

RESIDENT ROUNDS: PART I

Resident Rounds is a section of the JDD dedicated to highlighting various dermatology departments with residency training programs. Resident Rounds includes 3 sections: (1) a program spotlight highlighting pertinent information about the department and residency training program; (2) a section presenting study materials used by residents at the program; and (3) a section designed to highlight recent interesting cases seen at the institution. This issue of Resident Rounds features the Department of Dermatology at University of Colorado. The editor of Resident Rounds is Dr. Ali Alikhan. If you are interested in highlighting your training program in a future issue, please contact Dr. Alikhan at alialikhan1@yahoo.com.

Program Spotlight: The University of Colorado Denver Dermatology Residency Program

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Over the past decade, The Department of Dermatology at the University of Colorado School of Medicine has transformed into a powerful academic program that has achieved excellence in education, patient care, and research. The CU Health Sciences Center on the Anschutz Medical Campus (AMC) is located in Aurora, just east of Denver. There, state-of-the-art facilities for clinical care, education and research provide an integrated and collaborative environment for the professional Schools of Medicine, Public Health, Pharmacy, Dentistry, and Nursing. This campus is also home to the University of Colorado Hospital and the Children's Hospital of Colorado (formerly The Children's Hospital). A new Department of Veterans Affairs Hospital is under construction.

Our department has a comprehensive clinical program with a highly varied patient population at multiple sites. The main Dermatology Clinic at AMC handles 25,000 outpatient visits per year with a focus on general adult dermatology, cutaneous oncology and procedural dermatology/Mohs Surgery. It has full surgical facilities and phototherapy suites and shares space with the comprehensive Melanoma Clinic. The Dermatology Clinic at the Children's Hospital of Colorado serves 12,000 patients per year, specializing in complex pediatric dermatology cases, vascular birthmarks and epidermolysis bullosa. Dermatology in the Denver VA hospital is a comprehensive clinical service treating 9,000 patients per year with special attention to skin cancer and teledermatology. A highly effective Dermatology Clinic at Denver Health and Hospitals serves the needs of residents within the City and County of Denver, providing care for 8,000 patients per year. Cosmetic and Aesthetic services are provided at the freestanding CU Cosmetics Clinic. This clinic is staffed by faculty from the Departments of Dermatology and Plastic Surgery and offers a number of cosmetic services including sclerotherapy, laser therapy, chemical peels, dermabrasion, hair removal, Botox and soft tissue augmentation. Dermatology residents currently participate in a Residents Clinic at this facility during their third year. Dermatopathology services are centering in a freestanding laboratory on the AMC.



Research in the Department of Dermatology has experienced spectacular growth with important recruitments of faculty specializing in carcinogenesis, stem cell biology and regenerative medicine, immunology, and developmental biology. Dennis Roop, PhD, Director of the Charles C. Gates Center for Regenerative Medicine and Stem Cell Biology, and 16 key members of this center have faculty appointments in the Department of Dermatology. Since coming to Colorado in 2007, Dr. Roop has raised 35 million dollars in research funding for his center. He has helped develop an extensive collaborative network of researchers in many departments resulting in important translational research. We have also developed a large group of scientists working in skin disease-related research, funded by a P30 grant from the NIH as the UCD Skin Diseases Research Center. Development of new cutting-edge treatments for skin disease is a primary goal of our research programs in oncology, stem cell biology and immunology. We have a well developed drug development program centered in two biotechnology companies founded by two members of the faculty, Yosef Refaeli, PhD and Xiao-Jing Wang, PhD. Robert Dellavalle, MD, PhD is an important part of our patient-oriented research efforts, serving as Director of Dermatoepidemiology. He recently hosted the worldwide Cochrane and Campbell Research Colloquium in Keystone, Colorado.

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The Department of Dermatology at UCD has 35 faculty members including 3 MD, PhDs and 17 PhD scientists. Our goal is to provide world-class clinical care in an environment where discovery informs clinical practice and education. We aim for a research standard equal to that in the best basic science departments. The spectacular facilities on the AMC and the skill of the collaborative faculty have been combined to create a unique and truly impressive environment for clinical care, education and research.

Residency Program

We have a highly effective education program that serves medical students, residents and research trainees in many departments in multiple schools on the AMC. Our Dermatology Residency program accepts up to 6 residents per year through the match. For residents interested in research training in the context of their Dermatology Residency, we offer a 2+2 program with 2 years of traditional residency, followed by 2 years of research training supported by our NIH training grant, now in its 32th year. For those interested in training beyond their residency, we offer fellowships in Pediatric Dermatology, Procedural Dermatology, Dermatopathology, and Dermatology Research.

We offer the following:

- State-of-the-art clinical and research facility (Anschutz Medical Campus).
- Comprehensive clinical training in the diagnosis and treatment of diseases of the skin and mucous membranes
- Large patient population to include routine skin disorders, geriatric and pediatric disorders, and complex referral cases (the University of Colorado is the largest medical referral facility in the Rocky Mountain region)
- Intensive structured didactic training with conferences staffed by attending physicians
- Specialty clinics in Contact and Occupational Dermatology, Hair Loss, Pediatric Dermatology, Epidermolysis Bullosa/Wound Healing, Pediatric Laser and Vascular Malformations, Cutaneous Lymphoma, High Risk Skin Cancer, Mohs Micrographic Surgery, Sexually Transmitted Diseases, Teledermatology and Cosmetic Dermatology.
- A Cutaneous Oncology program located within the Dermatology space and integrated with the Division of Medical Oncology to provide training in melanoma and non-melanoma skin cancer.
- Superior faculty-to-resident ratio with more faculty than residents

- Excellent opportunities to conduct either clinical or laboratory research
- Approved fellowships in Dermatopathology, Mohs surgery and Pediatric Dermatology

For more information about our program please visit <http://www.ucdenver.edu/academics/colleges/medicalschoo/departments/Dermatology/Pages/Dermatology.aspx>

Disclosures

The authors have no relevant conflicts of interest to disclose.

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