SolarSPELL BMET Library
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**Motivation**
- Organizations donate up to 80% of equipment used in hospitals and clinics in developing countries\(^1\)
- However, age of devices and lack of information about devices leads to 40% of devices being out of service\(^2\), and thus preventable deaths
- SolarSPELL BMET library created and piloted in 2017 in Tanzania and Rwanda
- Offline library contains user and service manuals for technicians in resource-constrained areas
- SolarSPELL BMET library gives technicians access to critical resources, such as machine user and service manuals

**Underlying Technology**
- SolarSPELL unit creates a WiFi hotspot when turned on - about **25 devices** can connect at a time
- Anyone on the hotspot can access the materials on the library, even without internet access!

**Building BMET Library**
- Add and improve content of BMET library by contacting medical equipment manufacturers for user and service manuals
- Solidify **partnership** and pilot **training** plan with Makerere University, Uganda
- Formulate implementation plan and refine training
- Apply for grants for funding of project

**Spring 2020 Accomplishments**
- Changemaker Challenge Grant **finalist**
- Solidified partnership and formulated BMEHOP Training Implementation plan with Makerere University, Uganda
- 143 manufacturers contacted
- 212 manuals added

**Obstacles**
- No response from manufacturers
- Coronavirus restricting travel plans to Makerere University BMEHOP Training Implementation Event
- Awaiting responses from partners

**Future Work**
- Continue to add and improve content of BMET library
- Travel to **Uganda** during 2020 winter break to implement training of the library

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**References**