

Decreasing Anxiety in Pediatric Anesthesia



Ben Chortkoff, MD
Professor (Clinical)
Dept. of Anesthesiology
University of Utah





University Resources

- Business, Financial, Engineering, and Idea development
 - TVC – Technology & Venture Commercialization
 - Bio-Engineering School
 - School of Business
 - Gapp Lab
 - I – CORPS (NSF)
 - Bench to Bedside

T.V.C.

Technology & Venture Commercialization

- Invention Disclosure
 - Help define and protect intellectual property
- Engine Funding Program
 - Meet with community entrepreneurs
- Lean Canvas Program
 - 7 weeks with an Entrepreneurial Lead
 - Validate the problem
 - Validate that the technology provides a solution
 - Identify the market

School of Bio-Engineering

- Dr. Tomasz Peterlenz

- Research Assoc. Prof.



- Dr. Kelly Broadhead

- Academic Advisor Undergraduate Program

- Team of Students

- Ana Chacin, Alberto Fuentes, Dan Mcclellan, and Shaswat Chapagain

School of Business

- Digital Innovation Class

- Chris Wasden, EdD.

- Professor of Innovation

- Sorenson Center for Discovery & Innovation

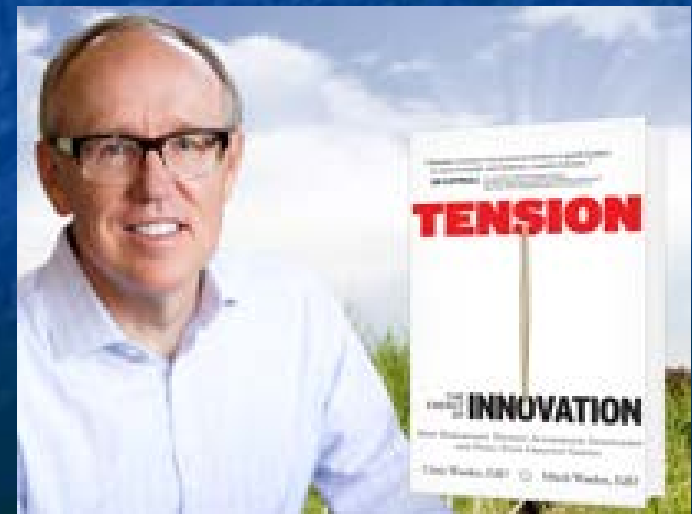
- David Eccles School of Business

- Two groups of students

- Design thinking

- Prototyping

- Business Modeling



Gapp Lab

Therapeutic Games & Apps Lab

- Collaboration between:
 - Center for Medical Innovation
 - &
 - Entertainment Arts & Engineering
- Roger Altizer, PhD
 - Director of Digital Medicine
 - Director Therapeutic Games
 - Assoc. Director E A & E



National Science Foundation Innovation Corps Program (i-Corps)



- \$3,000 NSF seed grant
- Mentoring Services
- Education & Resources (weekly offerings)
- Qualify to apply for full NSF team grants

John Langell, MD, PhD, MPH, MBA
Vice Dean, Innovation
Executive Director, Center for Med Innov.

Bench to Bedside

- Multidisciplinary student teams
 - Our team has participants from TVC, Bioengineering and business school
- Competing for over \$70,000 in potential funds to further develop their projects
- Exposure to entrepreneurs, engineers & potential investors

Closer to our Goal & Enjoying the Process

