

Pre-Clerkship Pediatric Education

Category	Learning Activities	Additional Notes
Basic Science Integration	<ul style="list-style-type: none"> ● Include pediatric diseases in foundational science courses ● Include pediatric cases in problem-based learning ● Develop a longitudinal curriculum on child health, development, and illness and integrate into relevant organ-system based classes 	<ul style="list-style-type: none"> ● Helpful to have pediatric representation on curricular committees, consider advocating for a Pediatric Discipline Director or similar role ● Example longitudinal curriculum integrated into basic science courses (thanks to Adam Weinstein, MD)
History-Taking	<ul style="list-style-type: none"> ● Didactics: <ul style="list-style-type: none"> ○ Approach to the pediatric history ● Patients: <ul style="list-style-type: none"> ○ Inpatient volunteers ○ Primary care clinics ○ Adolescent peer educators for HEADSS/SSHADESS ○ College student volunteers ○ Home visits ○ Pediatric/family medicine longitudinal clinic placements ● Technology: <ul style="list-style-type: none"> ○ Simulation ○ AI simulated patients/chat-bots 	<ul style="list-style-type: none"> ● Great opportunity to utilize 4th year students/pediatric student chiefs as preceptors
Physical Exam	<ul style="list-style-type: none"> ● Didactics: <ul style="list-style-type: none"> ○ Approach to the pediatric exam ○ Different age groups ● Observational sessions (great for observation of developmental milestones): <ul style="list-style-type: none"> ○ Partner with local daycare centers, preschools, elementary schools, school-based clinics ○ Video-based sessions ○ Children of faculty, trainees, SPs ● Hands-on PE skills: <ul style="list-style-type: none"> ○ Bedside exams of inpatients ○ Pediatric primary care offices ○ Children of faculty, trainees, SPs (non-invasive exams) ○ Pediatric/family medicine longitudinal clinic placements ● Technology: <ul style="list-style-type: none"> ○ Simulation ○ Virtual reality ○ Embed video-based modules re: unique aspects of pediatric PE in foundational exam teaching 	<ul style="list-style-type: none"> ● Videos to highlight how much can be learned through careful observation (widely applicable PE skill for all students) ● Build community partnerships with local daycares, schools, programs for children ● Engage specialists in teaching specific exams as a way to both teach key concepts AND expose students to the breadth of pediatric specialists.
Theme-Based Learning	<p>Climate health, Communication, Chronic Illness, Ethics, Evidence-based medicine, Health care policy/costs, Health equity, Injury prevention, Physician as advocate, Preventative health/screening, Research skills, Sex & gender minority health, Social determinants of health, Trauma-informed care, Vaccines</p>	<ul style="list-style-type: none"> ● Identify the curricular needs of your medical school, and sponsor pediatricians to teach this content.
Co-Curricular Opportunities	<p>Advocacy, Curricular design, Mentorship, Pediatric Interest Group, Pediatric Student Chiefs/Near-Peer Advising, Research, Service opportunities</p>	<ul style="list-style-type: none"> ● If any elements (e.g., research) are required, ensure pediatric representation! ● Don't go it alone – access national resources and collaborations.