

Community, Access, Reach, & Education in Pediatric Dentistry INTERPROFESSIONAL EDUCATION



Interprofessional Education & Pediatric Medicine Course Syllabus

Course Title: Pediatric Medicine – DS307.07

Course Enrollment: Pediatric Dental Residents & Advanced Clinical Trainees (ACTs) in an interprofessional educational setting.

Course Chair/Co-Chairs



Irene Hendrickson, MD

After completing undergraduate studies at UCLA in 1991, UCLA School of Medicine in 1996 and UCLA Pediatric Residency in 1999, Dr. Irene Hendrickson has been one of the UCLA General Pediatric full-time faculty for over ten years. She helps train residents, students, dentists and nurse practitioners to care for outpatient ill and well children at UCLA's Westwood location. Her own primary care clinic serves many children of UCLA faculty and staff who prefer to remain on campus. She serves as the General Pediatric Coordinator for the UCLA Pediatric Nurse Practitioner program. Also on faculty at the UCLA School of Dentistry, Dr. Hendrickson is the Course Chair of Pediatric Medicine, a combined didactic and clinical experience for post-doc dentists planning a pediatric subspecialty.

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Cambria Garell, MD, School of Medicine Faculty

Cambria Garell, MD is Associate Program Director for the UCLA Pediatric Residency Program and directs the Primary Care and Public Health Track (PHABB - Public Health Ambulatory Basics and Beyond). She is Associate Medical Director for the UCLA Fit for a Healthy Weight program, a multidisciplinary pediatric obesity clinic which also provides telehealth services for underserved patients. She is a staff pediatrician at Venice Family Clinic and supervises residents in the pediatric continuity clinic at Simms-Mann.

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Denise Sur, MD, School of Medicine Faculty

Dr. Denise Sur is Vice Chair for Education in Family Medicine at UCLA, and Director of the department's Family Medicine Residency program. She joined UCLA in 1991 and teaches UCLA medical students and residents across multiple venues. Her areas of academic and clinical interest include immunizations in primary care, women's health, and care of underserved patients. Her personal interests include balancing her life as a wife and mother of four with her professional interests. Dr. Sur received her BA from UC Berkeley in Biology and her MD from the University of California, Davis.

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Nancy Pike, PhD, FNP-BC, CPNP-AC/PC, FAHA, FAAN

Dr. Pike is a Professor at UCLA School of Nursing and is certified as both a Family (FNP) and Pediatric Nurse Practitioner (PNP) in Cardiothoracic Surgery at Children's Hospital Los Angeles. She has a 27-year career as a nurse practitioner in both pediatric and adult cardiothoracic surgery. She is an award-winning researcher, teacher, and clinician. She is a fellow in AHA and the American Academy of Nursing. Her biobehavioral program of research has received several NIH/NINR funded grants to study structural brain injury, cerebral blood flow and its correlations to cognitive and psychosocial outcomes in adolescents and young adults with single ventricle heart disease. Dr. Pike is the lead faculty for the PNP program at UCLA School of Nursing. Dr. Pike is dedicated to training future nurse practitioners / nurse scientists and improving health outcomes for children and families impacted by congenital heart disease.

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Laurie Love, MSN, RN, FNP

Dr. Love is a board-certified Family Nurse Practitioner (FNP) and has a 20-year career as an FNP. She has been a lecturer and clinical faculty at the UCLA School of Nursing since 2007. She is a principal contributor to the Advanced Practice Clinical Practicum Series and is the lead coordinator for two clinical courses at the UCLA School of Nursing. Dr. Love has worked on a HRSA grant within the School of Nursing to prepare family nurse practitioner students to practice in medically underserved areas once they graduate. In 2013, she received the DAISY Faculty Award for her commitment and inspirational influence on her students. She has a post-master's in Clinical Nutrition and Integrative Health and is certified by the Institute for Functional Medicine as a Functional Medicine Practitioner. Dr. Love is committed to maintaining a high standard of expertise in the field of nursing, and she is dedicated to educating people on how nutrition, environmental and psychological stressors, and other lifestyle factors can change a person's body chemistry and genetic makeup and ultimately change how that person will express health or disease.

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Course Description

This course aligns with CARE PD Goal A (Focus Areas I & III) which is to expand integrated oral and primary health care through interprofessional education/practice established through the UCLA Community Health and Advocacy Training in Pediatric Dentistry (CHAT-PD, 2010-2015) and built on through the UCLA Strategic Partnership for Interprofessional Collaborative Education in Pediatric Dentistry (SPICE-PD, 2015-2021). The course consists of two parts.

- Part I, Pediatric Medicine, is led by Dr. Irene Hendrickson and will be completed by pediatric dental residents during their first year of residency.
- Part II consists of supplemental lectures taught by Dr. Cambria Garell, Dr. Nancy Pike, and Dr. Laurie Love and will be completed by second year dental residents. These courses are intended to refresh and further build on the Pediatric Medicine course taken during first year.

Course Competency

Dental residents will learn about common and uncommon childhood medical conditions, well child care including growth and nutrition, developmental milestones, patient and family health maintenance, and psychosocial stimulation to maximize intellectual potentials. This course includes outpatient rotations at the UCLA Medical Plaza Pediatrics Clinic. It includes pediatric dental residents teaching the pediatric medical residents about oral health.

- Part I of the course spans two quarters, Fall and Winter of PGY1.
- Part II of the course will take place in Winter of PGY2.

Course Objectives

On successful completion of this course, residents will be able to:

- Understand and be able to identify basic normal and abnormal pediatric anatomy/health including fundamentals of pediatric medicine (including those related to pediatric patients with special health care needs) such as: Developmental disabilities; Genetic/metabolic disorders; Infectious disease; Sensory impairments; and Chronic disease.
- Describe the developmental milestones and deviations of typical development from age 0 to adolescent.
- Understand the social and environmental factors associated with child well-being
- Describe the role of interprofessional collaborations in improving health for children

Part I - Pediatric Medicine

Didactics: Through a combination of classroom lecture and discussion, this course introduces residents to evidence-based current topics in pediatric health and wellbeing as well as chronic disease and illness. Residents will learn children's health, prevalence, and consequences manifestations of chronic diseases in children. Skills to obtain are taking an appropriate health history including baseline health parameters, risk factors, family history, chronic disease implications, acute/episodic problems or concerns and psychosocial dynamics. The residents will also learn age-appropriate pediatric anticipatory guidance to share with their patients and families.

Hands-on clinical training and experience: Through a 2-week clinical observational rotation in an outpatient pediatric facility, dental residents will learn how to assess a child's health at various ages, be able to identify basic healthy vs. abnormal conditions, observe medical care delivery and anticipatory guidance to families under various circumstances, and contribute specialty knowledge to the medical

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house staff/faculty when appropriate. In this way, Part B of this course will accomplish close collaboration between the dental and medical professionals for interprofessional collaboration and peer learning."

Part II – Interprofessional Education

Through a combination of classroom lecture and discussion, this course introduces residents to evidence-based current topics in pediatric health and wellbeing such as obesity and nutrition, medicine, mental health, and vaccines.

Instructional Method(s) used in this course (Check all that apply)

- | | |
|-----------------------|---------------------------------------|
| ✓ Lecture | Projects |
| Seminar | ✓ Grand Rounds |
| Literature Review | ✓ Problem-based learning/case studies |
| Resident Presentation | ✓ Clinical Rotations |
| Simulation lab | Other: _____ |
| Laboratory | |

GME Competencies addressed by this course (Check all that apply)

- | | |
|---|--|
| ✓ Patient Care | ✓ Interpersonal & Communication Skills |
| ✓ Medical Knowledge | Professionalism |
| ✓ Practice-based learning and improvement | ✓ Systems-based practice |

CODA Standards addressed by this course (Check all that apply)

- | | |
|---|--|
| ✓ Biomedical sciences | Management of a contemporary dental practice |
| ✓ Behavior guidance | |
| ✓ Growth and development | ✓ Patients with special health care needs |
| Oral facial injury and emergency care | Hospital dentistry |
| ✓ Oral diagnosis, oral pathology, & oral medicine | Pulp therapy |
| ✓ Prevention and health promotion | ✓ Pediatric Medicine |
| Comprehensive dental care | Advocacy |
| | ✓ Teaching |

Evaluation Criteria/Methods

- Residents will be evaluated based on attendance and active participation in discussions, lectures and treatment/case study sessions.
- Final pediatric medicine exam.
- Newly acquired clinical skills will be tested via peer-to-peer and faculty observational assessments and resident self-assessments for confidence.

Remediation Policies

- A customized remediation program will be designed to address areas of deficiency

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Course Schedule

Part A

Offered yearly to 1st year residents in the fall and winter quarters.

Title	Lecturer	Hours
Introduction to Pediatric Medicine & Clinic Tour	Dr. Irene Hendrickson	2
Well Child Care: Birth to 6 months	Dr. Irene Hendrickson	2
Well Child Care: 6-14 months	Dr. Irene Hendrickson	2
Well Child Care: 15-24 months	Dr. Irene Hendrickson	2
Well Child Care: 3-5 years	Dr. Irene Hendrickson	2
Well Child Care: 5-10 years	Dr. Irene Hendrickson	2
Adolescent Medicine	Dr. Irene Hendrickson	2
Cardiology Wrap-Up	Dr. Irene Hendrickson	2
Pediatric Liver Disease	Dr. Laura Wozniak	2
Developmental Pediatrics	Dr. Lilia Castillo	2
Failure to Thrive	Dr. Carlos Lerner	2
Pediatric Social Work Issues	Dr. Lilia Castillo	2
Pediatric Medicine Guest Lecturer	Dr. Cameron Escovedo	2
Pediatric Medicine Guest Lecturer	Dr. Robert Morris	2
Exam Review / Final Exam	Dr. Irene Hendrickson	4

Part B

Offered yearly to 2nd year residents in the fall and winter quarters.

Title	Lecturer	Hours
Pediatric & Family Nurse Practitioners	Dr. Nancy Pike & Dr. Laurie Love	2
Pediatric Obesity & Nutrition	Dr. Cambria Garell	2
Complementary & Alternative Medicine in Pediatrics	Dr. Cambria Garell	2
Pediatric Nutrition: Cooking Kitchen	Dr. Cambria Garell	2
Pediatric Mental Health	Adeline Bortz	2
CDA Online Vaccine Training	CDA	2
Family Medical IPE Lecture	Dr. Denise Sur	2

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