Surgery

**Chair**

• Ronald J. Weigel

**Faculty:** http://www.medicine.uiowa.edu/dept_primary_apr.aspx?appointment=Surgery  
**Web site:** http://www.medicine.uiowa.edu/surgery/

The Department of Surgery offers didactic instruction as well as clinical and other practical experiences for medical students. It also hosts a wide spectrum of clinical and scientific research.

**M.D. Student Training**

Department of Surgery courses provide a unique combination of experience oriented toward patient care and understanding of surgery's place among a physician's skills. Surgery courses are open only to M.D. students and qualified students in associated health sciences.

Students develop an awareness of surgery's role in the treatment of disease. Emphasis is placed on general surgery, basic emergency surgery, trauma, oncology, burns, gastrointestinal and biliary tract disease, endocrine disease, pediatric surgery, transplantation, plastic and reconstructive surgery, and peripheral vascular surgery.

The majority of surgery courses involve patient-centered discussions and practical exercises interwoven with operating room experience. Lectures and conferences are scheduled regularly on specific topics.

The department offers independent study courses in selected surgery topics and clinical experiences; some are available to fourth-year M.D. students by arrangement with the faculty.

**Faculty**

The faculty's strengths center in pathophysiology and problems of severe burns, trauma, organ transplantation, surgical control of morbid obesity, surgical oncology, bowel disease, biliary tract disease, pediatric surgery, endocrine disease, plastic surgery, and vascular surgery.

**Facilities**

Abundant patient contact provides education in a wide variety of surgical diseases. The Department of Surgery provides training in the only burn unit in Iowa approved by the American College of Surgeons and in the Level I Trauma Center at University of Iowa Hospitals and Clinics.

Laboratories provide equipment, space, and technical expertise to support teaching and a wide spectrum of clinical and scientific research. Projects are available in gastrointestinal surgery, surgical microbiology, peripheral vascular surgery, transplantation, wound healing, organ preservation, vascular surgery, plastic surgery, and surgical oncology.

**Courses**

**SURG:8301 Clinical Surgery** 6 s.h.  
Experience as active member of surgical team; work on inpatient units, in clinics and operating room; assist in elective and emergency patient care.

**SURG:8401 Advanced General Surgery** 4 s.h.  
Opportunity to strengthen clinical skills through experiences in the operating rooms, clinics, wards, and intensive care units of University of Iowa Hospitals and Clinics.

**SURG:8402 Subinternship in General Surgery** 4 s.h.  
Responsibility for management of selected surgical inpatients, on a surgical service. Prerequisites: SURG:8301.

**SURG:8406 General Surgery, Des Moines, IA** 4 s.h.  
Care of general surgery patients in private hospital setting. Prerequisites: SURG:8301.

**SURG:8407 Intensive Care Unit—Trauma, Iowa Methodist** 4 s.h.  
Subinternship on trauma service team; evaluation and management of critically ill patients in the emergency room, operating room, intensive care unit. Prerequisites: SURG:8301. Requirements: fourth-year M.D. enrollment.

**SURG:8409 General Surgery, Davenport, IA** 4 s.h.  
Participation in diagnosis and management of general surgical patients under supervision of attending surgeons from Davenport Surgical Group, Genesis Medical Center. Prerequisites: SURG:8301. Requirements: fourth-year M.D. enrollment.

**SURG:8411 Multidisciplinary Breast Elective** 2,4 s.h.  
Evaluation and management of benign and malignant breast diseases; focus on multidisciplinary nature of treatment of breast disease; for students who plan to pursue residency in general surgery, obstetrics and gynecology, family practice, or other field with focus on women's health. Requirements: M.D. enrollment.

**SURG:8498 Surgery On Campus** arr.  
Surgery on campus; individually arranged. Prerequisites: SURG:8301.

**SURG:8499 Surgery Off Campus** arr.  
Prerequisites: SURG:8301.