Bench to Bedside (B2B) Medical Device Design Competition

Patrick D. Loftus
Bob Chestnut
Library and Information Technology Forum
March 27, 2013
What is B2B?

- Student Run Medical Device Design Competition
- Founded in 2010

Our goal is to create an environment where young professionals in medicine, engineering, and business can learn to work together in a dynamic team and begin to develop the skills necessary to design, develop, and commercialize new medical technology.
University Resources:
1. Center for Medical Innovation
2. Startup Center for Students (StaC)
3. Technology Commercialization Office
4. TCO Prototyping Accelerator
5. University Faculty
6. Library Innovation Team

B2B Overview:

Student Team

- Medicine
- Engineering
- Business

New Company Licensing Commercialization
What is B2B?

- **Output:**
  - Identify a Clinical Problem
  - Solve the Problem
  - Design/Prototype
  - Preliminary Patent
  - Poster Presentation
  - Investor Pitch
  - Patent*
  - Commercialize*

6 months + $500
Total Number of Participating Students - 2012

- Business Students, 12
- Engineering Students, 22
- Medical Students, 23
2012 Team Demographics

Total Number of Participating Students by Team - 2012
## 2011, 2012 Results

<table>
<thead>
<tr>
<th>2011</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 Student Teams</td>
<td>14 Student Teams</td>
</tr>
<tr>
<td>12 Provisional Patents Filed</td>
<td>13 Provisional Patents Filed</td>
</tr>
<tr>
<td>4 LLC’s Started</td>
<td>1 Utility Patent Filed</td>
</tr>
<tr>
<td>1 Team Launching in Mongolia</td>
<td></td>
</tr>
</tbody>
</table>

+ $140,000 in prize money
Financial Sponsors

- Contributed $140,000 in prize money
- Impacted over 135 students
- United 3 University Colleges
- Helped 27 teams compete to create 28 medical devices
- Empowered students to innovate solutions to clinical problems
Library Sponsors

- Jean Shipman
- Jeanne Le Ber
- Dave Morrison
- Peter Kraus
- Peter Jones
- Amy Honisett

Research: clinical, business, marketing, patent, IP, technology commercialization
- Space, room reservation
- Business Model Poster
- Student Posters on Electronic Monitors
- Trainings/Seminars: Patent, EndNote
- After hours access to HSEB
3rd Annual Competition

- April 12, 2013
- 6-8:30 PM
- The Point
- Huntsman Cancer Institute

cmi.uofuhealthsciences.org

http://healthsciences.utah.edu/center-for-medical-innovation/students/bench-to-bedside.php