

Transform Lab Research Into Products for Public Benefit

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CAHNR Faculty/Staff Winter Workshop

11 September 2017

UConn Research and Innovation Economic Driver for CT

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

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

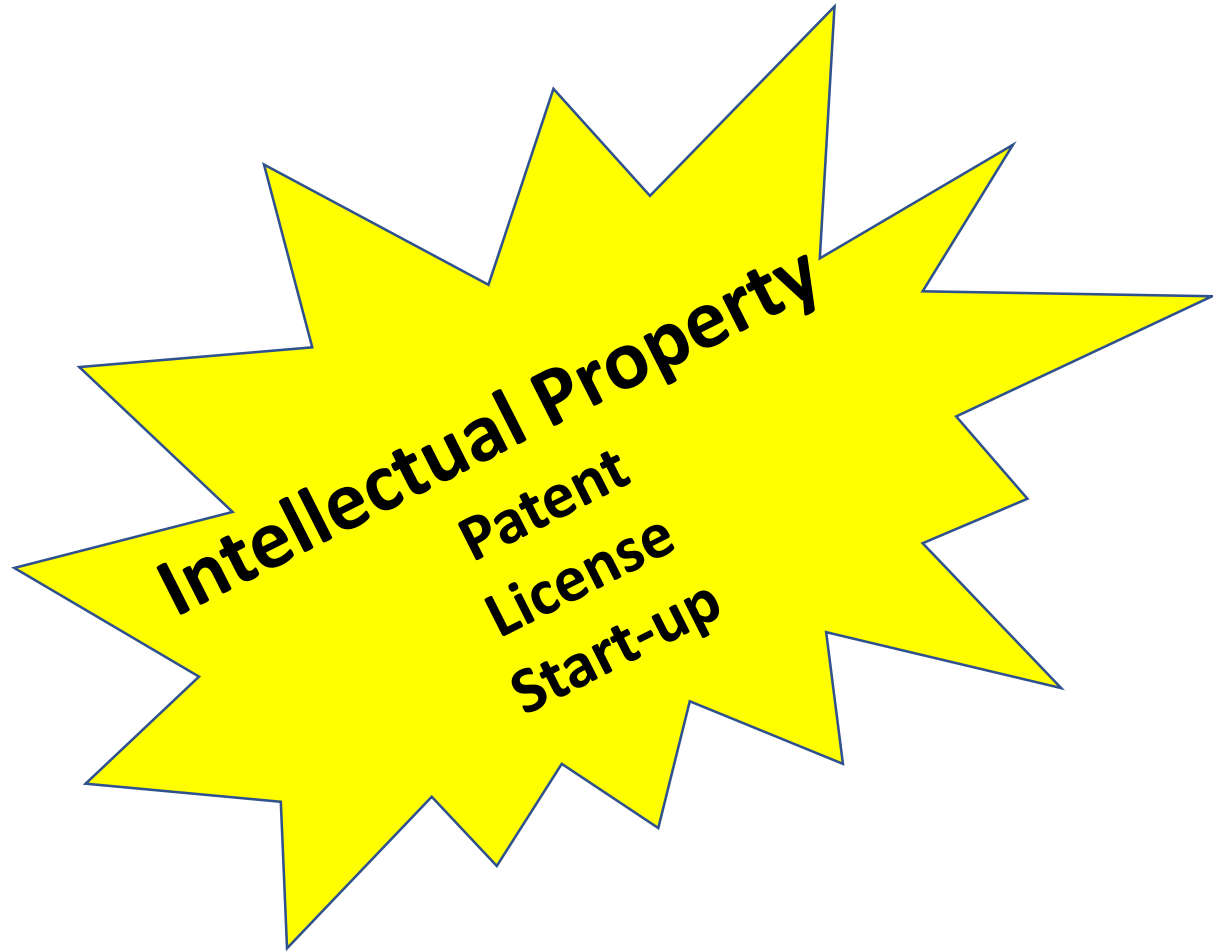
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TECHNOLOGY COMMERCIALIZATION SERVICES

- **Patenting**
- **Licensing**
- **Industry outreach**
- **Start-up Incubator (TIP)**

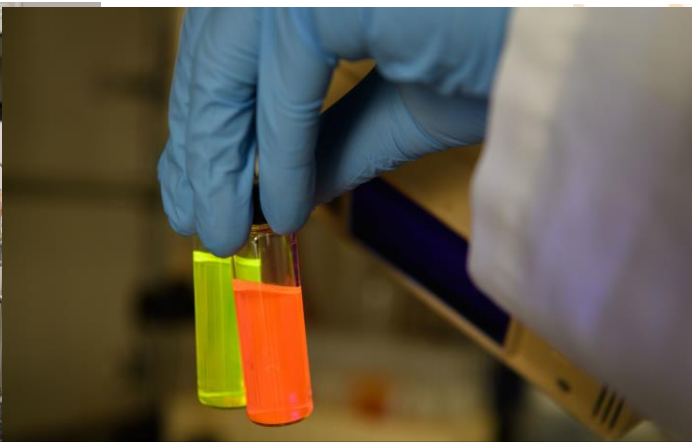
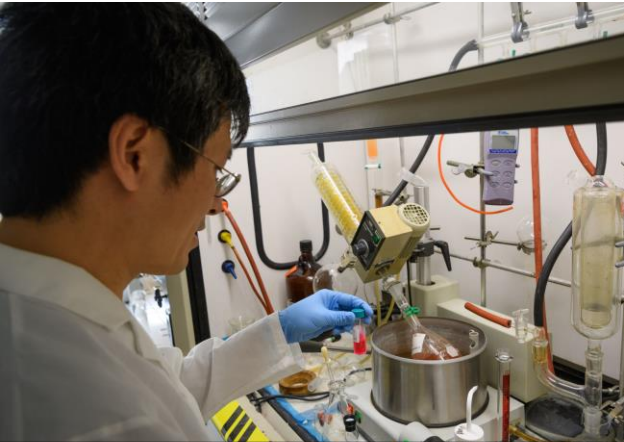
Products for Public Benefit

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



Technology Commercialization Services

- Faculty outreach
 - Individual meetings
 - Seminars
- Quick response
- Ongoing engagement
 - Update on opportunities
 - Mentoring



Plant Science

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

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