“TIP’s comprehensive and inclusive growth in the past three years has created a unique environment for entrepreneurs and innovators to build the next generation of technologies and ventures, which provide tremendous societal impact.”

Mostafa Analoui

In 2019, the UConn Technology Incubation Program (TIP) continued to grow, as captured by key metrics, which indicate overall health and success of our resident companies. In addition to attracting and nurturing firms at various stages of growth and from many sectors, TIP has evolved into a recognized hub for innovators, investors, and other corporate players across the state.

This has become possible through support and contributions by so many internal and external stakeholders, including UConn’s Office of the Vice President for Research and technology transfer team, our Executive In Residences (EIRs), the TIP Advisory Board, TIP staff and many more.

As we enter a new decade, TIP seeks not only to continue progress in existing areas, but to also seek new ways to build, support, and collaborate with innovative companies to help convert their ideas into impact.
2019 BY THE NUMBERS

QUICK FACTS

- 29,500 sq. ft. of labs & offices
- 44 wet labs
- 111 patents granted
- 55 offices
- 5,103 offices
- 167 patents filed
- 91% occupancy
- 74 patents in process
- $1,453,222 taxes paid by TIP companies

FUNDING IN MILLIONS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>2019</th>
<th>SINCE 2003</th>
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<tbody>
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<td>Equity &amp; Debt</td>
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<tr>
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<tr>
<td>Revenue</td>
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<td>Total</td>
<td>263.4</td>
<td>651.5</td>
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</table>

EMPLOYMENT

- Part-Time
  - 130
  - 73
  - 30
  - 26
  - 63
- Full-Time
  - 119
  - 91
  - 71
  - 50

NUMBER OF COMPANIES

- 8
- 1
- 14
- 3
- 4

STATES AND UNIVERSITIES WITH HIGH-POTENTIAL COMPANIES DEVELOPING CUTTING-EDGE TECHNOLOGIES

- California
- Massachusetts
- Connecticut
- Maryland
- Indiana
- Tennessee
- Canada
- Harvard
- Johns Hopkins
- MIT
- Notre Dame
- UConn
- Yale
**Software**
Health Information Alliance
Lincus (by o-o-o-o, inc.)
Oscilloscape
Savkar Inc.
TryCycle Data Systems

**Materials & Engineering**
1Touch
3D Array Technologies
Arax Engineering
C-TOP
Nanoionix
Solution Spray Technologies
VoltXon

**Medical Devices**
Avitus Orthopaedics
Biorasis
CytoVeris
Oral Fluid Dynamics
QRfertile
Simvize
Unisoft
YouComm

**Biotech**
3BC
Allyx
Arch Innotek
Azitra
Bactana
Carogen
Diant Pharma
Encapsulate
Evolve Immune
The Feel Good Lab
Frequency Therapeutics
ImStem Biotechnologies
LambdaVision
Lipid Genomics
Medisynergics
Mitotherapeutix
Oneness
Potentiometric Probes
QCDx
Quercus Molecular Design
Rallybio
Shoreline Biome
Stellate
Thetis Pharmaceuticals
Torigen Pharmaceuticals
Vanessa Research
Ashley Kalinauskas, UConn Alum and Founder/CEO of Torigen, makes Forbes’ 30 under 30 list. Torigen Pharmaceuticals secures $1.8M in Series A financing.

Vanessa Research, Inc. expands and opens office in Hungary. Vanessa Research, Inc. gains approval for Phase II clinical trial in Turkey for their flagship investigational drug targeting Davidson’s disease.

Frequency Therapeutics raised over $230.8M
- Frequency - IPO $88.6M
- Series B&C $62.2M
- License Revenue $80.0M
- Total $230.8M

Encapsulate wins 2019 International Space Station/Boeing Prize.

Thetis wins $2.3M NIH grant for chronic fatty liver disorder therapy.

“TIP is like a secret weapon for any early stage life science company based in Connecticut.”

John Kallassy, CEO, Bactana Corp.
“The facility is outstanding, the management team at TIP is supportive, and the networking opportunities with other TIP companies and program content is invaluable.”

Jeff Fryer, Co-Founder, Rallybio

Carogen, an immunotherapy startup, lands $0.7M NIH SBIR Grant to accelerate development of its lead drug candidate, a potential cure for chronically infected hepatitis B patients. Carogen wins AVIDIO immunotherapy patent.

Azitra completes $14.2M Series A financing.

LambdaVision CEO, Dr. Nicole Wagner, receives the Innovation in Biology and Medicine Award at the 2019 International Space Station R&D Conference.

Shoreline Biome, which will unveil the market’s first microbiome end-to-end sample prep kit, raised over $1.6M in equity.

“Accessible resources, resolute support, and an environment focused on success. That’s what entrepreneurs need; that’s what they get at UConn TIP.”

Richard Andrews, President and CEO, Azitra Inc.

Total number of TIP companies hit a record of 46 in the 2019 calendar year.
“The community in the TIP incubator is one of its most vital assets, bringing together the necessary skills, expertise, and startup experience that is needed to grow and build a company.”
Nicole Wagner Ph.D., President and CEO, LambdaVision Incorporated

“The UConn Technology Incubation Program has been an incredible partner and asset for our business. The mentors, resources, and office space are top notch, but it has been the collaborations between fellow TIP companies that have provided us the most value.”
Ryan Gresh, Co-Founder & CEO, The Feel Good Lab

“TIP provided us with all we needed immediately, allowing us to get on with the goal of building out our business fast and in an extremely capital-efficient manner.”
Alan Kersey, CEO, CytoVeris

“QRfertile was originally a student-driven startup at UConn, and TIP has been an invaluable asset for us as we develop our product and our company.”
Reza Amin, CEO, QRfertile

Avitus generates $1.2M in revenue

UConn Technology Incubation Program companies raised a record $263M in the 2019 calendar year.
### Historical TIP Metrics

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<thead>
<tr>
<th>Year</th>
<th>Revenues</th>
<th># of Employees</th>
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### TIP Employment

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<td>73</td>
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<tr>
<td>2019</td>
<td>130</td>
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</table>

#### TIP Funds Raised Calendar Year End Metrics

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<tr>
<th>Year</th>
<th>In Millions</th>
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<tr>
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<td>2008</td>
<td>651.55</td>
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<tr>
<td>2009</td>
<td>6.27</td>
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</table>
Tip Fellows Research Day
28 Student Fellows presented on their experience working with TIP startup companies over 10 weeks during their summer break.

TIP Community Gatherings
Summer, fall, and holiday events were held to bring our entrepreneur community together. TIP companies, sponsors, and special guests came to network and socialize informally. This year we also introduced “All TIP” meetings to share news, introduce new companies, and practice pitching technologies to one another.

Product Shows & Lunch and Learns
30+ vendors showcased their products and services to TIP companies. Some have given lunch & learns and other informative presentations. Sponsorship in 2019 grew from 11 sponsors to 23.
A series of events, seminars, webinars, and other networking opportunities were hosted by TIP in 2019.
By coupling UConn’s world-class research resources, facilities, and business support services with a network of experienced investors and entrepreneurs, TIP helps launch startups ready to transform their respective markets.

The advantages of working with TIP are numerous:

- State-of-the-art labs and office space
- Connections to scientists
- Business planning expertise
- Strategic access to UConn/UConn Health
- Access to facilities, library and databases
- Shared resources and common areas
- Interns, fellows and graduates
- Entrepreneurial community
- Animal facilities and clinical trials

TIP LOCATIONS

**UConn Health**
CGSB Building
400 Farmington Avenue
Farmington, CT 06032

**UConn Storrs**
ATL Building
1392 Storrs Road
Storrs, CT 06269

**UConn Storrs**
Longley Building
270 Middle Turnpike
Storrs, CT 06229
TIP STAFF

Mostafa Analoui
Executive Director of Venture Development

Paul Parker
Director of TIP

Brandon Nickle
Coordinator of TIP

Taylor Renaud
Events Specialist

Ana Fidantsef
Technology Licensing Associate

TIP ENTREPRENEURS IN RESIDENCE (EIRs)

Kathleen Adams
Product Development and Commercialization for Therapeutics and Diagnostics

Sri Divakaruni
Technology Commercialization and scale up, Raising Capital, Value Chain Mapping, Partner/Ecosystem Development

Konstantine Drakonakis
Lifescience Advanced Material Tech Venture Business and Strategic Planning

Thomas Gerson
Corporate Finance, Business Development Strategy, Operations

Jonathan Gertler, MD
Entrepreneur, Venture Investor, Strategic and Transactional Advisor, Clinical

Vijay Jayachandran
Product & Business Strategy, Technology Development, Operations

Eric Knight
Serial Entrepreneur, Angel Investor, Marketing Expert

Gloria Kolb,
Medical Devices S&I, Regulatory

Mary Jane Rafii
Startup Funding, Venture Capital, Mergers & Acquisitions, Asset Evaluation

Erika Smith
Life Science Funding, Investment, Company Formation
Support from our generous sponsors enhances TIP programs, adds to the success of TIP companies, and showcases their commitment to the innovation economy.

For sponsorship opportunities that match your organization’s interests, contact: TIP@uconn.edu