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MU Biodesign and Innovation Collaboration is the Key

Program Sponsors:

Department of Surgery

Co-director: Paul Dale, MD

College of Engineering

Co-director: Gregg Scheller

Missouri Technology Corporation

Program Coordinator:

Megan Jahnsen

Administrative Assistant

Whitney Hays

Website

www.MUBIODESIGN.com

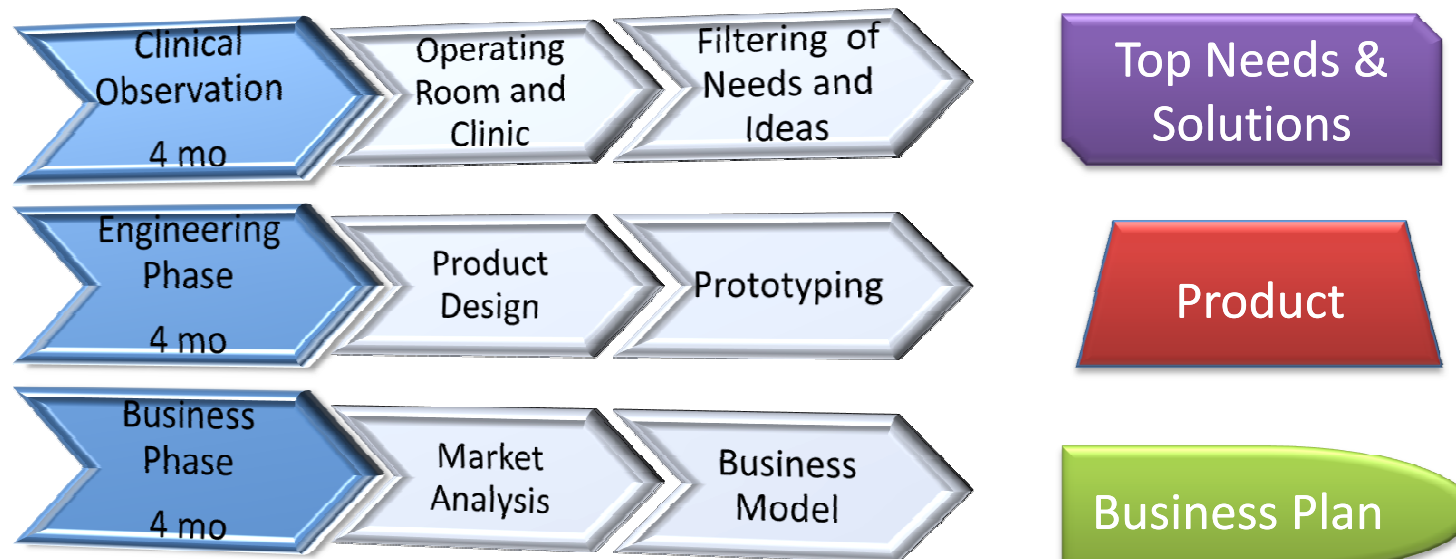


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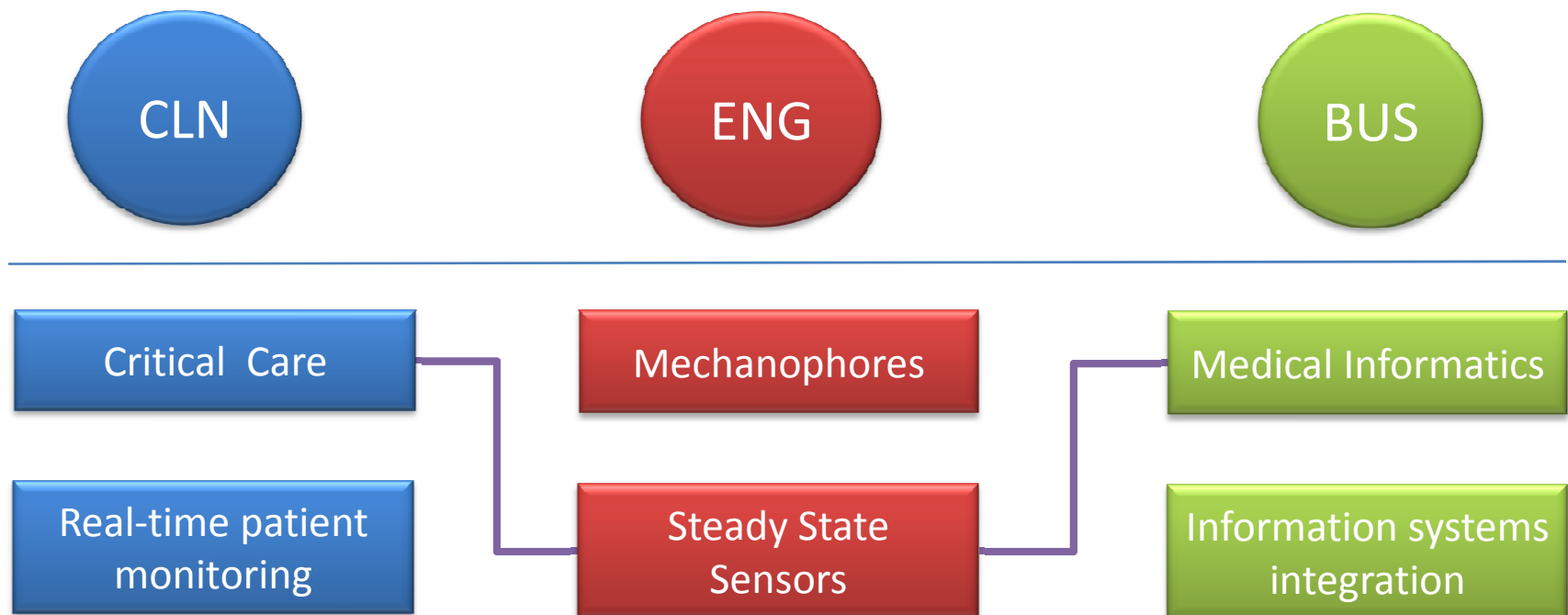
Missouri
REGIONAL LIFE SCIENCES SUMMIT

MU Biodesign and Innovation Fellowship

- Education of Idea to Market
- First group of fellows 2007
- 3 Person Fellowship Team Selection Process
 - Physician-Surgical Resident, Medical Resident
 - Engineer-M.S. or higher
 - Business Professional-MBA



Facilitate Open Sharing of Ideas



Output of MUBIP Fellowship

- >400 CLINICAL NEEDS IDENTIFIED
- 18 Invention Disclosures
 - 1/8 of all FY09 Columbia campus disclosures
- 2 Provisional Patents Filed
- Prototype Animal Testing
- Founding of Limited Liability Company
 - SBIR application submitted
- Potential License to Industry
 - Laparoscopic Suction Device
- Sponsored Research Agreement
 - Discussion with A Medical Device Company

MUBIP STRENGTHS AND CHALLENGES

- Fosters Interdisciplinary Research at Faculty Level
 - Screening of Circulating Cancer Cells
- Proximity Promotes Collaboration
 - Schools of Medicine, Engineering, Business, Law and Veterinary Medicine and large tertiary hospital all on 1 campus
- Assists in Undergraduate Capstone Course
 - Mechanical and Biological Engineering
- “Super” Second Year Fellow
 - Focused on Commercialization and Product Development
- Challenges
 - Sustainable Funding
 - “Valley of Death” for Early Stage Projects