Transform Lab Research Into Products for Public Benefit

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University Initiated Pipeline for an Innovation Economy
UConn generates new discoveries that move through translational stages towards commercialization, investment, new companies, and new jobs for Connecticut.

1. BASIC/APPLIED RESEARCH & DISCOVERY (R&D)

   **RESOURCE NEEDS:**
   - Investments from external funding sources, e.g., industry, federal, state, and philanthropic sources
   - High-tech labs/equipment

2. TRANSFORMING R&D INTO NEW TECHNOLOGIES & COMMERCIAL OPPORTUNITIES

   **RESOURCE NEEDS:**
   - Early proof of concept funding
   - Experienced technology commercialization staff
   - Seed funding

3. CREATING NEW PRODUCTS, COMPANIES & JOBS

   **RESOURCE NEEDS:**
   - Experienced business/operations staff
   - Incubator space for growing startups
   - Seed investors and venture capital funding

UConn Research and Innovation Economic Driver for CT
Technology Commercialization Services

• In FY17
  • 20 new patents
  • 11 licenses and options
  • 61 inventions disclosed
  • 35+ Start-up companies
  • $51.9M capital raised
Technology Commercialization Services

- Patenting
- Licensing
- Industry outreach
- Start-up Incubator (TIP)
Products for Public Benefit

- Plants
- Inhibitors
- Vaccines
- Microbiome
- Software
- Cell therapy
- Gene Editing

Intellectual Property
  - Patent
  - License
  - Start-up
Technology Commercialization Services

• Faculty outreach
  • Individual meetings
  • Seminars
• Quick response
• Ongoing engagement
  • Update on opportunities
  • Mentoring
Invasive Shrub Battle

UConn Horticulturists Create Sterile Plants To Slow Spread

Dr. Mark Brand, Professor of Horticulture
Adapted from Hartford Courant, 2 June 2017
Animal Science

Dr. Cindy Tian, Professor

- Patenting
- Business pitch and plan
- Commercialization funding
- Start-up incubator (TIP)

The CCEI Summer Fellowship program helps UConn students and faculty launch new ventures.

Participants spend 3 days a week developing skills needed to bring new products and technologies to market and receiving one-on-one coaching from industry experts. Teams pursuing high-potential ventures who have formed through participation in other UConn entrepreneurship programs are encouraged to apply.

Application for 2018 opens 11/1
Technology Commercialization Services

- Intellectual property protection
- Marketing
- Licensing
- Business and investment contacts
- TIP (incubator)
Thank You