



UNIVERSITY OF CENTRAL FLORIDA
College of Medicine

FOURTH YEAR (M4)

INDEPENDENT STUDY COURSES

Psychiatry

M4 Psychiatry Circles of Care (COC): Crisis Stabilization

MDE 8900

Full-time (4 weeks)

(PO) Circles of Care Crisis Stabilization Unit

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Kazi Ahmad

Contact Person: Dr. Barry Hensel

(321) 480-4982; bhensel@circlesofcare.org

Maximum Enrollment: 1 per block

First Day: Report to 880 Airport Blvd., Melbourne, FL (time TBD)

Goal is to assume increased responsibility for psychiatric evaluations, treatment planning, and delivery to a wide range of patients presenting in psychiatric crisis. The student will gain valuable clinical experience in managing psychiatric crises, including experience diagnosing and managing the acute presentation of substance use disorders, detoxification procedures, and other therapies for this population. The COC Admitting Intake service and Crisis Stabilization Unit are busy clinical services with ample available patient care opportunities and experiences for the M4 student. The Clinical Preceptor at COC, Dr. Ahmad, is readily available to the M4 student on site. Limited on call but no weekend duties.

Objectives:

1. Demonstrate and clinically utilize medical knowledge and interview skills to perform screening assessments as well as a full intake psychiatric assessment in the COC Admitting Intake area, and formulate biopsychosocial treatment planning.
2. Implement, when indicated, acute psychiatric hospital admission, and assess patients daily in follow-up, monitoring and documenting clinical progress and altering diagnostic formulations and management in response to changes in the patient's clinical course.
3. Formulate an individualized, patient-centered discharge plan for patients admitted to the COC Crisis Stabilization Unit.
4. Participate in the education of patients, families, and other healthcare professionals.
5. Demonstrate an awareness of the system for involuntary psychiatric treatment under Florida's Baker Act and demonstrate ability to appropriately implement involuntary commitment when necessary.

Learning Objectives:

1. The student will provide coverage for the COC Admitting Intake area for emergency assessments. The student will conduct initial screening examinations to patients to determine if the patient meets the criteria for involuntary hospitalization or needs other treatment. The student will then be responsible for presenting the case to the Clinical Preceptor, Dr. Ahmad, and when indicated, formulate a draft of sample admission orders or other treatment plan.
2. The student will follow admitted patients in daily follow-up and will document progress notes.
3. The student will participate as needed in multidisciplinary treatment team meetings for reviews of patients' clinical course and management needs.
4. The student will be responsible for formulating individual discharge planning for patients and will write a draft Discharge Summary for patients they followed.
5. The student will participate in weekly informal didactics with the Clinical Preceptor, Dr. Ahmad.
6. When the Clinical Preceptor, Dr. Ahmad, is on call, the student will take calls up to 10pm, and will present and discuss the case with Dr. Ahmad for diagnosis and treatment planning.

Psychiatry

Pediatric Psychiatry in the Hospital Setting

MDE 8900

Full-time (4 weeks)

(NCH) Nemours Children's Hospital

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Neil Boris

Contact Person: Jackie Feagan,

(407) 650-7424; Jackie.feagan@nemours.org

Maximum Enrollment: 1 per block

First Day: Report to 13535 Nemours Parkway, Lake Nona, FL, lobby check in desk @ 7:50 am

4th year students interested in a Psychiatry career will gain clinical experience with a broad range of patients from medically ill children to children presenting to a typical outpatient clinic. The inpatients will present with a wide range of health problems (cancer, cystic fibrosis, etc) often associated with various psychiatric morbidities (e.g. mood, anxiety, and/or family adjustment issues). On the outpatient service, students will work with multidisciplinary teams (e.g Pain Treatment team) and conduct videotaped intake interviews which will be reviewed to provide feedback on interview skills and creation of a differential diagnosis.

Objectives:

1. Effectively interview both children and adolescents, using collateral information from parents, in order to develop appropriate biopsychosocial evaluation and treatment plans for patients with various psychiatric conditions.
2. Understand the role of the psychiatrist on the pediatric wards and ICU by responding to consultations and creating readable and complete record of findings from the psychiatric exam.
3. Demonstrate liaison skills by working well with a variety of professionals (consulting physicians, nurses, social workers, child life specialists, etc) to uncover the question behind the consultation question and assist colleagues in managing children or families facing significant stressors.
4. Understand the principles, techniques, and indications for effective psychotherapies and behavioral medicine interventions in patients both with medical illnesses and being evaluated in an outpatient clinic.
5. Demonstrate interpersonal communication skills that result in the effective exchange of information and collaboration with patients, their families, and other health professionals.

Learning Activities:

1. Assistance with consults with application of psychiatric therapies (pharmacologic and psychotherapeutic).
2. The student will prepare a team-based learning case to be used by 3rd year students on pediatric rotation focusing on diagnosis or management of a specific child seen during the month.
3. Weekly videotaped intake interviews on the outpatient service.
4. Formal and/or informal didactics with Dr. Boris along with associated assigned readings.
5. Multidisciplinary therapeutic team meetings with Nemours staff members.

Psychiatry

M4 Outpatient Psychiatry at Coastal mental Health Center (CMHC)

MDE 8900

Full-time (4 weeks)

(PO) Coastal Mental Health Center

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Christine Grissom

**Contact Person: Gina Ballard, Chief Operating Officer,
(407) 378-6453; ginaballard@coastalmentalmhc.com**

Maximum Enrollment: 1 per block

**First Day: Report to 571 Haverty Court, Suite Y, Rockledge,
FL, 32955 @ 9:00 am**

Goal is for the student to gradually assume increasing responsibility, under supervision, for the evaluation and evidence-based treatment of patients in the CMHC outpatient setting. The student will gain experience establishing a therapeutic alliance with a patient population of all ages, with a wide variety of psychiatric disorders with comorbidities, and arrange of acuity of treatment needs. Responsibilities may also include some limited teaching of 3rd year UCF COM medical students. The intern's hours will be Monday – Thursday 9:00am to 7:00pm, divided between the 2 CMHC sites. No on-call, no weekend duties.

Objectives:

1. Perform and document a complete psychiatric diagnostic evaluation, identifying psychopathology, and developing appropriate biopsychosocial evaluation (laboratory, radiologic, and psychological testing) and treatment plans. Once emphasis will be on establishment of a therapeutic alliance and rapport; during follow-up visits, the patient's progress and course (including any ordered laboratory studies), diagnoses, and treatment plan, will be assessed and revised as indicated, with appropriate documentation.
2. Appropriately utilize the indications for psychiatric hospitalization, considering presenting problem and its acuity, risk of danger to patient or others, community resources, and family support; when necessary, help implement the process of involuntary hospitalization.
3. Demonstrate the ability to appraise and assimilate scientific evidence, utilizing relevant databases of psychiatric evidence-based medicine, to improve patient care and teach 3rd year medical students rotating in Psychiatry.
4. Demonstrate interpersonal communication skills that result in the effective exchange of information and collaboration with patients, their families, and other health professionals and students.
5. Student will develop skills for patient transition to successful terminations of treatment when indicated, with appropriate documentation.

Learning Activities:

1. Daily supervised patient evaluation and treatment in the outpatient setting. Patient assessments and treatment plans/disposition will be presented and discussed with Dr. Grissom.
2. Attend multidisciplinary treatment team meetings.
3. Ongoing use of medical/scientific databases at point of care to ensure use of evidence-based medicine.

Psychiatry

M4 Psychiatry Pasadena Villa Residential Care

MDE 8900

Full-time (4 weeks)

(PO) Pasadena Villa

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Myrtho Mompont-Branch

Contact Person: Dr. Myrtho Mompont-Branch,

(407) 246-5254; wmb3@cfl.rr.com

Maximum Enrollment: 1 per block

First Day: Report to 119 Pasadena Place, Orlando, FL

32803 @ 9:00 am

Goal is to assume responsibility for psychiatric intake assessments for Pasadena patients who have a wide variety of psychiatric disorders. Become familiar with the transitional program at Pasadena Villa which helps patients work on life skills. No on-call. No weekend duties.

Objectives:

6. Perform and document complete psychiatric diagnostic evaluations in a residential care setting. The patient population has a variety of various psychiatric disorders including Autism Spectrum Disorders.
7. Identify psychopathology and develop appropriate biopsychosocial evaluation and treatment plans.
8. Demonstrate good interpersonal and communication skills that results in effective exchange of information with patients, families, and the treatment team.
9. Demonstrate ability to review professional literature and utilize evidence-based medicine to improve patient care.
10. Demonstrate and apply knowledge of psychopharmacology topics in treatment planning and management.
11. Demonstrate an ability to monitor and document patient's clinical progress and update recommendations for treatment plan as indicated.

Learning Activities:

4. The student will present a topic in medication group to help the patients understand medications, side effects or mechanisms of actions.
5. The student will attend the transitional living and learning groups at Pasadena.
6. The student will participate in multidisciplinary treatment team meetings to provide feedback on assigned patients.
7. The student will prepare an in-service didactic presentation on relevant topic in Psychiatry to present to staff.
8. Informal discussions Dr. Branch of assigned readings.

Ophthalmology

Ophthalmology Rotation

MDE 8900

Full-time (4 weeks)

(PO) Medical Eye Associates

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Mont Cartwright

Contact Person: Peter Sefcik,

(407) 933-7800 x130; psefcik@medeyedoc.com

Maximum Enrollment: 1 per block

**First Day: Report to 921 N. Main Street, Kissimmee, FL
34744 @ 8:00 am**

Observation and participation of ophthalmology and facial plastic surgery patients, includes clinic experience, surgical experience, call rotation and journal club as well as one on one didactics with instructor(s).

Objectives:

1. Expanded knowledge in the medical/surgical care of ophthalmology, facial plastic surgery, patient(s) competence in taking histories, performing examinations and understanding basic surgical procedures/principles.

Learning Activities:

1. Journal club weekly.
2. Hospital rounds.
3. Clinic outpatients.
4. Hospital/ambulatory surgery assistance/observation.
5. One on one interaction with instructor(s).

Nephrology

Elective in Nephrology

MDE 8900

Full-time (2-4 weeks)

(PO) Flagler Hospital

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Amir Malik

Contact Person: Wendy Jennings,

(904) 829-8300

Maximum Enrollment: 1 per block

**First Day: Report to 204 Southpark Circle E., St. Augustine,
FL, 32086 @ 9:00 am**

The student will learn to evaluate, diagnose, and manage acute and chronic renal disorders. Manage hypertension and become familiar with guidelines. Familiar with and manage chronic and acute dialysis patients along with other co-morbidities.

Objectives:

1. Students will be able to evaluate acute and chronic kidney injury and know when to dialyze and how to manage acute kidney injury.
2. Also be capable of evaluation, diagnosis and treatment of electrolytes imbalance.

Learning Activities

1. Daily AM rounds at hospital, rounds at dialysis clinic weekly, and office clinic daily. Very busy routine.

OB/GYN

Integrative Reproductive Medicine E-text Development

MDR 8900

First Day: Report to COM room 409J @ 8:00 am

Full-time (4 weeks)

(UCF COM)

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Judith Simms-Cendan

Contact Person: Dr. Judith Simms-Cendan,
(407) 266-1057; Judith.simms-cendan@ucf.edu

Maximum Enrollment: Varies

Students will develop an in-depth understanding of the selected subjects in reproductive medicine. They will learn medical education theory and use of available software. The end product will be a resource for the preclinical students and possible publication.

Objectives:

1. Improved knowledge in reproductive pathology, physiology and pharmacology
2. Use of technology to create e-textbooks

Learning Activities

2. Students will research a topic then develop an e-module that includes a case vignette, background information, video, self-assessment and other interactive modalities.

The Patient Experience

MDR 8900

Part-time (2 weeks)

(NCH) Nemours Children's Hospital

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Paul Rosen

Contact Person: Dr. Paul Rosen,

(302) 300-8285; prosen@nemours.org

Maximum Enrollment: Varies

First Day: Determined on an individual basis. Contact Dr. Rosen for instructions.

Specify the anticipated clinical conditions the student will encounter, and the clinical knowledge, and examination and procedural skills the student will be expected to learn. Students will be able to:

Objectives:

1. Define patient-centered care, learn tools of process improvement, and learn lessons of service excellence from industries outside healthcare.
2. Goals will be for students to measure a baseline patient experience, understand the experience from the patient's point of view, design a patient experience in order to maximize effective communication, patient flow, access to care, and coordination of care.
3. Measure patient care experiences
4. Experience design.
5. Work across teams.

Learning Activities

1. In person discussion.
2. Online participation.
3. Patient shadowing in clinical setting.
4. Reading selected case studies and review videos.

Orthopaedic Sports Medicine

Orthopaedic Patient Care and Surgical Techniques

MDE 8900

Full-time (4 weeks)

(PO) Jewett Orthopaedic Clinic

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Michael Jablonski

Contact Person: Jeanetta Lawrence,

jlawrence@jewettortho.com; Susan Kemper,

skemper@jewettortho.com; Kendra Schanback,

kschanback@jewettortho.com

Maximum Enrollment: 4 per block

First Day: Determined on an individual basis. Contact Jeanetta Lawrence for instructions.

Program Overview:

1. Ability to collect/organize a meaningful history.
2. Ability to perform a thorough and accurate evaluation.
3. Ability to organize and access data.
4. Self learning.
5. Technical skills.
6. Interpersonal relations with patients/health team.

Objectives

Patient Care:

1. Identify, respect, and care about patient differences, values, preferences, and expressed needs.
2. Listen to, clearly inform, communicate with, and educate patients.
3. Share decision making and management.
4. Continuously advocate disease prevention, wellness, and promotion of healthy lifestyles, including a focus on population health.

Medical Knowledge:

1. Established and evolving biomedical, clinical, and cognate (e.g. anatomical, physiological, and social behavioral) sciences and the application of knowledge of patient care.

Practice-Based Learning and Improvement:

1. Involves investigation and evaluation of one's own patient care, appraisal and assimilation of scientific evidence, and improvements in patient care.

Interpersonal and Communication Skills:

1. That result in effective information exchange and teaming with patients, their families and other health professionals.

Professionalism:

1. Commitment to carrying out professional responsibilities, adherence to ethical principles and sensitivity to a diverse population.

Systems-Based Practice:

1. Actions that demonstrate an awareness of and responsiveness to the larger context and system of health

care and the ability to effectively call on system resources to provide care that is of optimal value.

Learning Activities:

1. Hospital rounds, patient assessment, surgical technique

Surgery

Clinical Elective in Vascular Surgery

MDE 8900

First Day: Report to VA Lake Baldwin Campus at 8:00 am

Full-time (4 weeks)

(VA) VA Lake Baldwin Specialty Clinic

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Frederick Fisher

Contact Person: Dr. Frederick Fisher,

(407) 629-1599 x 1143; Frederick.fisher@va.gov

Maximum Enrollment: 1 per block

Goal of clinical elective is to expose fourth year medical students to the vast array of vascular disease seen at a busy Veterans Administration Hospital including the risk factors for disease, clinical presentation, and treatment modalities. The risk factor modification for these patients with multiple medical co morbidities will be stressed. The history and physical findings will be the cornerstone of the workup for these patients with appropriate laboratory and radiologic studies based on the findings. Treatment options will include non-surgical approaches, minimally invasive approaches and surgical approaches. Since these patients have multiple organ systems affected by their diseases, the students will need to integrate many of the disciplines they have learned over the first three years of medical school training. This will give the students an early opportunity to sharpen clinical skills in history taking, physical diagnosis, and decision making. These skills have a broad application to all fields of medicine, so elective is appropriate to students interested in surgery or non-surgical fields.

The radiology department works closely with the vascular surgery department so the student will have ample opportunities to review studies in radiology. The students will follow their patients to the operating room and the PACU to further their learning of the disease process.

The student will be given the opportunity to create a presentation of one or two patients to the members of the department at either the multidisciplinary conference or the surgical conference. If the presentation warrants publication in a peer reviewed journal, then the student may go on to write a case report for submission with the assistance of the clerkship director.

Initially there will be no night or weekend activities. Once the VA hospital opens there will be opportunity to incorporate this into the program.

Objectives:

1. Identify and respect patients' differences and expressed needs.
2. Listen to, clearly inform, and communicate well with patients.
3. Share decision making management with emphasis on disease prevention and wellness with a promotion of healthy lifestyles.
4. Use established and evolving clinical and basic science knowledge to further patient care.
5. Assimilate appropriate scientific evidence to improve patient care.

6. Improve communication skills regarding information transfer with patients and their families.
7. Maintain professional behavior with strict adherence to accepted ethical standards.

Learning Activities:

1. Patient care will include daily patient visits in clinic. Student will be given advance notice of specific type of clinical problems to prepare for the encounter. After each patient visit a review of appropriate history and physical including relevant radiologic studies will occur with the instructor.
2. Student will be present in operating room twice on most weeks.
3. Review of literature will be continuously stressed by the instructor.
4. Student will be given opportunity for case presentation as noted above.

Medical Spanish

MDE 8900

First Day: Will discuss with preceptor in advance.

Full-time (4 weeks)

(UCF COM)

Grading Basis: Pass/Fail

Primary Faculty Supervisor: Dr. Judith Simms-Cendan

**Contact Person: Dr. Judith Simms-Cendan,
(407) 266-1057; Judith.simms-cendan@ucf.edu**

Maximum Enrollment: Varies

Goals of the Rotation:

1. Students will have improved knowledge of Spanish grammar and medical Spanish vocabulary.
2. Students will learn how Latino culture affects access and utilization of health care.
3. Students will become familiar with correct use of a medical interpreter.
4. Students will practice use of medical Spanish in the clinical skills center.

Objectives:

1. Improved knowledge of role of culture in care of patients will enhance patient care.
2. Assessing skills in language will define safety limits in relying on personal medical Spanish knowledge.
3. Enhanced knowledge of medical Spanish will improve communication ability.
4. Understanding correct use of an interpreter will improve professionalism.
5. Understanding the role of the interpreter and laws requiring access to interpreter will improve systems based practice knowledge.

Learning Activities

1. Students are expected to work independently on Canopy models.
2. They are expected to attend the session in the clinical skills center, and sessions on use of an interpreter and practical medical Spanish.
3. A literature review and brief essay (1-2 pages) on the role of culture in medical care is required.