Alliance for Innovative Medical Technology (AIMTech)  
Bill L. Harbert Institute for Innovation and Entrepreneurship  

Pilot Grants in Medical Device Development- Call for Proposals

Deadline for Proposals: **Monday, April 4, 2016- 5:00 PM CT**

The Alliance for Innovative Medical Technology (AIMTech) is a joint effort between UAB and Southern Research to develop and commercialize medical technologies. AIMTech plans to fund pilot grants of up to $20,000 for 12 months based on technical and market milestones. Total number of projects funded will depend on final budgets, with a target for funding five projects. These funds will be available to a team of developers with varied skill sets that will include the originators of the possible device. The goal will be to further the commercialization development of medical device and technology concepts including, for instance, working prototypes and performance evaluations. Additional support that could become available includes patent application costs and external market assessments.

Please note that the following topics are beyond the scope of the solicitation and will not be considered:

- Drug discovery or development, including target identification and validation
- Development of medical technologies for which other parties own the Intellectual Property (IP) or for which no IP can be reasonably developed

All UAB and Southern Research investigators, irrespective of affiliation or rank, who wish to develop medical device concepts are eligible to apply.

**Prerequisite:** Applicants must submit an Intellectual Property Disclosure (IPD) form to their affiliate organization (UAB Bill L. Harbert Institute for Innovation and Entrepreneurship or Southern Research) describing the medical device technology prior to application to this pilot grant. UAB IPD forms are [here](#). For questions about the UAB IPD’s please contact Stacey Kelpke at skelpke@uab.edu.

Submit your application as a single PDF for the deadline to aimtech@uab.edu. The application should, as completely as is possible, include:

1. **Title of project, Principal Investigator names, institution, department and contact information**
2. **Principal investigators NIH biosketch or resume**
3. **Answers to the questions listed below with a **maximum of 4 pages**, no less than 11 pt Arial, Calibri or Times New Roman font, 0.5” margins**
   a. **Clinical Need**- Include significance and estimated patient population/year if known.
   b. **Technical Solution**- Include description along with any prior testing and evaluation. What is the status of your device idea?
c. Current Practice and Competition. What are best practices now? How will your device be superior to existing devices and practices?
d. Potential Commercialization and Development Challenges- Include how to overcome them. What are the current practices and products?
e. Intellectual Property Status- Provide UAB or Southern Research IPD case number.
f. Project Timeline and Milestones- Include initial key prototypes that could be developed with the right team, typically over a 3-6 month period, to establish proof of concept. Provide 2-4 milestones for the project, their proposed start time and duration with an anticipated start date of May 2, 2016.
g. Future Goals- How will the Pilot Funds position the program for future investments or funding?
h. References/Literature Cited- (Does not count towards the page limit.)

Applications will be evaluated by a review committee composed of technical and business experts for technical merit, clinical need, and market and business justification. Technologies that are selected will receive AIMTech assistance including the recruitment of necessary additional expertise and mentoring with:

- Technical design, prototype builds and evaluations
- Market analysis, including third party evaluations
- Market and customer discovery program
- Patent and literature search and analysis
- Patent application preparation and filing

Awards are expected to be announced April 22, 2016. Projects will be reviewed quarterly by AIMTech Program Director and Oversight Committee to evaluate progress against milestones. Programs not making progress against technical or market milestones may be terminated and no further funds allocated to the project.

For any questions, or if you wish to discuss your application prior to submission, please contact the AIMTech Program Director:

Bob Hergenrother, PhD
hergenro@uab.edu
(205) 581-2328