

UCSF

Department of Medicine

Residency Programs

Electives Brochure
2009-2010

MEMORANDUM

TO: Medicine Residents

FROM: Drs. Julian, Kaplan, Cogswell and Cornett

DATE: April 14, 2009

RE: Elective Brochure

CC: Program Directors, Chief Residents

Attached please find the elective brochure that will serve as your guide when selecting electives. If you need additional information about a particular elective, please contact the director or administrator listed for that elective. In addition, on the web is a copy of the Research and Non-Standard Clinical Electives policy that spells out the steps to take if you are planning a research or any non-standard elective next year (e.g., months away for research or clinical work, any elective that is not included in the brochure).

There are a few key features in the elective brochure that you should pay particular attention to:

- **Key Half Days:** Most of the directors have chosen key half-days for their electives. These are the half-days that are important to the educational quality of the elective, and usually include important conferences or clinical experiences. These key half-days are listed above the schedule, and are double-bordered within the schedule. If you enroll in an elective with identified key half-days, please discuss any conflicts with the elective director (ex: if they conflict with your continuity clinic).

- **Jeopardy and Vacation Requirements:** Some electives have special requirements regarding jeopardy and vacation. These requirements are listed below the sample schedule for each elective, and include the maximum amount of vacation (if any) that a resident may take during that elective. When the final grids are distributed, each elective director will be notified of the residents assigned to their rotation, along with jeopardy and vacation information, if applicable. From that point on, it will be your responsibility to notify the elective directors (or administrators, if one is listed) regarding vacation or jeopardy responsibility changes. Three months advance notice of vacation changes is required.

- **Educational Objectives:** Most of the elective directors have developed educational objectives for their elective. These are to help you better choose those rotations that meet your individual learning goals. We hope this brochure is helpful. If you have suggestions about additional information that would be useful in future years, please let us know at joni.anderson@ucsf.edu. If you have any questions about the Research and Non-Standard Clinical Electives policy, please contact us or your program director. Good luck in your planning for next year! Thank you.

Allergy & Immunology (Moffitt-Long)

Maximum # of Residents per month: 1

KEY HALF-DAYS: Mon. PM / Tues. PM / Wed. AM, Thurs. AM & PM

Details for the rotation must be arranged in advance.

Dr. Katherine Gundling

353-2725 tel; 353-2568 fax; Box 0359

Katherine.gundling@ucsf.edu

Location: ACC 5th Floor

Administrator: Patrick Manalastas 476-6926 tel,
415-476-5712 fax; Patrick.Manalastas@ucsf.ed

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Journal Club 8:10AM Ped. Allergy Clinic 9AM-12PM Skin Test 9AM-12PM	Pulm Conf 8-9AM Skin test 9AM-12PM Clinic 1 st , 3rd	Clinic 9AM-12PM	Clinic 9AM-12PM	Pulm Physiol Conf 8-9:30AM
PM	Clinic 1-5PM	Clinic 1-5PM	Fellows Core Curr. 1-2PM	Clinic 1-5PM	

Shaded areas represent required work hours.

JEOPARDY: OK

VACATION: Up to 1 week OK.

DESCRIPTION: This rotation takes place in the outpatient setting and consists of seven half-day clinics per week: allergy & immunology clinics (7 half-days), and allergy skin testing (2 half-days). Teaching conferences include a journal club, an A/I conference, fellows' core curriculum, pulmonary grand rounds, pulmonary physiology course and weekly case discussion with fellows. There is no call for this rotation.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Perform a detailed allergy/immunology history and physical examination.
- Understand the indications and interpretation of diagnostic and therapeutic procedures including allergy skin testing, allergen immunotherapy, acute drug desensitization, spirometry and nasopharyngoscopy.
- Understand the pathophysiology diagnosis and treatment of common allergy/immunology disorders including allergic rhinitis, asthma, sinusitis, urticaria/angioedema, anaphylaxis, chronic cough, food hypersensitivity, drug reactions, latex allergy.
- Understand and implement peak flow monitoring and environmental control measures.
- Understand the clinical evaluation and laboratory testing of adult primary immune deficiency.

Cardiology – Consultative (Moffitt-Long)

Maximum # of residents per month: 1

KEY HALF-DAYS: Thurs. PM

Dr. Michael Crawford

502-8584 tel, 476-4137 fax Box; 0124

crawfordm@medicine.ucsf.edu

Administrator: Susan Verde

502-1115 tel; 353-9190 fax, Box 0124

sverde@medicine.ucsf.edu

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Work rounds	Work rounds	Work rounds	Work rounds	Work rounds
PM	Teaching rounds	Teaching rounds	Teaching rounds CARD GR.	Teaching rounds Cath conference	Teaching rounds

Shaded areas represent required work hours.

JEOPARDY: OK

VACATION: Up to 1 week OK.

DESCRIPTION: This elective is designed to provide residents with comprehensive exposure to consultative cardiology. Residents are responsible (with assigned Cardiology fellow) for the initial evaluation of inpatients whose physician has requested a cardiology consultation. Every afternoon, residents round with the entire consult team on all consult service patients. A wide variety of cases are seen by the Cardiology Consult Service, including pre- and post-operative patients with CV diseases, patients with a variety of cardiac dysrhythmias, patients with heart failure, CAD, cardiomyopathy, endocarditis and congenital heart disease. Residents can also participate in electrophysiology rounds three times per week, weekly ECG reading with ECG attending, outpatient experiences with the consult service attending or in the arrhythmia clinic, daily review of relevant noninvasive studies of consult service patients, and a variety of conferences in the Division of Cardiology. There is no call for this elective.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Assess the preoperative risk of cardiac patient undergoing non-cardiac surgery, and recommend specific procedures.
- Assess and treat post-operative cardiac arrhythmias.
- Have a good understanding of the role of non-invasive and invasive cardiac studies as they apply to a broad range of hospitalized patients, and recommend appropriate diagnostic and therapeutic interventions.

UCSF Medicine Residency Program Electives Listing

telephone calls on hospitalized poisoned patients, and see some poisoned patients who have been admitted at SFGH. The Clinical Toxicology Service is a function of the San Francisco Division of the California Poison Control System.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Describe the indications, advantages, and disadvantages of various gut decontamination measures, including syrup of ipecac, gastric lavage, activated charcoal, and whole bowel irrigation.
- Describe the clinical presentation and treatment of poisoning caused by a variety of agents.
- Describe various methods for enhanced elimination of poisons, including alkaline diuresis, hemodialysis, hemoperfusion, and repeated dose charcoal.
- Discuss the initial approach to differential diagnosis and management of coma, seizures, hypotension, and other complications of poisoning.
- Discuss the uses and adverse effects of a variety of antidotes.
- Construct a treatment plan for various toxic exposures.

Endocrine/Metabolism (3-Hospital)

Maximum # of Residents per month: No Limit

Dr. Ken Woeber
885-7574 tel; 885-7724 fax
Ken.woeber@ucsf.edu

KEY HALF-DAYS: Monday AM general endo at SFGH. Tues pm (general endocrine) Wed pm (diabetes) and Thurs pm (thyroid) afternoons at Parnassus, Thurs morning (general endocrine and diabetes) at SFGH. Friday morning (general endocrine and diabetes) at VAMC

Administrator: Svetlana Sogolova
353-9066 tel; 353-2337 fax; Box 1222
sogolova@medicine.ucsf.edu

Schedules vary. Sample:

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	General Endo SFGH	Lipids SFGH	Educational Lectures	General Endo SFGH	General Endo & Diabetes – VA
PM		General Endo UCSF	Diabetes UCSF	Thyroid Clinic UCSF	Endocrine conference VA

Shaded areas represent required work hours.

JEOPARDY: OK

VACATION: Up to 1 week OK.

DESCRIPTION: This rotation takes place in the outpatient setting and consists of seven half-days of clinic and various conferences. Each clinic is followed by a post-clinic conference. Wednesdays mornings are devoted to UC Endocrine Grand Rounds (Sept - May), Thyroid Pathology Conference, and Endocrine Review Course; Friday afternoons include an endocrine conference at VAMC. Clinics include Thyroid, Diabetes, Lipid and General Endocrine clinics. There is no call on this rotation.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Manage Type 1 and 2 diabetes and hyperlipidemias.
- Perform an outpatient endocrine consultation for diseases of the pituitary, pancreas, adrenal, thyroid, parathyroid, ovaries, and testes.
- Understand bone density testing and therapies for osteoporosis.
- Understand differential diagnosis of common endocrine disorders.

ADDITIONAL OPTION: Residents may elect to do the inpatient consulting service at any of the 3 hospitals to gain a deeper understanding and knowledge of endocrinology, metabolism, and diabetes. Time will be spent attending clinics and assisting with consults. There is no night or weekend call on this rotation. Residents who elect this rotation will work closely with the first-year Fellow and the attending faculty. This elective can be arranged by contacting the elective administrator or director.

Gastroenterology (Moffitt)

Maximum # of Residents per month: 1

KEY HALF-DAYS: Tues. PM /Weds AM/Fri. AM

Dr. Montgomery Bissell
476-2777 tel; 476-0659 fax; Box 0538
montgomery.bissell@ucsf.edu
Administrator: Sadie McFarlane
476-3143 tel; 476-0659 fax, Box 0538
Email: Sadie.McFarlane@ucsf.edu

UCSF Medicine Residency Program Electives Listing

Typical Schedule (can be tailored)

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Consult Rounds	Consult Rounds	GI Grand Rounds Clin Res Conf.	Consult Rounds	GI Clinic
PM	Transplant Conf. Tumor Board	Procedures/ Research	Transplant Selection/Liver Clinic	MZ IDB Clinic	Procedures/ Research

Shaded areas represent required work hours.

JEOPARDY: OK

VACATION: Up to 1 week OK.

DESCRIPTION: This rotation consists of two half-days of clinic (Liver and GI) and associated diagnostic or therapeutic procedures; flexible sigmoidoscopy can be learned and performed. The resident joins the inpatient GI consult service, taking consults along with two GI fellows, rounding with the team and presenting cases. Conferences include weekly GI Grand Rounds and Seminar Series (both on Wednesday morning), Clinical Research Conference alternating with Journal Club and LTU Tumor Conference (late Monday afternoon). The schedule can be tailored for the resident who is interested in a particular area of GI or in research. There is no call for this rotation.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will have learned:

- How to evaluate patients with a GI or liver problem, formulate a differential diagnosis and recommend management.
- The indications, risks and benefits of the commonly used GI procedures.
- The outpatient management of the common GI/hepatic disorders including reflux, dyspepsia, abdominal pain, diarrhea, abnormal liver function tests, viral hepatitis, liver masses and genetic liver diseases.
- The multidisciplinary approach to complex GI/liver disorders, including liver transplantation.
- GI/liver research through weekly conferences and/or a specific project.

Gastroenterology (SFGH)

Maximum # of Residents per month: 2

KEY HALF-DAYS: Mon. PM – Liver Clinic
Thurs. PM- General GI Clinic

Dr. John Cello
206-4767 tel; 354-3291 fax
3D-6 SFGH
John.cello@ucsf.edu

Administrator: Angel Manaois
206-4770 tel; 641-0745 fax; Box 0862
manaoisa@medsfgh.ucsf.edu

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	GI Rounds/ Procedures	GI Rounds/ Procedures	Lectures @ UCSF	GI Rounds/ Procedures	GI Rounds/ Procedures
PM	Medical-Surgical Conference/ Liver Clinic	Procedures/ Pathology Conference	Follow-up Clinic/ Radiology Conference	GI Clinic	Procedures

Shaded areas represent required work hours.

JEOPARDY: OK

VACATION: Up to 1 week OK.

DESCRIPTION: : This rotation consists of in-patient and out-patient consultations on patients with GI, liver, pancreatic and /or peritoneal diseases. All new patients are presented twice daily on formal rounds combining validation of physical findings, review of imaging and discussions of therapy and pathophysiology. Weekly Pathology, Medical-Surgical and Radiology conferences are held highlighting interesting findings from the past week. Weekly GI Journal Club and GI Grand Rounds are also held at Moffitt-Long Hospital

OVERALL STRUCTURE OF ELECTIVE BY HALF – DAY:

Monday: AM – Rounds/procedures PM – Liver Clinic
 Tuesday: AM – Rounds/procedures PM – Pathology slide review
 Wednesday: AM – Grand Rounds – UCSF PM – Follow up GI Clinic, Radiology
 Thursday: AM – Rounds/procedures , Medical-Surgical Conference PM – GI Clinic
 Friday: AM – Rounds/procedures PM – Procedures/rounds/final case review

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Conduct of pointed history and physical examination of patients with GI disorders
- Learn to recognize common Pathological features including: adenomas, carcinomas, etc.
- Understand the utility, risks, benefits, contraindications and diagnostic yields of endoscopic procedures.
- Recognize the principal findings of abdominal US, CT and MRI in patients with GI disorders.

UCSF Medicine Residency Program Electives Listing

Geriatrics (VAMC)

Not offered May, July, August, December, January

Bree.johnston@ucsf.edu

maximum # of Residents per month: 2

KEY HALF-DAYS: Mon. AM/Mon. PM/Wed. AM

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Core Curriculum Screening Conf.	Palliative Care & Geriatrics Consults	Grand Rounds and WIP	Palliative Care and Geriatrics Consults	Lakeside Clinic (Ocean Ave.)
PM	Pre-Clinic Conf. Geriatric Clinic @ VA	Palliative Care & Geriatrics Consults	Palliative Care and Geriatrics Consults.	Palliative Care and Geriatrics Consults	Directed reading

Shaded areas represent required work hours. Schedules will be individualized based on resident interests.

JEOPARDY: OK

VACATION: OK, works well as 2-week rotation.

DESCRIPTION: This elective gives the residents exposure to geriatric care in a variety of settings, including ambulatory care (VA and Lakeside Clinic), home care (VA), nursing home (VA and/or Jewish Home for the Aged), and inpatient consultations (VA). The schedule is flexible, and interested residents are encouraged to speak with us 1-2 months in advance so that we can tailor the elective to the interests and needs of the resident. Residents also have the option of taking the "palliative care" tract of this elective, which allows them 2-4 weeks of in-depth management of patients in the VA nursing home palliative care unit.

EDUCATIONAL OBJECTIVES: At the conclusion of this rotation, the resident will be able to:

- Administer and interpret common geriatric assessment instruments, including the MMSE, The Geriatric Depression Scale, the Tinetti Gait and Balance Scale, and the clock draw test.
- Perform an outpatient geriatric functional assessment screen and an inpatient geriatric consultation.
- Describe four specific ways that a patient evaluation should be modified for an elderly patient.
- Discuss at least four geriatric syndromes (i.e., dementia, delirium, falls, immobility, incontinence, polypharmacy).
- Work in interdisciplinary teams to provide care for patients, including having an understanding of the roles of various team members.

For residents electing to make palliative care part of the rotation, the following additional objectives will be added. At the conclusion of this rotation, the resident will be able to:

- Assess and establish goals of care for patients near the end of their lives.
- Assess and manage pain and non-pain symptoms for patients at the end of life.
- Communicate bad news to patients and families with compassion and understanding.
- Be able to work effectively on an interdisciplinary team in providing end of life care (including nursing, nutrition, social work, chaplain, psychology, recreation therapy, and others).

Global Health Elective-Uganda

Maximum # of residents per month: 2

(R2s/R3s only)

Dr. Madhavi Dandu

Pager 719-7507,

415-353-9336 tel; 502-1976 fax; Box 0119

dandum@medicine.ucsf.edu

Administrator: Joni Anderson

476-3373 tel, 502-1976 fax; Box 0119

JAnderson@medicine.ucsf.edu

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	ReachOut clinic- HIV care Gen Med. Clinic at Mulago	8:15-9:30AM Morning Report Gen Med Clinic Chest Clinic	Home visits with ReachOut clinic	Journal Club at Mulago Hospital Cardiology Clinic	8AM Cards Conf 9AM HIV Clinic Mulago
PM	Same as above	Grand Rounds 2PM Mulago	2PM Physical exam rounds Mulago	Cardiology Clinic	2PM Post Mortem Rounds

Shaded areas represent required work hours.

JEOPARDY: NO

VACATION: minimum rotation 4 weeks.

Language requirements-none

DESCRIPTION: Residents rotate in Uganda in clinical sites.

EDUCATIONAL OBJECTIVES:

- Gain clinical experience in the delivery of health care in a developing country.
- Increase awareness of the complicated barriers to health care in a resource poor environment.
- Enhance cultural sensitivity and a global health perspective.
- Refine history and physical exam skills in a technologically poor environment.
- Explore international health as a potential career interest.
- Develop mentoring relationships with UCSF faculty interested in international health.

Global Health Elective-China & Saipan

Maximum # of residents per month: 1
(R2s/R3s only)

Dr. Madhavi Dandu
415-353-9336 tel; 502-1976 fax; Box 0119
dandum@medicine.ucsf.edu
Administrator: Joni Anderson
476-3373 tel, 502-1976 fax; Box 0119
JAnderson@medicine.ucsf.edu

First 2 Weeks	Inpatient rotation on general medicine service-assigned to ward team, call q 4, some weekend work.
Second 2 Weeks	Inpatient rotation on subspecialty service-choose from heme/onc, rheum, pulm, cards, endocrine, renal, gi. Call q4, some weekend work.

Shaded areas represent required work hours. Please note this is a sample schedule. Clinical sites/rotations will vary based on resident preference and availability.

JEOPARDY: NO **VACATION:** minimum rotation 4 weeks.

Language requirements: none

DESCRIPTION: Residents rotate in Beijing and or Saipan in clinical sites.

EDUCATIONAL OBJECTIVES:

- Gain clinical experience in the delivery of health care in a developing country.
- Enhance cultural sensitivity and a global health perspective.
- Refine history and physical exam skills.
- Explore international health as a potential career interest.
- Develop mentoring relationships with UCSF faculty interested in international health.

Hematology (SFGH)

Maximum # of residents per month: 1
KEY HALF-DAYS: Mon. AM / Wed. PM / Thurs. PM

Dr. Brad Lewis
206-5682 tel; 476-8881 fax
blewis@php.ucsf.edu
Kelli Copeland
kcopeland@medicine.ucsf.edu

* not available in February

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Heme/Onc Conf 9:30-12N Sickle Cell Clinic	Consults	Consults		Heme/Onc Journal Club
PM	Consults	Consults	Hematology Clin SFGH	Consults 2PM Heme-Path Conf.	Consults

Shaded areas represent required work hours.

JEOPARDY: OK **VACATION:** Up to 1 week OK.

DESCRIPTION: Residents rotate on the inpatient consult service as well as attending Wednesday afternoon Hematology clinic and Monday AM Sickle cell Clinic. The consult service has an attending, two fellows, as well as occasional outside residents and UCSF students. Residents can expect to see a wide variety of hematologic problems, both benign and malignant. There is a significant exposure to sickle cell disease and other hemoglobinopathies both as urgent inpatient issues and chronic outpatient management. Disorders of coagulation seen on this service. Hematology clinic also provides the opportunity to learn to evaluate and manage both common and unusual causes of anemia. Residents will have the opportunity to evaluate blood smears and bone marrows and learn how to perform bone marrow aspirates and biopsies. Required conferences are: Monday 8am Heme-Onc held Thursdays at 1pm in conjunction with Lab Medicine.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Describe the pathophysiology, clinical presentation and natural history as well as treatment of a variety of hematological disorders, both in the inpatient and outpatient setting.
- Be able to review a peripheral smear and generate a diagnosis based on the findings. Be able to differentiate between normal and abnormal findings on a bone marrow, and generate a differential diagnosis based on those findings.
- Understand the workup of bleeding disorders, hypercoagulable states and have a working knowledge of appropriate transfusion practices.

Hematology- Medical Oncology (Moffitt –Long)

Maximum # per month: 1 may allow 2 for certain months

Dr. Emily Bergsland
353-7139 tel; 353-9959 fax; Box 1705
emilyb@medicine.ucsf.edu

KEY HALF DAYS: N/A

CAN THIS ELECTIVE BE STRUCTURED BY HALF DAY?

No

Dr. Patrick Fogarty
476-9608 tel; 476-0624 fax

Administrator: Kelli Copeland
kcopeland@medicine.ucsf.edu
885-7276 tel; 353-9615 fax

DESCRIPTION OF ELECTIVE: Residents evaluate patients on the wards in Moffitt-Long Hospital and participate in daily attending rounds, conferences and seminars. They write notes of initial consultation and daily progress notes. This elective emphasizes patients with blood coagulation disorders, anemia, hematologic malignancies, and solid organ cancers. **NOTE:** Residents may elect to work exclusively on either Hematology or Oncology cases if requested in advance and approved by the consult service attendings.

LEARNING OBJECTIVES:

1. To learn the pathophysiology, diagnosis, natural history, and complications of a wide range of hematologic diseases including but not limited to the following: leukemia, lymphoma,, bleeding disorders, clotting disorders, anemias, thrombocytopenias, and bone marrow failure symptoms.
2. To learn the pathophysiology, diagnosis, natural history, and complications of cancer, including bu not limited to the following: breast cancer, gastrointestinal malignancies, lung cancer, genitourinary malignancies, sarcomas, brain cancer,and neuroendocrine tumors.
3. To learn how to review a peripheral blood smear and to recognize the normal hematologic elements of a bone marrow aspirate smear and clot and (if applicable) generate a differential diagnosis based on the abnormal morphology noted.
4. To learn the basic elements of oncologic supportive care, including pain control and management of cancer – or treatment – related complications (e.g. cytopenias, febrile neutropenia, hypercalcemia, cord compression, and tumore lysis syndrome)
5. To develop a basic understanding of the treatment modalities used to treat hematopoietic malignancies and solid tumors (including chemotherapy, radiation, surgery and biologically-based therapies)

IS JEOPARDY ALLOWED: Yes

Number of Weeks of Vacation Allowed During Rotation: 1

Will the Elective Accept Interns: Yes

Overall Structure of Elective, by Half-Day: Consults AM/PM, Attending Rounds PM, Clinical Conference Mon at 8AM, Journal Club Fri at 8AM, Optional Fellows Didactics Mon, Wed, Fri at 7:15AM.

Hematology/Oncology (VAMC)

Maximum # per month: 1

Dr. Emily Bergsland
353-7139 tel; 353-7150 fax; Box 1705
emilyb@medicine.ucsf.edu

Administrator: Kelli Copeland
kcopeland@medicine.ucsf.edu
885-7276 tel; 353-9615 fax

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	8-9 AM Clin Conf UCSF	7:30-8:30 AM Tumor Board 8:30 Clin Conf 9-12N Clinic	8:30AM Clin Conf 9-12N Clinic	8:30AM Clin Conf 9-12N Clinic	8-9AM Journal Club UCSF
PM		1:30-2:30 Morphology Rounds	2-3PM Social Service/Nursing Review Rounds	1:30-2:30PM Chest Multidisciplinary Conf	2:30-3:30PM Pathology review

JEOPARDY: OK

VACATION: 1 week OK (if no jeopardy or 2 month block)

DESCRIPTION: This elective includes inpatient consultations, outpatient clinics and conferences. It is designed to provide the resident with exposure to “real world” hematology/oncology. The resident will be responsible (working with the assigned fellow) for the initial evaluation of inpatients whose physician has requested a consultation; this may include a wide variety of both benign and malignant hematology and general oncology cases. There will be rounds on the inpatients with the fellow and attending on a daily basis; these rounds may include review of pertinent peripheral smears and/or anatomic pathology slides. The resident will participate in some of the outpatient clinics. In either or both of these venues, the resident will have the opportunity to perform needed bone marrow aspirations and biopsies, the resident may participate in obtaining consent and writing the chemotherapy orders and the resident is likely to have the opportunity to enhance his/her appreciation for establishing and managing end of life care. The conferences (also attended by the fellow and attending) include a clinical conference and journal club at UCSF, clinic conferences prior to the start of each morning clinic, morphology rounds (bone marrows of the previous week, interesting peripheral smears and unknown slides are reviewed), a general tumor board, a chest multidisciplinary conference, and an anatomic pathology conference. There is no overnight call for this elective.

EDUCATIONAL OBJECTIVES: At the conclusion of this elective, the resident should have developed:

- An appreciation for the outpatient management of the most common malignancies.
- An understanding of the evaluation of common hematologic problems.
- Skill for minimal competence in posterior iliac bone marrow aspiration and biopsy.
- An increased knowledge of the principles and practice of chemotherapy.
- The ability to review a peripheral smear and to recognize the normal bone marrow elements.
- Some competence as a consultant able to formulate a differential diagnosis and recommend an evaluation and treatment strategy.

HIV Outpatient (UCSF/SFGH)

Maximum # of Residents per month: 1

In December, only a 2-week rotation is available.

No residents December 15- 31st

KEY HALF-DAYS: Tues, Weds, & Thurs AM/ Mon thru Thurs PM

Will the elective accept interns: Yes

SFGH Chief Medical Residents

Damon Francis

Reena Gupta

206-8322

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Academic Time	CPMC Clinic (Rick Loftus) 8:00-12:00	HIV Grand Rounds, Carr Auditorium 8:00-9:00 Ward 86 Urgent Care, SFGH (Dan Wlodarczyk) 9:00-12:00	Men of Color Clinic, PHP (Malcolm John) 8:30-12:00	Academic Time
PM	PHP Clinic (Coffey/Machtiger) 1:00-5:00	CPMC Clinic (Rick Loftus) 12:30-5:00	East Bay AIDS Center (Steve O'Brien) 1:15-5:00	CPMC Clinic (Rick Loftus) 12:30-5:00	Resident Half-Day Curriculum

This sample grid is not including continuity clinics.

JEOPARDY: OK

VACATION: Up to 2 weeks OK (works well as 2-week rotation).

DESCRIPTION: This rotation will provide house officers with the opportunity to broaden their understanding of the complex issues and diseases affecting patients infected with HIV in the outpatient setting. This elective will allow the resident to interact with attendings that specialize in the care of HIV-infected patients, both in a traditional academic setting and in community-based clinics. There is an emphasis on learning and teaching. Your primary resource for this rotation will be your attendings and the HIV InSite Knowledge Base which can be found at <http://hivinsite.ucsf.edu/InSite?page=KB>. Lectures will be arranged between the preceptor and the residents, either at the start or end of the clinic session. The residents will also be expected to attend HIV Grand Rounds, which will be held on Wednesday mornings at 8am in Carr Auditorium on the SFGH campus.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Perform a thorough history and physical exam of a patient living with HIV or AIDS that emphasizes pertinent positives and negatives and demonstrates superior knowledge of common problems in this population.
- Describe the epidemiology, presenting symptoms, diagnostic evaluation, general prognosis, and treatment options for common AIDS related outpatient problems.

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- Be able to initiate antiretroviral therapy (chemotherapy) for the antiretroviral naïve patient. Become aware of the appropriate resources for referring a patient for salvage chemotherapy.
- Understand the dynamic concepts of antiretroviral resistance.
- Develop an understanding of psychosocial and psychiatric issues that are relevant to people living with HIV and AIDS and learn appropriate sources for information and referral.
- Describe the common HIV-associated central nervous system, pulmonary, gastrointestinal, and neoplastic complications and their diagnosis and treatment.

HIV/AIDS Consult (SFGH)

Maximum # of Residents per month: 1

Dr. Monica Gandhi

502-6285

monica.gandhi@ucsf.edu

KEY HALF-DAYS: Wed AM

Will the elective accept interns: Yes

Availability for this elective may be limited; pre-approval required from the course director prior to enrollment. Residents will rotate on the HIV/AIDS inpatient consult service at SFGH.

UCSF Infectious Diseases (Moffitt-Long and SFGH)

Maximum # of Residents per month: 4

Dr. Brian Schwartz

476-5767 tel; 476-9364 fax;

brian.schwartz@ucsf.edu

KEY HALF-DAYS:

Tuesday AM – Tri-Hospital conference

Tuesday/Thursday PM – Fellows clinic

Administrator UCSF:

Lan Pham

502-1811 tel., 476-9364 fax;

lan.pham@ucsf.edu

Administrator SFGH:

Aida Maluto

206-8189 tel; 648-8425 fax;

amaluto@medsfgh.ucsf.edu

Moffitt-Long: General ID service							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
A M	Consults	ID grand rounds (8-9)	Consults	Consults	ID lecture series (8-9) Consults	<i>Weekend call optional</i>	
P M	Attending rounds (1-2:30)	Attending* rounds (1-2:30)	M&M Micro Rounds (1-2:00) Attend rounds (2-3:30)	Attending* Rounds (1-2:30)	Attending rounds (1-2:30)		

Moffitt-Long: Immunocompromised host ID service							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
A M	Attending rounds (11-12:30)	ID grand rounds (8-9) Attending Rounds (11-12:30)	Attending rounds (11-12:30)	Consults	ID lecture series (8-9) Attending rounds (11-12:30)	<i>Weekend call optional</i>	
P M	Consults	Consults*	M&M Micro Rounds (1-2:00) Consults	Attending* Rounds (1-2:30)	Consults		

UCSF Medicine Residency Program Electives Listing

SFGH: ID consult service							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
A M	Consults	ID grand rounds (8-9)	PHP/AIDS Grand Rounds Consults	Consults Micro Rounds (11-12:00)	ID lecture series (8-9) Consults	<i>Occasional weekend coverage required[#]</i>	
P M	Attending rounds (1-2:30)	Attending* rounds (1-2:30)	M&M Attend rounds (1-2:30) Infection Control (q3rd Wed)	Attending* Rounds (1-2:30)	SFGH ID conf qmonth Attending rounds (1-2:30)		

* Fellows attend a clinic at the VA on Tuesday or Thursday afternoon from 1:00 pm to 5:30pm. [#]Weekend responsibilities include 1 weekend of coverage with ID attending. Takes about 2-4 hours 1-2 days for the weekend. Shaded areas represent required work hours.

JEOPARDY: OK

VACATION: Up to 1 week OK but only one resident can be on vacation per week

CAN THIS ELECTIVE BE STRUCTURED BY HALF-DAY? No, but we can accommodate half-days away. We do it for fellows who have their clinics on Tuesday and Thursday afternoons.

DESCRIPTION: This combined Moffitt-Long and SFGH elective provides a great opportunity for residents to explore the many facets of inpatient infectious diseases. On this rotation residents will spend 2 weeks on either of the ID consultation services at Moffitt-Long (Immunocompromised host ID service or General ID service) and 2 weeks on the ID consultation service at SFGH. Residents will be responsible for initial consultation and follow-up of patients as assigned by the ID fellow. In addition to daily rounds, residents attend 1-2 conferences per week.

At Moffitt-Long residents will have the opportunity to rotate on either the immunocompromised host ID consult service or the General ID consult service. The immunocompromised host service assist in the care of a complex group of solid organ transplant patients, hematopoietic stem cell transplant patients, as well as others immunocompromised by chemotherapy, immunosuppressive agents, and HIV. The general ID consult service sees a wide array of patients on many services including medicine, general surgery, neurosurgery, orthopedics, and OB-GYN. The consult service at SFGH provides care to a diverse patient population and allows residents daily hands-on exposure to the microbiology lab.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Recognize the presence of infection in outpatient and hospitalized patients, including geriatric populations and immunocompromised hosts.
- Perform a complete infectious disease consultative history and physical.
- Construct a differential diagnosis and design a diagnostic evaluation in patients with infections.
- Understand the natural history of infection, how it is altered by therapy, and how to monitor response to therapy
- Understand how the spectrum of infecting pathogens and clinical manifestations of infection can differ in the immunocompromised host versus the immunocompetent host
 - Interpret and apply results of clinical microbiology tests to diagnosis and treatment of infectious diseases
- Gain knowledge of pharmacokinetics, mechanisms of action, basis of resistance for antimicrobial agents as well as drug costs, interactions, and strategies for optimizing patient adherence.
- Manage antibiotics, including through the administration of antimicrobial and biological products via all routes and through the proper selection of agents so as to maximize therapeutic efficacy, minimize costs, and mitigate the emergence of antimicrobial resistance.

Interdisciplinary Care of Homeless and Marginally Housed Populations

Maximum # of residents per month: 1

Dr. Sharad Jain and Dr. Joseph Pace
sharad.jain@ucsf.edu; 206-4987
Joseph.Pace@sfdph.org; 353-5093

KEY HALF-DAYS: Will be based on resident's continuity clinic schedule.

TENTATIVE SCHEDULE (to be determined with resident prior to rotation):

UCSF Medicine Residency Program Electives Listing

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Cont clinic	Academic time	HUH Clinic	Homeless vet clinic	
PM	Cont clinic	Homeless van	Outreach	Other clinical activities (based on resident preferences)	Didactics
Eve		Med student homeless clinic			

Shaded areas represent required work hours.

JEOPARDY: OK

VACATION: Up to 1 week OK.

DESCRIPTION: This one-month outpatient elective rotation will expose medicine residents to models of care that address the unique challenges of serving the needs of urban, underserved populations, including those who are chronically homeless, marginally housed, or formerly homeless (and now living in supportive housing). These individuals often contend with chronic medical conditions, drug and alcohol use, mental health disorders, lack of consistent primary care, unstable housing, and a paucity of social supports. Traditional models of care have historically been under-equipped to respond to these multiple levels of need.

EDUCATIONAL OBJECTIVES: At the end of the rotation, the resident will have gained competency in the following areas:

- Understanding the complex interaction between chronic medical and mental illness, substance use and poverty
- Describing medical conditions common in homeless and underserved populations
- Employing a patient-centered, nonjudgmental, harm reduction approach to eliciting individual goals of care and motivating change
- Working within an interdisciplinary team to assess an individual's immediate and long term needs, develop treatment goals and engage the person in longitudinal care
- Awareness of the community and institutional resources available to address an individual's complex needs, including intensive case management, medication adherence support, needle exchange, money management, day treatment programs, in-home support and entitlement advocacy
- Knowledge of the principles and design of supportive housing programs for chronically homeless individuals
- Recognizing the role that these care and support programs play in the continuum of the broader public health delivery system

COURSE STRUCTURE: Residents will spend six half days a week for 3-4 weeks (depending on vacation schedule) participating in the following activities:

- ½ day/week providing care, outreach, and linkage to services to individuals through the homeless van
- 1 evening/week supervising UCSF medical students at the student-run homeless clinic
- ½ day/week at the DPH Housing and Urban Health (HUH) Clinic providing urgent care services and/or observing primary care visits with individuals in supportive housing
- ½ to 1 day/week providing medical care at the homeless veterans clinic
- ½ day/week going out on outreach visits to supportive housing hotels with nurse practitioners and social workers from the Behavioral Health Roving Team
- ½ day attending each of the following activities: Behavioral Health Roving Team Clinical Case Conference, Needle Exchange, and the Action Point medication adherence program
- Other opportunities will be available to observe psychiatric evaluations of clients in supportive housing, to visit and provide care to clients at the medical respite center, and to participate in other experiences based on the learners interests

DIDACTICS: Elective participants will receive a syllabus of readings relevant to the issues and experiences of the rotation that will form the basis of discussions with the course preceptor(s).

Intensive Care (SFGH)

Maximum # of Residents per month: 1

Dr. Julin F. Tang

206-8927 tel; 206-6014 fax; Box SFGH 3C38

tangj@anesthesia.ucsf.edu

Administrator: Gus Pangan

206-5274 tel, 206-3617 fax; Box SFGH 3C38

pangang@anesthesia.ucsf.edu

UCSF Medicine Residency Program Electives Listing

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
A							
M							
P							
M							

Shaded areas represent required work hours. There is night call responsibility on this rotation.

JEOPARDY: Not allowed.

VACATION: No Vacation

DESCRIPTION: The rotation has been designed for more advanced residency level (R3) who will be expected to cover the demands of a level 1 Trauma ICU requiring a minimum of 3 in-house on-call nights each rotation. Residents may elect a minimum of 4 weeks and a maximum of 6 weeks on the UCSF/SFGH ICU. The SFGH Surgical ICU is an open unit dedicated solely to the care of Trauma, surgical and neurosurgical intensive care patients. The current ICU team is comprised of 12 full time UCSF faculty from the Division of Anesthesia (Drs. Carlisle, Pittet, Tang, & Lin), Division of Surgery (Drs. Campbell, Cohen, Dicker, Hill, Horn, & Mackersie), and the Division of Neurology (Drs. Singh & Hemphill). Faculty attendings are assigned call responsibilities on a weekly basis. A UCSF fellow is assigned each month to help lead the service. There are 2 anesthesia residents and 1 surgery resident assigned to the ICU each month and 1 on-call officer is assigned each night. An average of 2 students enrolls each month in this elective course. All rotating staff (including supervised UCSF students, UCSF Nurse Practitioners, visiting students, and other rotating clinicians from other services), are required a minimum of 3 on call nights. The house staff conducts daily radiology rounds, bedside rounds, and formal didactic presentations/lectures on core topics in intensive care. Residents and students are encouraged to make presentations. On a monthly basis, the fellow is expected to conduct a Morbidity and Mortality conference. At the end of each rotation, each resident, each student, and the fellow undertake an exit interview/evaluation conducted by the Director. Due to the increasing activities in this rotation combined with the heightened restriction in regulatory duty hours expected in residency programs, non-ICU activities (i.e. clinics, morbidity & mortality conferences, grand rounds) are strongly discouraged during this rotation in order to optimize the learning experience the rotation has to offer.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will have learned the:

- Institution, maintenance and weaning from mechanical ventilation.
- Emergency airway management of the critically ill.
- Hemodynamic monitoring (indications, techniques for line insertion and data interpretation).
- Management of sedation and analgesia in the critically ill.
- Management of neuromuscular blockade in the critically ill.
- Management of the patient with the adult respiratory distress syndrome.
- Management of the critically ill trauma patient.
- Management of the patient with traumatic brain injury.

Intensive Care (9-ICU)

Maximum # of residents per month:
1 elective (this is on top of the 2 we already get)

KEY HALF-DAYS:

Director: Linda Liu
353-1116 tel; 353-1990 fax
liul@anesthesia.ucsf.edu

Administrator: Cheryl Lew
353-1116 tel; 353-1990 fax
lew@anesthesia.ucsf.edu

CAN THIS ELECTIVE BE STRUCTURED BY HALF-DAY?: No

OVERALL STRUCTURE OF ELECTIVE, BY HALF-DAY: morning rounds, patient care in the afternoons

JEOPARDY: No **VACATION:** none

DESCRIPTION: Residents on the ICU service learn to provide critical care for patients with a variety of medical and surgical issues involving: acute respiratory failure, ARDS, sepsis, cardiac dysfunction, renal failure, and neurologic disorders. Residents become familiar with techniques of hemodynamic monitoring and ventilatory management of critically ill patients, and become consultants in the care of patients with multisystem organ failure.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Describe the indications and techniques for invasive monitoring of the critically ill patient.
- Assess and appraise a critically ill patient for respiratory failure and need for airway management.
- Differentiate the drugs used for patient sedation and analgesia in the ICU.
- Develop a treatment plan for the patient with multi-organ system failure.

Nephrology (Moffitt-Long)

Maximum # of residents per month: 2

KEY HALF-DAYS:

Mon PM (nephrology clinic, ACC Building, 5th floor)
Tue AM (fellows lecture series)
Wed AM (case conference and renal grand rounds)
Fri PM (nephrology clinic, ACC Building, 5th floor)

Dr. Kerry Cho
476-2172 tel; 476-3381 fax; Box 0532
443-7601 pager
kerry.cho@ucsf.edu

Administrator:
Jessica Serbus 476-1812
jserbus@medicine.ucsf.edu

Schedule:

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Inpatient Rounds	Fellow's lecture series Inpatient rounds	Case Conf. and Renal Grand Rounds Inpatient rounds	Inpatient rounds	Inpatient rounds
PM	Nephrology Clinic ACC bldg. Renal pathology conf (M557) or case conf (C449) at 5pm	Inpatient Rounds	Nephrology Clinic ACC bldg, 5 th floor	Inpatient Rounds Renal Research Conf and Journal club 4:30PM (C449)	Nephrology Clinic ACC bldg, 5 th floor

Shaded areas represent required work hours.

JEOPARDY: Allowed for month-long elective, discouraged for a two-week rotation – I think jeopardy should be discouraged for all 2 – week electives.

VACATION: Allowed for month-long electives, not allowed for 2-week electives.

DESCRIPTION: This rotation provides a comprehensive exposure to outpatient and inpatient Nephrology. The resident is encouraged to attend two half-day Nephrology clinics per week. Other duties include seeing inpatient consults and participating in inpatient rounds. Nephrology case conference (7:30 AM Wednesdays in Room N729, 5:00PM 2nd Monday of each month, Room C449), Nephrology Grand Rounds (8:00 – 9:00 AM Wednesdays, Room N729), renal pathology rounds (5:00PM Mondays, Room M557), and the weekly fellows core curriculum conference (7:45 AM Tuesdays, C449). Other possible experiences include: kidney transplant clinic, transplant

UCSF Medicine Residency Program Electives Listing

inpatient rounds, and outpatient hemodialysis rounds; these possibilities should be discussed with Kerry Cho prior to the rotation. There is no call for this elective.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Perform complete nephrology consultations (including history and physical examination, microscopic urine sediment examination, differential diagnosis, diagnostic evaluation, treatment, indications for dialysis).
- Understand the evaluation, differential diagnosis, and management of acute kidney injury, chronic kidney disease, hematuria/glomerulonephritis, proteinuria/nephritic syndrome, and other kidney diseases.
- Understand the different forms of renal replacement therapy including peritoneal dialysis, hemodialysis, and continuous renal replacement therapy.
- Manage patients with acute or chronic renal failure, including management of anemia, renal osteodystrophy, vascular access, and hypertension.

Nephrology (SFGH)

Maximum # of residents per month: 2

KEY HALF-DAYS: Tues. PM / Thurs. AM / Fri. AM

Dr. Anitha Toke

502-3832 tel; 282-8182 fax

anitha.toke@ucsf.edu

Administrator: Jep Poon

476-4617 tel

jpoon@medsfgh.ucsf.edu

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Inpatient Rounds	7:30 Core Renal Lecture	Renal Grand Rounds	12:30 Case Conference	Clin. Case Conference Renal Clinic
PM	Journal club/Pathology Conference	CKD Clinic	Inpatient Rounds	Inpatient Rounds	Inpatient Rounds

Shaded areas represent required work hours.

JEOPARDY: OK

VACATION: Up to 2 weeks OK.

DESCRIPTION: This rotation provides a comprehensive exposure to outpatient and inpatient nephrology. The resident is expected to attend at least two half-day renal clinics a week. Other duties include seeing inpatient consults and participating in inpatient rounds, clinical case conference, renal grand rounds, and the weekly renal pathophysiology course. Those interested may also attend transplant renal clinic, transplant inpatient rounds, and/or outpatient hemodialysis experience with Dr. Toke. There is no call for this elective. Renal biopsies and dialysis catheter placements are performed regularly on inpatient service and resident can assist with the procedures.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Perform complete renal evaluations (including the urinalysis, differential diagnosis, indications for dialysis, treatment) of patients with acute renal failure, and glomerular diseases.
- Perform inpatient and outpatient evaluations of patients with hematuria, proteinuria, and other renal diseases.
- Discuss the different forms and indications for peritoneal dialysis, hemodialysis, transplantation, and CVVH.
- Manage patients with acute or chronic renal failure, including management of anemia, renal osteodystrophy, vascular access, and hypertension.

Neurology-Outpatient (Moffitt-Long)

Maximum # of residents per month: 1

KEY HALF-DAYS: Tues. AM / Tues. PM / Thurs. PM

MINIMUM ATTENDANCE: 8 OF 10 HALF-DAYS/WK

Dr. John Engstrom

476-1489 tel; 476-3428 fax; Box 0114

private practice phone 353-2273

engstromj@neurology.ucsf.edu

Administrator: Diana Juan

353-7396 tel; Box 0348

Diana.juan@ucsfmedctr.org

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Movement (MVMT)*	Peripheral Nerve (PRNF)*	Movement (MVMT)*	Memory Disorders*	General
PM	General	Epilepsy*	General	Stroke (CVA)*	General

*denotes subspecialty clinics - - 12/01. Shaded areas represent required work hours.

JEOPARDY: NOT ALLOWED

VACATION: NOT ALLOWED

DESCRIPTION: This rotation takes place in the outpatient setting and consists of five full days of clinics (available clinics include general neurology, stroke, peripheral nerve, epilepsy and memory disorders). Conferences include grand rounds and clinic conference as well as weekly spine/nerve and epilepsy conferences. There is no call for this rotation. Residents should contact Diana Juan at least three months prior to the elective to set up their specific schedule.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Perform and interpret a detailed neurologic examination.
- Describe the presenting features, diagnosis, and treatment of common outpatient neurologic conditions, including abnormal speech, abnormal vision, altered sensation, disturbed gait and coordination, dizziness/vertigo, headaches, loss of consciousness, localized pain syndromes, seizures, memory impairment, tremor, and weakness/paresis.

**Neurology Consultation
(Moffitt/Long)**

Maximum # of residents per month: 1

Dr. John Engstrom
476-1489 tel; Private practice phone 353-2273
Box 0114
engstromj@neurology.ucsf.edu
Administrator: Carol Piunti
476-1489 tel. 476- 3428 fax
Carol.Piunti@ucsf.edu

KEY HALF-DAYS: Tues. AM / Tues. PM / Thurs. PM

	Monday	Tuesday	Wednesday	Thursday	Friday
AM					
PM					

Shaded areas represent required work hours.

JEOPARDY: NOT ALLOWED **VACATION:** NOT ALLOWED

DESCRIPTION: This rotation takes place in the inpatient setting and consists of providing consults to patients at Moffitt/Long hospital. Conferences include the attending rounds, morning report, Wednesday clinical conferences and grand rounds. There is no call for this rotation.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Perform and interpret a detailed neurologic examination.
- Describe the presenting features, diagnosis, and treatment of common neurologic disorders encountered in the inpatient setting, including: Abnormal speech, abnormal vision, altered sensation, confusion, disturbed gait and coordination, dizziness/vertigo, loss of consciousness, memory impairment, seizures, and weakness/paralysis.

Neurology Consultation (SFGH)

Maximum # of residents per month: 1

Dr. Cheryl Jay
206-3215 tel; 476-5582 fax; Box 0870
cjay@sfgh.ucsf.edu
Administrator: Oscar Guadron
206-3207 tel; 476-5582 fax; Box 0137
ogquadron@sfgh.ucsf.edu

	Monday	Tuesday	Wednesday	Thursday	Friday
AM			New patient clinic*		New patient clinic*
PM	LP Clinic*		1:30 Neuro-Imaging Conference		

Shaded areas represent required work hours. *for reference only; NOT required if continuity clinics or other responsibilities are in conflict

JEOPARDY: NOT ALLOWED **VACATION:** NOT ALLOWED

DESCRIPTION: This rotation takes place in the inpatient setting and consists of providing consults to patients at SFGH. Conferences include attending rounds, morning report, EEG and neuroimaging conferences, and grand rounds. There is no call for this rotation.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Perform and interpret a detailed neurologic examination.
- Describe the presenting features, diagnosis, and treatment of common neurologic disorders encountered in the inpatient setting, including: abnormal speech, abnormal vision, altered sensation, confusion, disturbed gait and coordination, dizziness/vertigo, loss of consciousness, memory impairment, seizures, and weakness/paralysis.

**Oncology Outpatient -- UCSF-Mt. Zion
Cancer Center**

Dr. Emily Bergsland
353-7139 tel; 353-7150 fax; Box 1705
emilyb@medicine.ucsf.edu

Administrator: Kelli Copeland
kcopeland@medicine.ucsf.edu
885-7276 tel; 353-9615 fax

UCSF Medicine Residency Program Electives Listing

Maximum # of residents per month: 1

See below for additional info.

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	GI, GU, Breast, Thoracic, General and CNS Oncology				
PM					

Schedules will be crafted based on availability and resident preference.

JEOPARDY: not allowed

VACATION: Up to 1 week OK.

DESCRIPTION: The overall objective of this rotation is to provide exposure to a variety of outpatient oncology patients. At the end of the rotation, the resident should be able to perform a thorough history and physical of an oncology patient, assimilate clinical, radiologic and pathologic data and develop an initial and/or ongoing treatment plan.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Describe the epidemiology, presenting symptoms, diagnostic evaluation, general prognosis, and treatment options for common cancers.
- Effectively interact with the entire oncology treatment group; including surgery, radiation oncology, hospice and social work.
- Develop the ability to discuss and initiate palliative care, including hospice care, DNR status, and acute/chronic symptom management.

Oncology Research -- UCSF-Mt. Zion

Cancer Center

2 or 3 month rotation optimal

Maximum # of residents per month: 1

Requires advanced permission of the elective director

Dr. Emily Bergsland

emilyb@medicine.ucsf.edu

353-7139 tel; 353-7150 fax; Box 105

Administrator:

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	TBD	TBD	GU Oncology	TBD	GU Oncology
PM	TBD	TBD	Continuity Clinic	TBD	TBD

Shaded areas represent required work hours.

JEOPARDY: Preferably not for 1 mo elective. Yes for 2-3 mo **VACATION:** No for 1 mo elective. Yes for 2-3 mo elective

DESCRIPTION: This elective will allow a resident to work closely with a faculty member in order to plan and execute a research effort. The options include a clinical or laboratory project and will take into consideration resident interests and experience and the faculty member's area of expertise. Advanced planning is required so that a project that can be accomplished in the limited time available. The GU group has had the most productive research interactions with residents in the past, but projects could be developed in one of the other major settings such as thoracic, GI, Breast Oncology. Residents may either contact a prospective mentor first or the elective director if they require assistance in coordinating this elective. Permission of a faculty mentor is required before starting this elective. Each resident's schedule will include one to two clinics per week in the field of interest to accompany the time spent in research. The resident along with the selected faculty mentor will devise a plan for the research, which should include regular meetings with the mentor or research team. Much of the time will be self-directed.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Understand the need for appropriate approvals required before initiating research.
- Develop a hypothesis to be tested based on possible research questions posed by the faculty mentor.
- Discuss possible approaches to testing the hypothesis.
- Devise, with the help of the faculty mentor, a research plan.
- Develop basic skills in research methods appropriate to the selected project.
- Present your research findings, either to the research team or mentor, or more formally when the opportunity exists.

Palliative Care Service (Moffitt-Long)

Maximum # of Residents per month: 1

KEY HALF-DAYS: none, very flexible

Elective can be 2 weeks or 1 month

Dr. Meredith Heller

Tel: 415-885-3723, Box 1945

Meredith.heller@ucsfmedctr.org

Administrator: Emily Philipps (502-6861)

ephilipps@medicine.ucsf.edu

UCSF Medicine Residency Program Electives Listing

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Palliative Care Service Rounds	Palliative Care Service Rounds	Palliative Care Service Rounds	Palliative Care Service Rounds	Palliative Care Service Rounds
PM	Consults/Site Visits	Biweekly Palliative Care Service Team Mtg 1:30-3:30 PM	Consults/Site Visits	Consults/Site Visits	Consults/Site Visits

Shaded areas represent required work hours.

JEOPARDY: ok

VACATION: up to 1 week ok

DESCRIPTION: During your rotation with the PCS, you will have the opportunity to care for patients with serious and life-threatening illness. You will serve as a part of the palliative care team made up of an attending physician, nurses, pharmacist, chaplain and social worker. The elective is structured to provide exposure to palliative care in many settings, but is focused on acute, inpatient palliative care. In addition to rounding daily with the PCS, you will have the opportunity to see hospice patients at home and visit inpatient hospice units. Residents will round with the Palliative Care Service, see initial and follow-up consultations, will attend Palliative Care Service interdisciplinary team meetings, discuss cases and management issues with Consult Attending physician, visit other important sites of palliative care including Laguna Honda Hospital Hospice Unit, Palo Alto VA Medical Center Inpatient Hospice Unit, Coming Home Hospice, George Mark Children's House and Bruns House. Residents will also have an opportunity to complete a project if they wish.

EDUCATIONAL OBJECTIVES:

- Describe management of pain and other distressing symptoms including dyspnea, rattle, nausea, malignant bowel obstruction, agitation, depression, anxiety, and constipation in patients with serious, chronic and terminal illness.
- Demonstrate how to conduct an effective family meeting.
- Demonstrate how to communicate effectively and empathically with patients regarding advance directives and advance care planning.
- Describe how hospice, home care and inpatient palliative care interface to best serve patients with serious, chronic and terminal illness.
- Understand emotional, spiritual and cultural issues in the approach to patients with serious, chronic and terminal illness.

Procedure Elective (Mount Zion)

Maximum # of Residents per month: 1

Dr. Jeanne LaBerge
jeanne.laberge@radiology.ucsf.edu
 Administrator: Kimberly Morrell
 353-1300

KEY HALF –DAYS: Mon. PM/ Tues. PM/ Wed. AM/ Thurs. AM & PM/ Fri. AM

Vacation : Ok, up to one week

FIRST DAY: please report to Moffitt IR Reading Room 361, at 7:45 am for orientation

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	IR Suite	IR Suite	IR Suite	IR Suite	IR Suite
PM	IR Suite	IR Suite	IR Suite	IR Suite	IR Suite

Shaded areas represent required work hours.

DESCRIPTION: This rotation is based at Mount Zion in Interventional Radiology. Residents will join the IR team for a one-month period receiving close supervision and teaching in a variety of procedures including placement of many different types of central lines, ultrasound-guided thoracentesis, paracentesis, PICC line placement and other IR procedures such as percutaneous biopsy and abscess drainage. Residents will participate in the care and management of IR patients and in the evaluation of the appropriateness of IR procedures.

There is no call for this rotation.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Place central lines.
- Perform and supervise thoracentesis, paracentesis
- Use ultrasound guidance for IJ catheter placement
- Place PICC lines

Pulmonary Consult Rotation (Moffitt-Long)

Maximum # of residents: 2

Dr. Lorriana Leard, MD,
476-8287 tel; 476-5712 fax
Lorriana.leard@ucsf.edu

Administrator: Patrick Manalantas
476-6926 tel; 476-5712 fax
patrick.manalantas@ucsf.edu

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Rounds	8:00-9:00 AM Pulmonary Grand Rounds			8:00-9:30 AM Pulmonary Physiology Conference
PM		4:30-5:30 PM Tri-Hospital Case Conference			2:30-4:30 Interstitial Lung Disease Conference

Shaded areas represent required work hours.

JEOPARDY: OK

VACATION: Up to 2 weeks OK.

DESCRIPTION: The Pulmonary Consult Service at Moffitt-Long Hospital is a dynamic consult service, designed to introduce medicine residents to the evaluation and management of patients with a variety of pulmonary diseases. Residents will learn how to perform a detailed pulmonary history and physical examination, to interpret pulmonary function tests, to interpret chest imaging, and to understand the indications for performing bronchoscopic procedures (including bronchoalveolar lavage as well as transbronchial and Wang needle biopsies.) The service usually consists of the pulmonary attending, one pulmonary fellow, medical resident(s), and often a medical student. Residents perform initial consultations and follow patients on the service. Residents are invited to attend and sometimes participate in the performance of all procedures (ie. Bronchoscopies, pleurodesis, pleural biopsies) performed by the Pulmonary service. If interested, residents are invited to obtain their own pulmonary function tests, to better understand how the values are obtained and interpreted. There is no night or weekend call for residents. Residents who are interested may spend a portion of their time on the Lung Transplant service. Interested residents should e-mail Dr. Leard prior to the start of the rotation.

Residents are encouraged to attend educational conferences offered by the Department of Medicine and the Pulmonary Division. Residents are invited to attend all pulmonary division educational conferences including Pulmonary Grand Rounds on Tuesday morning, Summer Lecture Series / Tri-hospital Pulmonary Case Conference on Tuesday afternoons, Pulmonary Physiology Conference on Friday mornings, Radiology conference on Friday morning and Interstitial Lung Disease Conference on Friday afternoon.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective the resident should:

- Be proficient in the performance of a detailed pulmonary history and physical examination.
- Recognize and understand the management strategies for a variety of pulmonary diseases including asthma, COPD, lung cancer, pulmonary infections, interstitial lung diseases, cystic fibrosis, and pleural disease.
- Be able to interpret pulmonary function tests and be familiar with chest radiographic imaging and interpretation.
- Recognize appropriate indications for pulmonary procedures such as bronchoscopy, transthoracic needle aspiration, thoracentesis, chest tube placement, pleural biopsy, pleurodesis, and referral for thoracic surgery.

WILL THE ELECTIVE ACCEPT INTERNS: Yes

Pulmonary (SFGH)

Maximum # of Residents per month: 1

Dr. Courtney Broaddus
206-3513 tel, 206-4123 fax; Box 0854
cbroaddus@medsfgh.ucsf.edu
Administrator: Mary DeJesus
206-8314 tel, 695-1551 fax; Box 0841
mdejesus@medsfgh.ucsf.edu

UCSF Medicine Residency Program Electives Listing

KEY HALF-DAYS: Educational conferences and clinics unique to SFGH: (1) SFGH Clinical Conference Thursday Noon, (2) SFGH TB conference Friday noon and (3) SFGH TB clinic Monday PM. In addition, (4) Tri-hospital Pulmonary Case Conference/Lecture Series on Tuesday PM, and (5) Pulmonary Physiology Conference on Friday AM. Orientation on first day and feedback on last day with Dr. Broaddus.

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Radiology Consults, procedures, PFTs	Radiology Consults, procedures, PFTs	Radiology 10 am Path Conf Consults, procedures	8-12 AM SFGH Chest Clinic OR Radiology, consults	8 AM Pulm Physiology Conference (Parnassus) Consults, procedures
PM	1-5 PM TB Clinic	12 noon SFGH MGR 4 pm Tri-Hospital Case Conference (Parnassus)	12 noon SFGH M&M Consults	12 noon SFGH Pulmonary Conference Consults, PFTs	12 noon SFGH TB Conference Consults

Shaded areas represent required work hours.

JEOPARDY: OK

VACATION: Up to 1 week OK.
(for more vacation, discuss with Dr. Broaddus)

DESCRIPTION: The resident participates in the full consultation experience with the pulmonary attending, fellows and medical students on the service by performing consultations for inpatients and outpatients, interpreting chest radiographs, CT scans, pulmonary function and sleep tests, and assisting in fiberoptic bronchoscopies. Besides Medical Grand Rounds and M&M, weekly conferences include the SFGH Pulmonary Clinical Conference, SFGH TB Conference, Tri-hospital Clinical Conference at UCSF, and the Pulmonary Physiology Seminar at UCSF. Residents also attend the SFGH TB clinic on Monday PM with a curriculum for assessment and treatment of those suspected of latent or active TB infection. The resident may also present cases at the SFGH Thursday noon clinical conference. We encourage the resident to undergo pulmonary function testing, a most educational experience. There is no after hours call for this rotation.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Obtain a thorough history and perform an appropriate physical examination of a patient with pulmonary illness.
- Understand pulmonary anatomy and pathology via interactions with pathologists and radiologists, and by participation during fiberoptic bronchoscopy.
- Understand the workup and evaluation of those suspected of latent or active TB infection.
- Understand the diagnostic and staging workup for patients with lung cancer.
- Understand the uses and limitations of pulmonary function testing and of bronchoscopy for diagnosis.

“Conversational” Radiology (VAMC)

Maximum # of Residents per month: 2, but must be Ok'd by Dr. McCowin

Dr. Marcia J. McCowin
221-4810 x3596/ 750-2039 tel; 750-6944 fax; Box 0114
marcia.mccowin@radiology.ucsf.edu
Administrator: Randy Ortega
221-4810 X3305
randy.ortega@va.gov

KEY HALF-DAYS: MON. AM/ PM, THURS. PM

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	SF VA Radiology ICU IP/OP	SF VA Radiology ICU IP/OP	SF VA Radiology ICU IP/OP	SF VA Radiology ICU IP/OP	SF VA Radiology ICU IP/OP
PM	1:30 Rad/Pulm conferences Workcharts (as needed)		CT Workcharts	1:30 Chest Med/Surg Workcharts	CT Workcharts

Shaded areas represent required work hours.

JEOPARDY: OK**VACATION:** Up to 2 weeks OK

DESCRIPTION: This rotation takes place at the San Francisco VA Department of Radiology and consists of 5 full mornings of Radiology interpretation per week combined with full-to partial afternoons of Radiologic interpretation and participation in clinical conferences.

The core schedule:

1. Interactive work charts and assigned reading which make it possible for the Medical resident to work parallel with the Radiology resident.
2. Morning in-patient, ICU, and outpatient plain film readouts.
3. Morning and afternoon CT and ultrasound readouts, and can include GI and bone radiology, MRI, Nuclear Medicine, biopsies, etc. if arranged.
4. Mandatory conferences: Mon. 1:30-2:30 p.m. Radiology/Pulmonary, Thurs. 1:30-2:30 p.m. Rad/Pulm/Surg/Onc.
5. Optional conferences: Tumor Board.
6. Daily teaching conferences with the Radiology Residents.
7. There is no call for the rotation.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Maximize their use of Radiologic consultation through the following increased knowledge and abilities.
- Gain advanced skill and understanding of Chest X-ray and ICU film interpretation, including limitations and pitfalls.
- Recognize normal CT anatomic structures and common abnormalities.
- Recognize abdominal ultrasound anatomic structures and common abnormalities.
- Depending on the focus and length of the rotation, the resident will gain an increased depth of understanding and interpretive skills in chest, abdomen, and bone plain films, CT and ultrasound, indication and utility of various imaging studies, and in the differential diagnosis and work-up of imaging abnormalities. Some work in neuroradiology, MRI, and interventional radiology may be possible.

Rheumatology (3-Hospital)

Maximum # of Residents per month: 2

KEY HALF-DAYS: Mon. PM / Thurs. PM – Parnassus

Wed AM – SFGH, Fri AM – VAMC

Director: Lianne Gensler, MD

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Administrator: Gracie Bernacki

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	Monday	Tuesday	Wednesday	Thursday	Friday
AM	In Patient Consults	Didactic Conference 8:30-9:30 AM UC U-381 or Rheumatology Journal Club 8:30-10AM Last Tuesday of the month Conference (8:30-9:30)	Clinic at SFGH Pre-clinic conference 8:00-9:00AM Bldg 30 Rm 3300 Rheum Clinic 9:00—12:00 Ward 92 476-2604 M&M Conference 12:00 (SFGH)	In Patient Consults	Clinic at VAMC Rheum Clinic 8:30-12:00PM Bldg 200 Module 1 Ground floor 750-2104 Post-clinic Conference 12:00-1:00PM 750-2104
PM	Rheum clinic 1:00-4:45 PM UCSF ACC Plaza Level Post-Clinic Conference 4:45-5:30PM 353-2497	Lupus Clinic 12:15-4:30PM UCSF-ACC Plaza Level or VA Rheum Clinic 1:00-4:40PM	VA Didactics Building 2, 5 th Floor or Evening Rheum Journal Club (3rd Wed of Month) Location varies	Rheum Clinic 1:00-4:45PM UCSF ACC Plaza Level Post-Clinic Conference 4:45-5:30 PM 353-2497	

UCSF Medicine Residency Program Electives Listing

Orientation: Please page Dr. Gensler (719-7849) on the first day of the rotation to discuss responsibilities and teaching sessions.

Rheumatology Journal Club—Last Tuesday of the month – 8:30-10:00 AM

Additional Teaching

- Skeletal Radiology – one Thursday a month at 8:30 AM (varies)
 - Review teaching file, read films with radiologists.
 - Bone Reading Room
 - 3rd floor ACC

- Please contact the Moffitt Rheumatology Fellows regarding time and place of inpatient rounds

JEOPARDY: OK **VACATION:** 1 week maximum
CAN THIS ELECTIVE BE STRUCTURED BY HALF-DAY? Yes

DESCRIPTION: Five ½ -day clinics with teaching conferences. Didactic teaching conferences on Tuesday mornings and Wednesday afternoons. Some in patient consults at Moffitt.

EDUCATIONAL OBJECTIVES: At the conclusion of the elective, the resident will be able to:

- Evaluate patients with rheumatic diseases and form a differential diagnosis.
- To be able to generate an appropriate differential diagnosis in a patient with rheumatic complaints.
- Do a comprehensive physical exam including a complete musculoskeletal exam.
- To understand treatment options in a patient with a rheumatic disease.

WILL THE ELECTIVE ACCEPT INTERNS? : Yes