

Dive into the WVCTSI Shark Tank!

Following the success of last year's event, WVCTSI is excited to announce its second annual Shark Tank! A grand prize of \$10,000 will be awarded to the top team/individual, and this year we are offering a runner-up prize of \$5000.

Shark Tank Rules:

1. Each person (or team) can submit one idea for the competition.
 - Consider inefficient or unpredictable experimental procedures and possible solutions
 - Consider standardized assessments needed to provide more effective patient care.
2. Develop a feasible solution and submit a summary.
The summary must include the following points and provide **no more than 3 sentences of explanation per point.**
 - The Problem:
 - The Solution:
 - Potential Impact:
 - Who Should Care?
 - Who is the Competition?
 - Potential returns on investment:
2. Up to 8 submissions will be selected to give a 3-minute pitch in the Shark Tank at the WVCTSI Annual Meeting (Waterfront Place Hotel, Morgantown, May 16th, 2018).
 - Up to 3 people may participate in each presentation.
3. The Sharks will select one team/individual for a grand prize of \$10,000, and a second team/individual for a runner up prize of \$5000, to be put toward further development of their idea. The winners will be announced during the WVCTSI Annual Meeting awards ceremony on May 17th, 2018.

Submit your ideas to Emily Morgan (emorgan4@hsc.wvu.edu) by 5pm on April 27th, 2018.

Who is eligible?

All WVCTSI members including but not limited to: clinicians, community members, scientists

Who is NOT eligible?

Members of the WVCTSI Steering Committee and teams under direct supervision of the Sharks (judges).

EXAMPLES:

1. Example of a device idea:

The Problem: Virus injections into neonatal mice are inexact because the animal's head cannot be restrained using a stereotaxic apparatus, and puncturing the skull with a pipette will shift head position during the surgery.

The Solution: Design a lightweight support frame to sit alongside the animal's head and across the snout and produce the frame on a 3D printer.

Who Should Care? Developmental biologists who seek to manipulate gene expression at young ages will want to improve the success rate of their experiments.

Who is the Competition? Quick research did not turn up any competing devices.

2. Example of a community based idea:

The Problem: Chronic Pain management in the WV Primary Care.

The Solution: Design an interactive toolkit that will walk Physicians through the proper steps of managing chronic pain patients. This toolkit will allow them easy access to information and best practices for their clinic.

Who Should Care? Primary Care physicians as it will help with workflow, readmissions, and will improve patient care.

Who is the Competition? Potentially other toolkits from other services