



Virginia Kimonis, MD

Genetics and Metabolism
Pediatrics



Professional Positions

Chief, Division of Genetics and Metabolism
Professor of Pediatrics, University of California, Irvine

Awards

- Physicians of Excellence, Orange County Medical Association, 2012

Dr Kimonis is privileged to serve as a clinician Scientist in the Division of Clinical and Biochemical Genetics, UC Irvine and CHOC. Dr. Kimonis received her medical degree from Southampton Medical School, UK. She completed residencies in pediatrics and general practice in the United Kingdom before moving to the US. She completed a residency in pediatrics at Massachusetts General Hospital, Boston and fellowship training in clinical and biochemical genetics at the National Institutes of Health, Johns Hopkins and Washington D.C. Children's Hospital. Prior to her move to UC Irvine in 2006, she worked at Boston Children's Hospital and Southern Illinois University School of Medicine. She is board certified in Clinical Biomedical Genetics and Clinical Genetics and in Pediatrics.

Dr. Kimonis' clinical interests are varied. She participates in a comprehensive service in Clinical Genetics. She specializes in the diagnosis and management of children and adults with dysmorphic features, unknown neurodegenerative, neuromuscular and complex disorders.

Dr Kimonis is an active tutor and lecturer and teaches genetics fellows, residents, medical students, genetic counseling graduate and BIO 199 undergraduate students. Additionally she mentors postdocs and other trainees in the laboratory projects. Several manuscripts and funded research projects have resulted from this teaching experience.

She has an active laboratory program that primarily focuses on inherited muscle disorders that occur in combination with diseases of bone and/or dementia. She discovered important diseases: multisystem proteinopathy associated with mutations in the VCP gene. Her clinical research interests include the NIH Rare Diseases Clinical Research Network (RDCRN) funded Natural History study of Prader Willi and Morbid Obesity syndromes, as well as several other rare diseases. Dr Kimonis is funded by the National Institute of Health and Muscular Dystrophy Association. Dr. Kimonis' goal is to integrate the basic science research with clinical research and to work towards establishing a premier clinical, educational and research program.

Medical Services

- Genetic Evaluation, Testing and Counseling Services
- Pediatric Services

Certifications

- American Board of Medical Genetics, Clinical Biochemical Genetics, certified 1996
- American Board of Medical Genetics, Clinical Genetics (M.D.), certified 1996
- American Board of Pediatrics, Pediatrics, certified 1993

Clinical Interests

- Dysmorphology
- Fetal dysmorphology
- Metabolic genetics
- Neuromuscular genetics
- Prader-Willi syndrome
- Rare genetic syndromes

Department of Pediatrics

UC Irvine's Department of Pediatrics is committed to excellence in pediatric clinical care, education and research. The department embraces the School of Medicine's mission: Discover. Teach. Heal.

Discover

The University of California, Irvine is ranked by *U.S. News & World Report* as one of the top 50 medical schools for research. Our faculty has received national and international recognition for pediatric research. We continue to achieve a high level of federally-funded research grants. Most notably, UC Irvine and CHOC Children's Hospital were chosen to be among the first Vanguard Study Centers for the National Children's Study.

Teach

As part of a strategic plan for pediatric medical education, the School of Medicine and CHOC formed a joint pediatric residency program in July 2010. The new program, which includes our major affiliate, Miller Children's Hospital in Long Beach, is one of only a handful of programs in the nation that gives residents access to two free-standing children's hospitals. The department oversees an extensive medical education enterprise that allows medical students, residents and fellows to benefit from the variety of cases and leading-edge technologies available at our affiliated children's hospitals.

Heal

In 2009, the School of Medicine and CHOC formed a collaborative clinical affiliation to provide high-quality pediatric services to the children of Orange County. At CHOC in Orange, UC Irvine faculty members provide comprehensive inpatient and outpatient pediatric primary care and subspecialty services. At UC Irvine Medical Center, also in Orange, faculty members provide pediatric emergency, burn, trauma, neonatal intensive care, newborn nursery, psychiatry and primary care services. Together, the two institutions offer the largest and most comprehensive pediatric clinical program in Orange County.

Medical School

University of Southampton, UK

Internship

St. Mary's Hospital, UK, Medicine/Surgery

Residency

Massachusetts General Hospital, Pediatrics

Fellowship

National Institutes of Health, Clinical Genetics



Speakers Bureau Topics

- Cardiovascular Genetics
- Chromosomal Disorders
- Dysmorphology
- Fetal Dysmorphology
- Genetic Syndromes
- Genetics for the Dermatologist
- Genetics for the Neurologist
- Genetics for the Pediatrician
- Genetics for the Primary Care Physician
- Genetics for the Urologist
- Genetics of Deafness
- Genetics, Latest Advances
- Imprinting Disorders
- Neuromuscular Genetics
- Prenatal Genetics

Together, we can create a brighter, healthier tomorrow.

Your philanthropic support will help UC Irvine researchers make groundbreaking discoveries, fund endowed faculty chairs, help recruit and retain key faculty in an increasingly competitive job market, underwrite community lectures and other education activities, purchase advanced technologies and improve patient care.

For more information about making a gift to the School of Medicine, please contact Valerie Amador, Senior Director of Development, Pediatrics at (949) 824-3950 or valerie.amador@uci.edu.

