Stead Family Department of Pediatrics

Interim Chair
- Eva Tsalikian

Faculty: https://medicine.uiowa.edu/pediatrics/people
Website: https://medicine.uiowa.edu/pediatrics/

The Stead Family Department of Pediatrics provides a solid foundation for M.D. students and postgraduate trainees. It offers extensive opportunities for general pediatrics and subspecialties training.

Affiliated programs add depth to the educational program in community pediatrics and primary care. The department is affiliated with the child and material health programs of the Bureau of Family Health, Iowa Department of Public Health, University of Iowa Stead Family Children’s Hospital, the Center for Disabilities and Development, the Blank Children’s Hospital in Des Moines, and community sites.

M.D. Training

Didactic lectures and physical examination of newborns, toddlers, and older children provide M.D. students with their initial pediatric patient contact. This experience includes taking a history, performing a physical examination, appraisal of growth and development, nutrition, and symptomatology of newborns, toddlers, and adolescents.

For core and advanced medical students, the inpatient service provides training in the complex problems of disease and critical illness. Students participate in daily rounds involving general pediatrics and all subspecialties. Challenging and interesting cases are presented for discussion of diagnosis and treatment.

Outpatient experience, available in the core clerkship and advanced electives, stresses principles and practices required for the maintenance of children’s health, treatment of common general pediatric disorders, and the diagnosis and treatment of subspecialty ambulatory patients.

Residency

Residency Program, Fellowships

The department offers an accredited three-year residency program designed to prepare trainees for professional careers in general pediatrics or for further fellowship training. The program meets the eligibility requirements of the American Board of Pediatrics (ABP) and is approved for 15 residents and one child neurology resident per year by the Accreditation Council for Graduate Medical Education (ACGME).

Fellowships are available in multiple pediatrics subspecialties. Fellowship programs encourage development of knowledge and skill through research and clinical experiences in the chosen discipline. Upon satisfactory completion of the program, fellows meet the ABP eligibility requirements in their subspecialty.

Facilities

The Stead Family Department of Pediatrics has inpatient and outpatient facilities in the University of Iowa Stead Family Children’s Hospital. Additional outpatient facilities are located at Iowa River Landing in Coralville, UI Health Care—North Liberty, UI Health Care—Scott Boulevard, and Cedar Rapids Pediatrics.

The pediatric inpatient service has approximately 189 beds, and more than 60,000 patients are seen each year in the general, specialty, continuity care, and field clinics and in University of Iowa Hospitals & Clinics Emergency Medicine. The Center for Disabilities and Development provides resources for children with intellectual or developmental disabilities and cerebral palsy.

The department maintains a number of laboratories that perform both clinical and research studies.

Courses

Pediatrics (Stead Family Department of Pediatrics)

Courses

Peds:6101 Primary Care: Infants, Children, and Adolescents II 3 s.h.
Enhancement of clinical knowledge and skills for infant, child, adolescent care; development and refinement of knowledge and skills in primary health care delivery. Prerequisites: NURS:6100. Corequisites: NURS:6702. Same as NURS:6101.

Peds:7245 Evaluation of Children with ADHD and LD 1 s.h.
Clinical experience in conducting pediatric neuropsychology examinations in the Pediatric Attention/Learning Disorders Clinic. Requirements: course on psychological testing (including IQ) and graduate psychology standing (school, counseling, rehabilitation, clinical). Same as PSQF:7245.

Peds:7255 Autism Spectrum Disorders 2 s.h.
Overview of autism spectrum disorders (ASDs), including autistic disorder, Asperger's disorder, other pervasive developmental disorders; ASD diagnoses and their etiology; tools used in assessing individuals with ASDs; common interventions for ASDs; resources for work with individuals who have ASDs.

Peds:7262 Biobehavioral Assessment and Intervention 1-3 s.h.
Experience conducting brief functional assessments and behavioral treatments for children and adults with developmental disabilities; interviews with caregivers, behavioral assessments, matched treatments (e.g., functional communication training); follow-up with caregivers.

Peds:7263 Evaluation and Treatment of Pediatric Feeding Disorders 1-3 s.h.
Experience evaluating children with varied feeding disorders, such as food overselectivity by texture or type, dependence on gastrostomy or nasogastrostomy tubes, failure to grow adequately due to inadequate caloric intake; methods to evaluate feeding behaviors, evaluate design interventions, and measure outcomes; caregiver training and follow-up.
PEDIATRIC GASTROENTEROLOGY

Experience caring for infants through adolescents; evaluation, formulation of differential diagnoses, diagnostic workups, appropriate therapy programs. Requirements: fourth-year M.D. enrollment.

PEDIATRIC CARDIOLOGY

Direct care of critically ill children in a multidisciplinary medical/surgical/cardiac intensive care unit, under supervision of pediatric residents and staff; participation in educational activities and formal clinical rounds. Requirements: fourth-year M.D. enrollment.

PEDIATRIC ONCOLOGY

Basic concepts of clinical approach to hematologic and oncologic problems in children and adolescents; primarily outpatient experience. Requirements: fourth-year M.D. enrollment.

PEDIATRIC NEUROLOGY

Participation in outpatient and inpatient activities, teaching, morning ward rounds. Requirements: fourth-year M.D. enrollment.

PEDIATRIC ABUSE & NEGLECT

Hospital- and community-based multidisciplinary responses to child abuse and neglect; experience developing diagnostic skills to recognize, assess, and report cases of child abuse and neglect. Requirements: fourth-year M.D. enrollment.

PEDIATRIC BEHAVIORAL MEDICINE

Normal developmental sequence of gestation and early childhood, impact of environmental influences; antecedents of developmental disabilities; methods to detect cognitive and motor delays in preschool children; long-term consequences of developmental disabilities for children, their families; advantages of interdisciplinary teamwork. Requirements: fourth-year M.D. enrollment.

PEDIATRIC PALLIATIVE CARE

Experience cardiac catheterization; experience in cardiac auscultation, ECG, radiography; emphasis on physical diagnosis, approach to heart disease and murmurs in children. Requirements: fourth-year M.D. enrollment.

PEDIATRIC ALLERGY/IMMUNOLOGY AND PULMONARY

Diagnosis, management, and treatment of diseases of gastrointestinal tract, liver, pancreas in children; ward rounds, consultations, clinics, diagnostic procedures, conferences. Requirements: fourth-year M.D. enrollment.

PEDIATRIC ENDOCRINOLOGY

Diagnosis, management, and treatment of pediatric endocrine diseases: growth disorders (short stature, tall stature, delayed puberty, precocious puberty), thyroid disorders (hypothyroidism, hyperthyroidism, thyroid nodules), diabetes mellitus, diabetes insipidus, dysgenetic syndromes, ambiguous genitalia, adrenal insufficiency or adrenal steroid excess, and hypopituitarism. Requirements: M.D. enrollment.
**Peds:8431 Pediatric Nephrology** 2,4 s.h.
Introduction to general pediatric nephrology cases and management. Requirements: M.D. enrollment.

**Peds:8450 Continuity of Care in Outpatient General Pediatrics** 4 s.h.
Work with experienced general pediatrician in a longitudinal clinical experience for the academic year; paired with faculty pediatrician to see patients in a weekly clinic, provide clinical care to a defined patient population; growth and development, health supervision, and management of common acute and chronic clinical problems. Requirements: fourth-year M.D. enrollment.

**Peds:8495 Pediatric Intensive Care Off Campus** arr.
Arranged by student and department. Requirements: fourth-year M.D. enrollment.

**Peds:8497 Research in Pediatrics** arr.
Medical research, clinical or laboratory projects; individual study.

**Peds:8498 Pediatrics On Campus** arr.
Requirements: fourth-year M.D. enrollment.

**Peds:8499 Pediatrics Off Campus** arr.
Requirements: fourth-year M.D. enrollment.