# Big Splashes & Ripple Effects: The Short- and Long-term Impact of Georgia CTSA-supported Pediatric Publications



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# INTRODUCTION



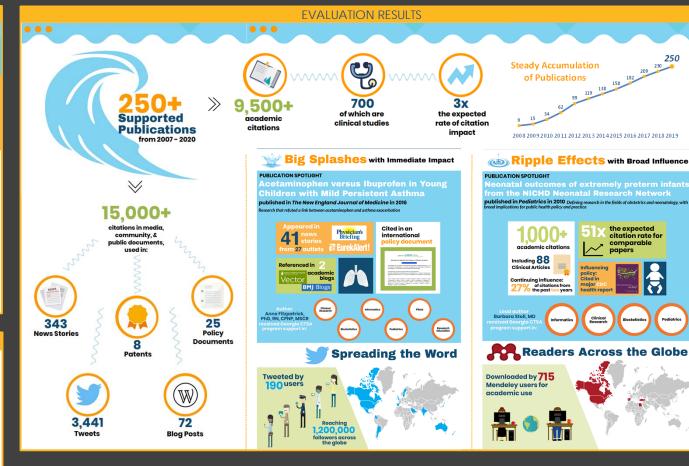


**EVALUATING IMPACT & TRANSLATION** 

- How are Pediatrics
  publications making waves?
- Bibliometrics, the study of supported publications, is used to evaluate the scope and impact of research programs
- Past research had limited ability to connect support provided to research outputs and to contextualize types of impact over time
- We evaluated Georgia CTSA support provided to investigators conducting pediatric research, a field that spans diverse research fields and is of strong interest to the broader community, and the publications that resulted from this support

### **PROCESS**

- Records of Georgia CTSA support (e.g. clinical/ expert support, pilot/training grants) and acknowledgement of grant support identified a portfolio of pediatric articles published over the past 11 years
- To assess short-term impact or 'splash' made by articles we collected Altmetric Attention Scores from Dimensions, incl.:
  - · Media/community attention
  - · Early peer evaluation
  - · Early academic readership
- To assess long-term impact or 'ripple effects' of articles we collected citation data from iCite and Dimensions, incl.:
  - · Accumulated citations and impact factor
  - Use in subsequent products and public documents
  - · Translation to clinical use



# **OUTCOMES & IMPLICATIONS**

- Altmetrics results paint an early picture of the considerable interest shown to supported pediatric publications and provide a preliminary indicator of the eventual impact of 'big splash' papers
- Results of cumulative Citations in academic and public forums show the above-average downstream influence, or 'ripple effects' of supported articles over time
  - > Both show how papers have resulted in significant advances along the translational spectrum
- This research informs our understanding of the aggregate impact of Georgia-CTSA supported pediatric research and identifies specific research areas with the most notable short- and long- term impact

# CONTACT

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