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Course: Plastic & Reconstructive Surgery Course Number PLA 1901

Department: Plastic Surgery

Faculty Coordinator: Jennifer Kargel

Asst. Fac. Coordinators: Shai Rozen

Hospital: UT Southwestern Medical Center, Parkland Health, Children's Medical Center of Dallas

Periods Offered: 1-4 (UTSW + Domestic), 12 (UTSW only), 8-10 (International)

Length: 4 weeks

Max # of Students: 8

First Day Contact: Christina Burton; Christina.burton@utsouthwestern.edu

First Contact Time: 7:30 am

First Day Location: Outpatient Surgery Building 4th floor (WA04.202)

Prerequisites: Students must have shown involvement in Plastic surgery via participation in a student interest group, research in the specialty, or intent to apply for Plastic Surgery residency.

I. Course Description

This is a rigorous 4-week course enabling the student to experience plastic surgery residency at the level of an intern. Students will rotate at Clements University Hospital, Parkland Hospital, and the Children's Medical Center of Dallas. Experience will include observation of Aesthetic surgery cases, Reconstructive surgery, hand cases, pediatric cases, and microsurgery. Students will learn about the scope of practice in plastic surgery while on rotation. The purpose of the course is to allow the student the opportunity to explore a future career in plastic surgery and learn what to expect when applying for residency.

Selective expectations include:

- *The student is required to provide patient care at the level of an intern under the direct supervision of attending faculty members or Senior residents.*
- *The student will assess patients, develop and implement patient care plans. They will be specifically graded on their ability to manage patients.*
- *The student will assist with and/or perform procedures as appropriate.*
- *Attendance at residency conferences and patient care conferences are required.*
- *The students are required to demonstrate critical thinking and medical knowledge via a formal case presentation at the conclusion of their rotation with their cohort.*

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Goals	Objectives	Assessment methods (<i>examples</i>)
<p>Patient Care: Assessment and Management</p> <ol style="list-style-type: none"> 1. <i>Students will demonstrate the knowledge, attitudes and skills necessary to perform appropriately focused and accurate histories and physical assessments and document the findings accurately in the health record.</i> 2. <i>Students will assist in the development of evaluation and treatment plans and take responsibility for implementation.</i> 3. <i>Students will develop procedural skills related to plastic and reconstructive surgery at the level of intern on plastic surgery service.</i> 	<p>-Assist in gathering accurate and essential information about patients through history-taking, physical exams, and testing to develop a comprehensive surgical and care plan. -Develop and carry out management plans that are safe, effective and efficient</p>	<ul style="list-style-type: none"> • Presentation of patients to resident team • Skills evaluation from direct observation.
<p>Medical knowledge:</p> <ol style="list-style-type: none"> 1. <i>The student will be able to explain basic anatomy.</i> 2. <i>The student will know how to assess and manage common complaints in...</i> 	<p>-Demonstrate foundational knowledge of intra-operative anatomy, biomechanics and understand sequence of operations.</p>	<ul style="list-style-type: none"> • <i>10-minute oral case presentation</i> • <i>Weekly conference discussions</i>
<p>Interpersonal and communication skills: <i>The students will effectively exchange information with patients, families, consultants and the team, including nurses, faculty, residents and ancillary staff.</i></p>	<p>-Maintain working list of patients on ward -Assist with morning rounds by identifying key information to transition care -Be able to clearly communicate with patients, their families and care team members</p>	<ul style="list-style-type: none"> • <i>Observations of faculty and staff</i> • <i>Feedback of rotation chiefs</i>

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<p>Practice Based learning and Improvement: <i>Students will demonstrate the ability to assimilate scientific evidence and improve patient care practices.</i></p>	<p>-Develop a willingness and habit of learning from errors, and of using errors to improve the process of care -Identify areas of improvement</p>	<ul style="list-style-type: none"> • <i>10-minute oral presentation</i> • <i>Critical review of a relevant article</i>
<p>Professionalism: <i>Students must demonstrate a commitment to fulfilling professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.</i></p>	<p>-Demonstrate sensitivity to beliefs, values, and practices of diverse and vulnerable patient populations -Demonstrate a commitment to continuous professional development, ethical practice, and sensitivity to diversity</p>	<p><i>Observations of faculty and staff</i></p>
<p>Systems based practice:</p> <ol style="list-style-type: none"> 1. <i>Demonstrate awareness of the larger context and system of health care and the ability to effectively use system resources to provide care.</i> 2. <i>Work with the team and patients to optimize use of system resources.</i> 	<p>-Collaborate with care team to provide optimum care within the context of a complex system -Access and utilize resources, providers, and systems necessary to provide care.</p>	<p><i>Observations of faculty and staff</i> <i>Group discussion</i></p>

III. Methods of Instruction:

- A. Didactic:
 - a. The Course Director has an orientation meeting during the first week of rotation with students.
 - b. Faculty give weekly lectures on topics in Plastic Surgery
 - c. Full didactic schedule available to students: Hand Indications, Microsurgery Conference, Pediatric Indications, Grand Rounds, Teaching conferences, M&M Conference.
- B. Clinical
 - a. Teaching/supervision for the rotation will be from department faculty and residents.

IV. Overview of student responsibilities

- A. Students are responsible for assisting with ward management of the Plastic Surgery patients, admission, history and physical will be obtained in conjunction with the residents.

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- B. Students will be accountable to the chief resident on the service and to the faculty members who are staffing the case.
- C. Students will be expected to participate in call responsibilities with the Plastics Surgery residents.
- D. Students will be involved in surgical cases and will be required to attend all Core residency lectures and appropriate rotation conferences related to the program.

IV. Method of evaluation of students and requirements:

- A. One written evaluation on each student will be completed by the Faculty Coordinator. It will be based on the aggregate evaluations from residents and faculty that worked with the student while on rotation.