Patrick Calhoun
Title of Invention: “Offshore Desalination Plant Utilizing Environmental Energy”
Title of Invention: “Deferred Action Saltwater Battery for Backup Power”

Dominic Gelfuso
Title of Invention: “Sanguine: A Self-Testing Blood Donation Storage Bag or Collection Tube- A Rapid, Low-cost, point-of-care diagnostic system”

Daryian Rhysing
Title of Invention: “Inter-Connecting Clamp”

Andreas Parpas
Title of Invention: “Coilmate 2.0 Coil Jig and Wire Annealer”

David Haggerty
Nova Health Works - Compact, effective and affordable patches

James Cazzoli
Bloom Labs - Credit card sized inhalers

Dominic Gelfuso
Sanguine Diagnostics - Low cost, point of care Blood Screening

Daryian Rhysing
United Aircraft Technologies – Interconnecting Clamps
Innovation Spine
Series of Courses on Innovation

Inventor’s Studio 1 (MANE 2961)
  • Ideating innovation
  • IED/PD 1 alternate

Inventor’s Studio 2 (MANE 4220)
  • Prototyping innovation
  • Capstone class

Inventor’s Studio 3 (MANE 4965)
  • Scaling up innovation

Innovation Crucible
Hub Connecting Community of Innovators

  • Collaboration tools for interacting with internal and external innovators

  • Student run space for collaborative innovation, rapid prototyping & patenting innovation

  • Collaborate with MILL (Manufacturing Innovation Learning Lab) & Inventor’s Studio courses
MANE.Innovation Achievements 2016

- At least 2 provisional patents submitted to USPTO per semester by Inventor’s studio students (undergraduate)

- At least 2 startups launched per semester by Inventor’s Studio students (undergraduate)

- Graduate Students launched “The MANE Student Research & Design Journal” featuring papers from Inventor’s Studio students (undergraduate) & Undergraduate Research Projects.

- More than 50% of Inventor’s Studio students submit invention disclosures through RPI’s OTC.

- 2 New courses on “Ideation, Innovation and Rapid Prototyping” launched for undergraduate students (Inventor’s Studio 1 and 3)

- Innovation Crucible launched.

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