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| **2016 Women for ATSU Awards Application** | |
| **Timestamp** | 3/15/2016 15:33:52 |
| **PROJECT TITLE** | Eko Heart Project |
| **FUNDING REQUEST** | $3,489 |
| **PROJECT BUDGET** | Eko Core Bundle Stethoscope, ten (10) units at $299\* each, $2,990 iPad Mini, one(1) at $499 |
| **MINIMUM FUNDING REQUESTED** | Eko Core Bundle Stethoscope, six (6) units at $239.20\* each, $1,435   \* The author has a connection with the company and was told he could obtain a 20% discount. Normally no discounts are provided. |
| BRIEF PROJECT DESCRIPTION | Purchase the Eko Core Bundle and an iPad to use on the current inter-professional heart failure project and during other campus medical events. The Eko Core is the first of its kind electronic stethoscope that digitally amplifies heart and lung sounds. It then wireless connects to a smartphone app which permits the sound to be transmitted to a HIPAA secured Web site. The sounds may be sent on to the patients physician(s) or de-identified for teaching.  What is Eko? https://www.youtube.com/watch?v=qnM\_dZVTQPg |
| **EXPECTED OUTCOMES** | 1. Student & faculty introduction to telemedicine medical devices 2. Student will learn how to present a patient in real-time to a clinician 3. Student will learn how to collect patient bio-data for later referencing 4. Create a database of de-identified heart & lung sounds case scenarios 5. Use for immediate consultation of abnormal heart & lungs sounds to a supervising faculty member and/or private physician. |
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| **DEAN’S APPROVAL** | Yes |