



Information Session

About First Step

- ▶ Created by the College of Health Science (CHS)
- ▶ Operated in partnership between CHS and the Horn Program in Entrepreneurship



Why First Step?

- ▶ Make a positive impact
- ▶ Gain funding and other support
- ▶ Valuable experience
- ▶ Follow-on opportunities



A word on its success...



Agenda

- ▶ Program overview
- ▶ Team composition and mentors
- ▶ Grand challenges
- ▶ Deliverables & timelines
- ▶ Application process
- ▶ Review criteria & awards
- ▶ Q&A
- ▶ Meet up & discuss ideas



Program Overview

- ▶ Cross-college, co-curricular program for undergraduates
- ▶ Identify and work to solve important problems
- ▶ Activities: problem understanding & solution development
- ▶ Supported by faculty and community/entrepreneurial mentor
- ▶ \$500 grant to support each team
- ▶ \$25,000 total funding



Team Composition

- ▶ Two to five students per team
- ▶ Team members from **AT LEAST** two colleges
- ▶ At least one non-senior



Team Mentors

- ▶ Strongly encouraged to recruit a UD faculty AND community/entrepreneurial mentor
- ▶ Faculty mentors: guidance and feedback
- ▶ Community mentors: practitioner perspective and connections
- ▶ Mentor Expectations
 - ▶ 1-2 team meetings per month
 - ▶ 10-20 hours total time commitment for mentors
 - ▶ Good listeners and coaches
- ▶ Recruiting assistance will be available

Grand Challenges

Huge problems such as improving health, education and environmental outcomes worldwide through the use of technology and innovative design approached

- ▶ [United Nations Sustainable Development Goals](#)
- ▶ [National Academy of Engineering](#)
- ▶ [Global Health](#)
- ▶ UD Strategic Plan



United Nations Grand Challenges

- ▶ Ending poverty and hunger
- ▶ Achieving universal primary education
- ▶ Promoting gender equality and empowering women
- ▶ Reducing child mortality and improving maternal health
- ▶ Combat HIV/AIDS, malaria and other diseases
- ▶ Ensure environmental sustainability
- ▶ Create a global partnership for development



NAE Grand Challenges

- ▶ making solar energy economical
- ▶ providing energy from fusion
- ▶ developing carbon sequestration
- ▶ managing the nitrogen cycle
- ▶ providing access to clean water
- ▶ restoring and improving urban infrastructure
- ▶ advancing health informatics
- ▶ engineering better medicines
- ▶ reverse-engineering the brain
- ▶ preventing nuclear terror
- ▶ securing cyberspace
- ▶ enhancing virtual reality
- ▶ advancing personalized learning
- ▶ engineering the tools of scientific discovery



Project Deliverables

- ▶ Types of projects: policy, program, practice, technology, social venture, product, research or business
- ▶ Required Deliverables
 - ▶ 3-5 page project summary (& expenditure report)
 - ▶ Elevator pitch
 - ▶ Project poster
- ▶ Optional Deliverables
 - ▶ Video, prototypes, etc.



Timeline

- ▶ October 9: Applications DUE
- ▶ October 17: Incubator event (5-7pm)
- ▶ October 20: Teams notified of \$500 grant award
- ▶ October 30: Kickoff Workshop Event (5-7pm)
- ▶ November - February 2018: Monthly meetings with mentors
- ▶ February 12: Check-in event (5-7pm)
- ▶ February 26: PowerPoint presentation pitch/Report prep
- ▶ March 11: Written projects & PowerPoints DUE
- ▶ April 2: Posters presentations and awards dinner (5-8:30pm)
- ▶ TBA: Hen Hatch & Innovation Showcase

Application Process

- ▶ Visit www.udel.edu/firststep
- ▶ Complete an application
 - ▶ Team members
 - ▶ Name, UD ID, email, major/minor, graduation year
 - ▶ Challenge/problem being addressed
 - ▶ Proposed solution
 - ▶ Why you?
- ▶ DUE by 11:59pm on Monday, October 9th



Project Selection & Review Criteria

- ▶ Feasibility
- ▶ Societal and environmental impact
- ▶ Innovativeness



Awards

- ▶ 1st place: \$5,000 award (\$1,500 cash; \$3,500 grant)
- ▶ 2nd place: \$2,500 award (\$1,000 cash; \$1,500 grant)
- ▶ 3rd place: \$1,000 award (\$500 cash; \$500 grant)
- ▶ INNOVATION PRIZE: \$1,500 award



Q&A

