

## College of Nursing

### **Center for Clinical & Translational** Science



Collect and annotate patient reported and activity data, as well as inform participants on their clinical and environmental feedback loops can be formed with participants through real-time survey assessments (EMA) triggered by sensor activity. Visualization tools can assist in managing conditions and provide a simple mechanism for facilitating interventions.

	REDCap • Generic HIPAA-compliant onlin research data collection
	eAsthmaTracker • Integrated asthma patient self- and clinician communication pla
Vocutinity@mel Particulate & Cleaning w elation Note Train (2000)	Activity Annotator <ul> <li>Tool for research participants to</li> </ul>
Const Const Relations Rung O S Forgenetisment Upticed test1 Contained Contained Days subject signed contained Drop Scient Field yss 1 yss 1 (1 min field) (1	<ul> <li>Ecological Momentary As</li> <li>Capture participants' current be real time, in subjects' natural er</li> </ul>

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# The Utah PRISMS Informatics Ecosystem: An Infrastructure for Generating and Utilizing Exposomes for Translational Research

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## Pediatrics **Biomedical Informatics**

processes for researchers undertaking

Standards-based, central big data federation & integration open-access infrastructure that integrates and modeled biomedical with uncertainties associated with using these