

***Biomedical Informatics Grand Rounds***  
**Wednesday, April 6th, 2022 3:00 pm – 4:00 pm**



**Alarm Fatigue and Making Decision  
Support Better**

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**Remote Access**

Join Zoom Meeting <https://stonybrook.zoom.us/j/95617197636?pwd=KytzZ2pVRG9SZGpKZUtpNXJISjNjZz09>  
Meeting ID: 956 1719 7636 Passcode: 924293

**Bio:** Dr. Juan Chaparro is a pediatric physician informaticist at Nationwide Children's Hospital in Columbus, Ohio. He received his medical degree from the University of Southern California, and then went on to complete post-graduate training at Washington University in St. Louis, the University of California San Diego and Rady Children's Hospital. His work at Nationwide primarily focuses on clinical decision support systems and clinical pathways, and he is one of the founding members of the Pediatric CDS Collaborative, a growing research collaborative of 8 children's hospitals working to improve pediatric CDS to reduce alarm fatigue while improving care for our patients.

**Abstract:** Clinical Decision Support is one of the most highly touted benefits of using Electronic Health Record systems. However, the promised panacea of the interruptive alert has given rise to increasing numbers of requests for this invasive method of CDS, and subsequently increased the volume of alerts seen by providers. This talk will review the potential harms of interruptive alerting, describe our institutional experience monitoring and identifying poorly performing alerts, and discuss methods to better track alert burden across various care areas and user types.

**Educational Objects:** Upon completion, participants should be able to:

- Attendees should understand the potential negative effects of interruptive CDS systems.
- Attendees should come away with several methods of identifying alerts that are malfunctioning or poorly targeted.
- Attendees will learn strengths/shortcomings of various alert frequency metrics.

**Disclosure Statement:** The faculty and planners have no relevant financial relationship with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing health care products used by or on patients.

**Continuing Medical Education Credits:** The School of Medicine, State University of New York at Stony Brook, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The School of Medicine, State University of New York at Stony Brook designates this live activity for a maximum of **1 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.