrome (RLS), hypersomnia, circadian rhythm disorders, and parasomnias. Learning experiences include rotating through the UCH Sleep Medicine Clinic, working one-on-one with sleep faculty from a variety of training backgrounds, introduction to polysomnography, home sleep testing, and PAP equipment, CPAP troubleshooting, mask fitting, cognitive behavioral therapy for insomnia (CBT-I), basic sleep study interpretation, OHS Pathway consults, faculty-led didactics, weekly conferences, and individual reading time. Residents and fellows from all adult disciplines are invited to participate.

- **Location:** UCH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/23/2024

- **Sports Medicine**

- **Directors:** Dr. Lauren Oberle (Lauren.Oberle@CUAnschutz.edu) – primary contact - and Dr. John Spittler (John.Spittler@cuanschutz.edu)
- **Coordinator:** Laurie Lemmel (Laurie.Lemmel@CUAnschutz.edu)
- **Restrictions:** PGY 3 residents (or MedPeds PGY 3-4) only or PGY 2 residents interested in pursuing a sports medicine fellowship who cannot rotate in the fall of PGY3 year. Resident must have their own transportation to/from Boulder clinic site. Limited availability outside of January – March..
- **Description:** This elective exposes residents to clinical opportunities to evaluate and manage musculoskeletal conditions in non-athletes, athletes and active individuals and teach them to promote healthy lifestyles. Residents will learn how to identify injuries, perform physical exam maneuvers for common areas of complaints, and develop treatment plans. Elective aims are to have residents become proficient with procedures like common joint injections and utilization of common diagnostic tools such as ultrasound & other imaging modalities. Locations for elective vary between UCH and Denver Health.
- **Location:** UCH, CU Boulder, & DH
- **Ambulatory %:** 90% (no call or weekends)
- **Reviewed/Revised:** 1/31/2024

- **Systems Based Practice**

- **Director:** Dr. David Elwell (David.Elwell@dhha.org)
- **Coordinator** Kendra Burghardt kendra.burghardt@dhha.org
- **Restrictions:** Offered once a year in spring. Priority to PC.
- **Description:** Residents learn about the health care system, participate in high level medical decision meetings, and meet many of the people around town who make policy decisions. Designed to give residents a glimpse “behind the curtain” of how the health systems around us are driven, financed, operated, and managed. We would encourage people to do the elective if you think you are going to like the topics(understanding healthcare systems, what’s Medicare/Medicaid, who pays, how do you define “quality”, how are coverage decisions made and who is making them?) This elective is more didactic-heavy and relies on the ability to gather

residents in group on the same days to meet faculty and providers. In order to maximize the experience, a week vacation may be pre-determined.

- **Location:** DH
- **Ambulatory %:** NON-CLINICAL
- **Reviewed/Revised:** 2/20/2024

- **Transitions of Care**

- **Director:** Dr. Chi Zheng (Chi.Zheng@dhha.org)
- **Description:** Transitions of care are vulnerable times for our patients due to changes in location of care as well as the corresponding care providers. This elective is designed for residents interested in careers in hospital medicine as well as primary care. The focus will be on the care for medically complex “superutilizers” in the Intensive Outpatient Clinic (IOC) and on patients being discharged from Denver Health with subsequent follow-up in the Hospital Transitions Clinic (HTC) designed to prevent readmissions and reduce preventable admissions. Given this rotation is based at Denver Health, there will also be an education component that focuses on transitions of care for the underserved. There will be supplemental didactics which will cover topics such as readmission risk assessment, interventions and bundles aimed at reducing readmissions, disease states that have been targeted, optimal communication around discharge, and how to improve hospital primary care relationship and physician satisfaction. Residents interested in procedures or POCUS will also have opportunities to refine these skillsets in this high risk patient population. Residents will have ample time for self-directed learning as well as opportunities for career mentorship in general internal medicine. There is no weekend or evening call on this rotation.
- **Location:** DH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 2/7/2024

- **UCH Neuro**

- **Director:** Dr. Jarrett Leech (JARRETT.LEECH@CUANSCHUTZ.EDU)
- **Coordinator:** Katelynn Jennings (KATELYNN.JENNINGS@CUANSCHUTZ.EDU)
- **Restrictions:** Required for R3 Categorical residents (2 weeks, paired with 2 weeks of UCH Consults IP) and R2 Hospitalist residents (2 weeks, paired with 2 weeks of UCH Consults Amb).
- **Description:** This 2-week rotation includes neurology experiences on the inpatient neurology services at the University of Colorado Hospital. Hospitalist residents will focus on the neurology consult service, which includes stroke alerts, other acute neurological emergencies, and routine neurological consults. The consult service can accommodate a single HTP resident. If multiple HTP learners are present, then the residents will decide together which services to rotate with. Please inform the internal medicine coordinator to ensure you receive an evaluation from the correct attending. Non-HTP residents may have an experience on either the stroke or general neurology services. The stroke service has the opportunity for stroke alerts as a learning experience. This rotation emphasizes the neurologic exam, differential diagnosis, interpretation of neuroimaging, and therapeutic approach. With advance notice, specific neurology subspecialty experiences can be arranged. Residents are invited to attend neurology resident didactic sessions and stroke didactics and stroke case conferences.
- **Location:** UCH
- **Ambulatory %:** 0
- **Reviewed/Revised:** 1/30/2024

- **UCH Consults**

- **Director:** Dr. Mandy Johnson (Amanda.V.Johnson@CUAnschutz.edu) and Dr. Philip Vatterott (Philip.Vatterott@CUAnschutz.edu)
- **Description:** This rotation is designed to meet the needs of future hospitalists or inpatient subspecialists but covers many core principles of any internal medicine practice. Hospitalist and other hospital-based internists spend nearly 30% of their clinical care contact providing consultation and co-management in coordination with other non-medicine services. Residents will divide their time between (1) general medicine consultation and (2) co-management of orthopedic patients. This clinical experience emphasizes excellence in communication skills, the art of consultation, pre-operative evaluations, and post-operative medical management. A separate PGY2 and PGY3 formal curriculum is utilized in didactic sessions. PGY2 hospitalist residents will pair a 2-week UCH Consults rotation with the 2-week UCH Neuro rotation during a non-ward block. PGY3 categorical residents will also typically pair a 2-week UCH Consults rotation with the 2-week UCH Neuro rotation, but during a ward block. PGY3 hospitalist residents will complete a 2- or 4-week UCH Consults rotation during a ward block. This rotation is generally Monday-Friday with weekends off during non-ward blocks and 6 days per week on ward blocks. Vacation may be taken during 4-week but not 2-week rotations.
- **Location:** UCH
- **Ambulatory %:** 0
- **Reviewed/Revised:** 1/20/2024

- **WISH (Women's Integrated Services in Health)**

- **Directors:** Dr. Mitra Razzaghi (Mitra.Razzaghi@CUAnschutz.edu)
- **Restrictions:** Upper levels only. No rotators in March, November, or December. Females only as defined by those who identify as female or those who are female at birth and identify as non-binary/genderqueer.
- **Description:** During this elective, residents will have the unique opportunity to participate in a University-based continuity practice providing primary and gynecologic care to women from adolescence through adulthood. The WISH clinic is comprised of seven Internal Medicine and Family Medicine-trained faculty members who may precept residents. Residents can expect to perform annual exams; develop an understanding of and recommend contraceptive options for women; manage common women's health issues such as diagnosis and treatment of STIs, amenorrhea, menorrhagia, dysfunctional uterine bleeding, pelvic pain, abnormal pap smears, infertility, osteoporosis, urinary incontinence, menopause, mental health issues, breast concerns; and observe and perform common Primary Care and gynecologic procedures, such as IUD insertion and removal, Nexplanon insertion and removal, colposcopy, LEEP, skin biopsy, joint injections, and incision and drainage of abscesses or cysts. During the rotation, residents will be provided with numerous clinical resources commonly used in the outpatient care of women. Residents will be expected to contribute a short written summary of a common women's health topic to our patient information binder and give a short presentation at the end of the rotation.
- **Location:** UCH
- **Ambulatory %:** 100
- **Reviewed/Revised:** 1/23/2024

- **Women's Health/Neurology**

- **Directors:** Dr. Michelle Cleaves (Michelle.Cleaves@dhha.org)
- **Coordinator** Kendra Burghardt kendra.burghardt@dhha.org
- **Restrictions:** PC Track ONLY (R2-3).

- **Description:** This provides residents exposure to several diverse outpatient clinical experiences including gestational diabetes, metabolic bone disease, and breast clinics, high risk OB, and pelvic pain clinics. Residents will gain exposure in the diagnosis and treatment of sexually transmitted infections, performance of well-woman examinations, contraception, treatment and management of abnormal pap smears, workup of abnormal and dysfunctional uterine bleeding, diagnosis and work-up of incontinence, including urodynamics, and hormone therapy counseling. Additionally residents will gain clinical experience in Neurology including diagnosis and management of headaches, multiple sclerosis, movement disorders, memory disorders and epilepsy. Residents will have the opportunity to practice their neurologic physical exam and expand their understand of neurologic conditions in primary care.
- **Location:** Sloans Lake 2.5%, Webb 5%, Westside 5%, La Casa Family Health Center 2.5%, Westwood Family Health Center 2.5%, DH Pena Southwest Care Clinic 2.5%, Eastside 7.5%, DH 52.5%, UCH 12.5%, AF Williams Clinic 2.5%, VA 5%.
- **Ambulatory %:** 100
- **Reviewed/Revised:** 2/1/2024

International Rotations

• Guatemala

- **Director:** Dr. Edwin Asturias (Edwin.Asturias@CUAnschutz.edu)
- **Coordinator:** Rafaella Darquea-Reyes (RAFAELLA.DARQUEA-REYES@CUANSCHUTZ.EDU)
- **Restrictions:** Must submit application and be approved.
- **Description:** for up to 12 residents per year (one per 4 week block), conversational Spanish required, although options for language classes are available. This program includes room and board. Travel Funds can be used toward flights/transportation.
 - The Guatemala (Trifinio) Global Health Elective is at the Southwest Trifinio outpatient clinic site located 45 minutes south from the town of Coatepeque, Quetzaltenango, Guatemala. The area is located in the coastal lowlands, home to approximately 23,000 people from 20 different communities. The Center for Global Health and the Jose Fernando Bolaños Foundation have developed a clinic and community programs in the area. The clinic serves a population of banana plantation workers and mostly their families (maternal health and pediatrics). Rotators will also include pediatric and family medicine residents. For more details see <http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/globalhealth/education/Pages/Global-Health-Elective.aspx>
 - There is a GME requirement that residents give a presentation upon returning from an international rotation. Upon return, residents are to arrange with the Chief Residents to present during a resident conference at UCH, DH or PSL. Please advise Nicole Canterbury and Dr. Geoff Connors of scheduled presentation dates.
 - Application can be found here: <http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/globalhealth/education/Documents/Guatemala%20GHA%20Elective%20Application%20Form.pdf>
- **Location:** Guatemala
- **Ambulatory %:** 100
- **Reviewed/Revised:** 3/19/2019

• Zimbabwe

- **Directors:** Dr. Reem Hanna (Reem.Hanna@CUAnschutz.edu)
- **Restrictions:** Must submit application and be approved.

- **Description:** Colorado-Zimbabwe International Exchange (CoZIE) program in Harare, Zimbabwe: for 2 to 4 residents per academic year interested in a resource poor mostly inpatient clinical experience with a commitment to teaching medical students and other learners. This program includes airfare and housing (additional positions may be available that include housing only).
 - CoZIE is a bilateral exchange program between the Department of Medicine in the University of Colorado School of Medicine (DOM UCSOM) and the Department of Internal Medicine in the University of Zimbabwe College of Health Sciences (UZCHS). UZCHS is a medical school in an urban resource poor setting. Residents who participate in this elective will work in teams with UZCHS faculty, residents and medical students. The objectives of CoZIE are:
 - Provide meaningful exposure to healthcare provision in resource diverse academic settings.
 - Model modern methods of clinical teaching.
 - There is a GME requirement that residents give a presentation upon returning from an international rotation. Upon return, residents are to arrange with the Chief Residents to present during a resident conference at UCH or DH. Please advise Nicole Canterbury and Geoff Connors of scheduled presentation dates.
- **Location:** Zimbabwe
- **Ambulatory:** 100
- **Reviewed/Revised:** 10/27/2021