

Research Grants:

Active Grants:

- 2018-2021 Principal Investigator
Rising STARS Award
Source: The University of Texas System; Amount: \$500,000
- 2018-2021 Principal Investigator
Internal Grant
Source: The Office of Provost, UT Tyler; Amount: \$100,000
- 2016-2021 Principal Investigator (Analytical Core)
Prematurity-related ventilatory control (Pre-Vent)
Source: National Institute of Health (NIH); Amount: \$2,455,474 (\$518,645 for UT-Tyler) (PI: Namasivayam Ambalvanan, UAB)
- 2016-2019 Co- Investigator
Design of a wearable sensor system and associated algorithm to track suicidal ideation from movement variability and develop a novel objective marker of suicidal ideation and behavior risk in veterans.
Source: Department of Veterans Affairs (VA); Amount: \$359,996 (\$55,900 for UT-Tyler) (PI: Eric Smith, VA)

Completed Grants (Last 5 years):

- 2014-2017 Lead Principal Investigator, SCH: EXP: Collaborative Research:
Design of a wearable biosensor system with wireless network for the remote detection of life threatening events in neonates
Source: NSF; Amount: \$656,583 (\$144,754 transferred to UT-Tyler);
(Co-PIs: David Paydarfar, UT-Austin; Honggang Wang & Yong Kim, UMASS Dartmouth)
- 2015-2016 Principal Investigator (on subcontract)
Development of an algorithm to detect and score asthmatic breathing/wheezing respiratory signal of pediatric subjects
Source: Wyss Institute; Amount: NA (\$34,028 for subcontract)
(PI: Don Ingber & Benjamin Mathews, HMS)

2013-2015

Investigator

Abstinence and Drug Withdrawal: Innovative Translational Approach for Neonates.

Source: NIH; Amount: \$431,156

(PI: Elisabeth Bloch-Salisbury, UMMS)

2010-2014

Investigator

Circadian Biology at the Supra-Organismal level.

Source: NIH; Amount: \$1,537,101

(PI: William Schwartz, UMMS)

2010-2014

Investigator

New Technologies for Detection and Treatment of Infant Apnea.

Source: Wyss Institute; Amount: \$958,263

(PI: David Paydarfar, UMMS)