

UConn-TIP Bioscience, Entrepreneurship & STEM Intern Program

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OFFICE OF THE VICE PRESIDENT FOR RESEARCH
TECHNOLOGY COMMERCIALIZATION SERVICES

What is the UConn-TIP Bioscience, Entrepreneurship & STEM Intern Program?

An intern program which pairs UConn students with UConn startup technology companies for mentored research experiences

- ◉ Real-world research experience in a biotechnology setting
- ◉ Promote interest in biotechnology careers
- ◉ Collaboration between academia and industry
- ◉ Align with State initiatives in bioscience, innovation and S.T.E.M. fields



What is TIP?

TIP is the UConn Technology Incubation Program

- TIP “incubates” new biotech start-up companies
- TIP companies have a technology link or collaboration with UConn – many are faculty startups
- >20 TIP companies located at TIP facilities at 3 different UConn campuses
- New building at Farmington TIP will add 30 more companies

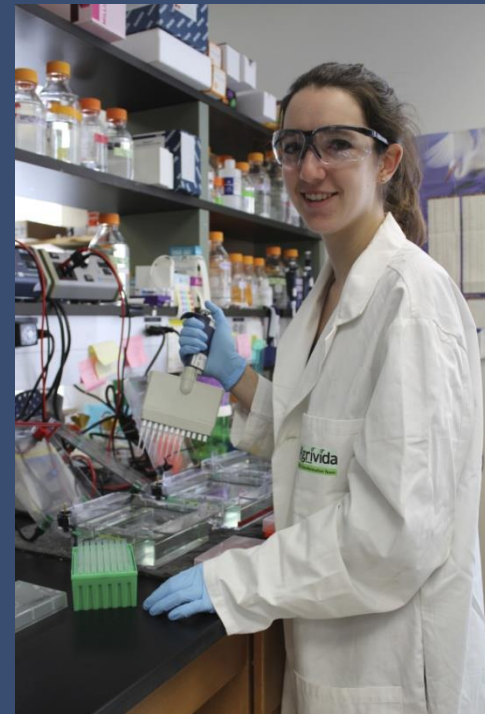


What kind of research could I do as a UConn-TIP intern?

- TIP companies are pursuing R&D in STEM areas including biotechnology, **engineering**, chemistry, and computer sciences:

- Synthetic heart valves
- Stem cells and tissue engineering
- Medical devices
- Cancer gene profiling
- Vaccine development
- Cloud computer applications
- Materials for machine coatings

As a TIP intern, you become part of your host startup company's R&D team!



Who is eligible?



- UConn undergraduate students
- Recent UConn grads (Dec 2015 or May 2016)
- UConn Masters' students
- Medical & Dental students
- International students welcome
- Diversity students welcome

*All majors
welcome*

Engineering & Bioengineering
Biology & Genetics
Computer Science
Business
Communications

Summer Program Details

2016 summer program dates: likely May 30 to Aug 5

- Locations: Storrs, Farmington or Avery Point
 - you can choose your most convenient location
- Your host TIP company provides:
 - a dedicated mentor
 - space and supplies
- **You provide:**
 - energy, engagement, effort and enthusiasm
 - 40 hrs/week full time research for 10 weeks
- **Your stipend:**
\$3,500 *

Training in Lab Safety and Responsible Conduct
in Research are provided by the program



Program Academic Enrichments

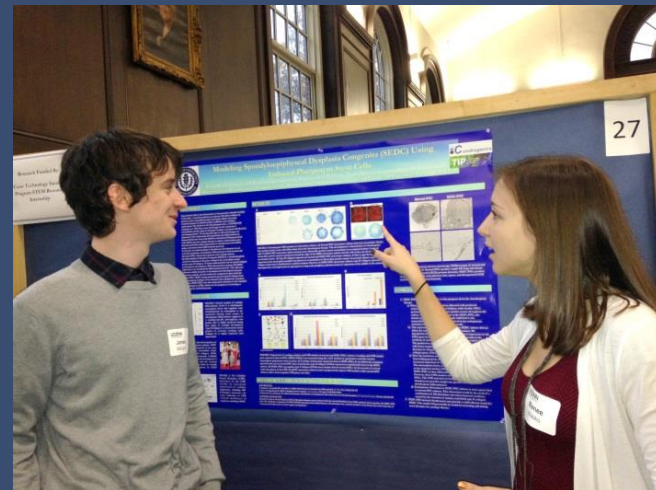
- ◉ **Weekly seminars and workshops**
 - technology and entrepreneurship topics
 - Various locations and times
 - over 50 options – you choose what you want to go to

- ◉ **Research presentations**

Platform talk at UConn-TIP
Intern Research Day (July 29)



Poster at UConn Frontiers in
Undergraduate Research (October)



UConn-TIP Intern Research Day

**UConn-TIP Bioscience & STEM
Summer Research Intern Program**
presents:

TIP Intern RESEARCH DAY

**Thursday July 25
9-2 pm at Avery Point TIP***

*Join us for a day to celebrate innovation, education and
biotechnology entrepreneurship in a beautiful seaside setting*

Featuring

- Research presentations by UConn-TIP interns
- Food, networking and tours of Avery Point TIP

Special Guest Keynote Speaker: Susan Froshauer, PhD
CEO of Connecticut United for Research Excellence (CURE)

All participants in the UConn-TIP Intern Program are invited!
(interns, host TIP company mentors and members, and sponsors)
Please RSVP to Natalie D'Oyen natalie.doven@uconn.edu by July 22

Support for this event provided by:

UConn's Technology Incubator Program



*1084 Shennecossett Road, Groton CT, <http://www.averypoint.uconn.edu/>



Keynote speaker: Dr. Susan Froshauer, CEO

How do I apply?

- The program will be announced February 15 via:
 - UConn Office of Undergraduate Research emails and website
 - UConn Career Services Intern website
 - Internal emails and postings within the School of Engineering
- Application link is contained within the announcement
 - Brief online form
 - Resume
 - GPA, SAT/ACT Scores, or GRE scores
 - Research Experience
 - Relevant background and coursework
 - Interest statement
- Applications accepted for 3 weeks (until mid-March)

How will I be chosen?

- Highly competitive Program:
- 10-15 intern placements expected in summer 2016
- Each TIP Company interviews and chooses their own interns



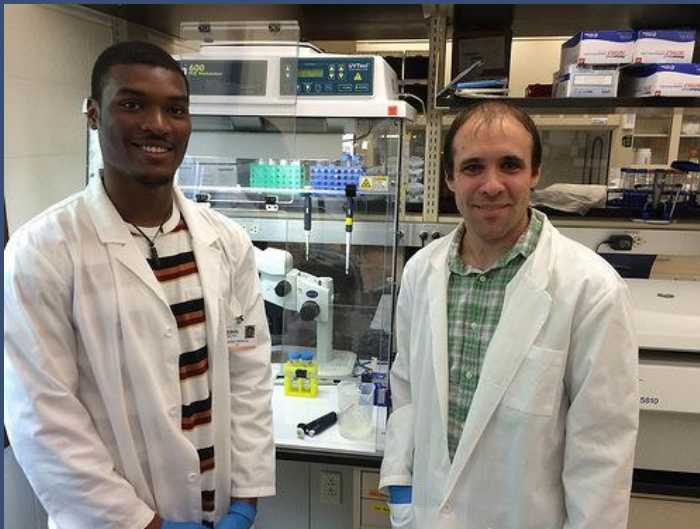
Some comments from past interns...

*“great learning experience to see real world
applications of theory learned in the classroom”*

“couldn’t have asked for a better mentor”

*“the presentation definitely helped me to organize
and think critically about my results”*

“wonderful experience and I am very grateful for the opportunity”



UConn-TIP Intern Program in the news:

2012 UConn news story:

"New Biotechnology Intern Program Offers Students Real-World lab Experience"

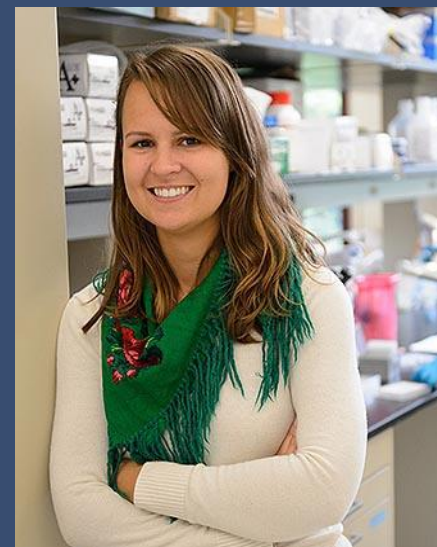
<http://today.uconn.edu/blog/2012/10/new-biotechnology-intern-program-offers-students-real-world-lab-experience/>



2013 profile in UConn's Undergraduate Admissions "Viewbook"

2013 UConn news story:
"Students Help Boost Local Labs and Economy"

<http://clas.uconn.edu/2013/10/21/science-students-help-boost-local-labs-and-economy/>



2015 news story: "Interns Sample Tech World"

Hartford  Courant

2016 Program Timeline

- **Feb 15:** Student applications open
- **Mid-March:** Student applications close
- **April:** Student interviews with potential TIP company hosts
- **Early May:** Intern selection complete
- **Tuesday May 31:** Tentative first day of the UConn-TIP summer intern program
- **Wed July 27:** Tentative date for UConn-TIP Intern Research Day
- **Friday Aug 5:** Tentative last day of summer program

What happens after the summer is over?

- Interns who have completed the summer program are eligible to continue to do research with their host company over the school year
- Earn academic credit via Independent Study arrangements

***** For highly committed and motivated students *****

Academic requirements (research paper, presentations)

12-18 hours per week, 2-3 credits

By arrangement - learning contract and permission is required

*Attn BME and Engineering Majors:
Research for Credit can incorporate a
Senior Design Project or Honors Thesis*



UConn-TIP Intern Sponsors & Partners

We gratefully acknowledge the support of the following program sponsors, without which this program would not be possible:

- **UConn School of Engineering**
- Connecticut Center for Entrepreneurship & Innovation
- UConn School of Business
- UConn School of Pharmacy
- UConn College of Agriculture, Health & Natural Resources
- UConn College of Liberal Arts & Sciences
- UConn Schools of Medicine & Dental Medicine
- McNair Scholars Program with the Center for Academic Programs
- UConn Health Careers Opportunity Program
- UConn Office of Undergraduate Research
- UConn Center for Career Development
- UConn-Technology Incubator Program (TIP)



Questions?

Contact: Dr. Caroline Dealy, PhD
UConn-TIP Intern Program founder & director
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(860) 679-1193

Program website: <http://ugradresearch.uconn.edu/uconn-tip/>



***Welcome to the UConn-TIP Bioscience,
Entrepreneurship & STEM Intern Program!***