# Pediatric Cardiology

**Course Director**  
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PEDS/Cardiology  
East Carolina Heart Institute at ECU (ECHI at ECU)  
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Room 1229

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**Assistant:** Kim Jones  williamski@ecu.edu

**Max Enrollment per Block**  2

**Duration**  
4 weeks preferred (2 weeks with special permission by course director)

**Meeting Place**  
Contact Course Director prior to the start date

**Meeting Time**  
Blocks Offered  
All blocks

**Goals**  
This selective should provide an appreciation of the work-up of a pediatric patient who presents with a heart murmur, cyanosis, arrhythmia, or other cardiovascular problems. The clinical manifestations, laboratory findings, surgical approaches, and natural history of various common cardiac disorders will be emphasized in both clinical and didactic sessions.

**Objectives**  
- Understand the physiology and anatomy of congenital heart disease – basic knowledge  
- Perform a pediatric cardiac exam – a disciplined approach  
- Recognize pediatric dysrhythmia – basic knowledge  
- Introduction into the specific pediatric cardiology invasive procedures including catheterization and intervention as well as electrophysiology studies

**Activities/Student Experience**  
The medical students on the rotation will be expected to attend the cardiac clinics, participate with inpatient rounds with post-operative patients and consults, and attend electrophysiology studies/ablations, cardiac catheterizations and interventions as well as observe fetal echocardiograms. However, the rotation can be tailored to the student’s needs and objectives. In addition, the interpretation of pediatric electrocardiograms will be included in the clinic and inpatient curriculum.

**Evaluation**  
- Clinical Evaluation (Knowledge/Skills/Case Write-ups)  
- Participation

**Date Updated**  
12-2013 SEA