



UConn-TIP INTERN RESEARCH DAY

***Celebrating innovation, learning, and
technology entrepreneurship***

Wednesday August 3, 2016

9:15 am – 3:15 pm

**Farmington
Technology
Incubator**

**UConn Cell & Genome
Sciences Building**

R1800 Meeting Room

**400 Farmington Avenue,
Farmington, CT**



PROGRAM

9:15 – 9:45 am Breakfast, Networking and Poster set-up

9:45 – 10:00 am Paul Parker, Executive Director, UConn-TIP
Caroline Dealy, Ph.D., Founder and Director, UConn-TIP Intern Program
Tim Folta, Ph.D., Director, Connecticut Center for Entrepreneurship & Innovation (CCEI), UConn School of Business
Representative, UConn Leadership

SESSION I: Rebecca Axworthy, intern moderator

10:00 - 10:15 am Shyma Nair, M.B.A. candidate, School of Business
Title: *Journey with the Hottest TIP Technology Company*
TIP Company Host: Rapid Radiant
Sponsor: CT Center for Entrepreneurship & Innovation (CCEI)

10:15 – 10:30 am Scott Conroy, M.S., Applied Genomics, College of Liberal Arts & Sciences
Title: *Getting an Earful with Frequency Therapeutics*
TIP Host Company: Frequency Therapeutics
Sponsor: CT Center for Entrepreneurship & Innovation (CCEI)

10:30 – 10:45 am Yue Zang, M.S. candidate, Applied Chemistry, Liberal Arts & Sciences
Title: ReinEsse
TIP Company Host: ReinEsse
Sponsor: UConn Office of the Vice President for Research

10:45 – 11:15 am **A.M. Poster Session and Coffee Break**
See List of Poster Presenters - page 3

SESSION II: Bianca Montano, intern moderator

11:15 – 11:30 am Ryan Beach, M.S., Applied Genomics, College of Liberal Arts & Sciences
Title: *Shoreline Biome....Forging New Frontiers*
TIP Host Company: Shoreline Biome
Sponsor: CCEI and College of Liberal Arts & Sciences

11:30 – 11:45 am Audrey Gallo, B.S. candidate, Biomedical Engineering, School of Engineering
Title: *LambdaVision: From Concept to Commercialization*
TIP Host Company: LambdaVision
Sponsor: CCEI and School of Engineering

PROGRAM - *continued*

11:45 – 12:00 pm Rebecca Pranger, B.S. candidate, College of Liberal Arts & Sciences
Title: *Screening Maize Expressed Fiber Degrading Enzymes for Improved Animal Nutrition*
TIP Host Company: Agrivida
Sponsor: Office of the Vice President for Research

12:00 - 1:00 pm **Lunch and Tours of TIP facility**

SESSION III: *Luis Reza, intern moderator*

1:00 – 1:15 pm Sibow Wang, Ph.D. candidate, Materials Sciences, School of Engineering
Title: *Monolithic 3-D nano-array Integrated Devices for Environmental Application*
TIP Company Host: 3D Array
Sponsor: CT Center for Entrepreneurship & Innovation (CCEI)

1:15 – 1:30 pm Sowmya Kotha, M.S. candidate, Computer Science, School of Engineering
Title: *Your Autobeacon Account*
TIP Company Host: Auto Beacon
Sponsor: CT Center for Entrepreneurship & Innovation (CCEI)

1:30 – 1:45 pm Gowtham Yenduri, B.S., Biomedical Engineering, School of Engineering
Title: *The Development of a Module for Biosensor Testing on the ISS*
TIP Company Host: Biorasis
Sponsor: CCEI and Office of the Vice President for Research

1:45- 2:00 pm Short break and keynote speaker introduction (*Dr. Dealy*)

2:00 – 2:30 pm **Keynote Speaker:** *Chris McLeod, B.S., M.S., Managing Partner, Elm Street Ventures* "Financing A Biotech Start-Up: Case Studies"

2:30-2:45 pm **Group Photo**

2:45 – 3:15 pm **P.M. Poster Session and Networking**
See List of Poster Presenters - page 3

3:15 pm Conference ends; posters may be taken down

POSTERS

A.M. Poster Presenters:

Rebecca Axworthy, B.S.candidate, Communications, College of Liberal Arts & Sciences
Title: *Helping Keep Records Well*; TIP Host Company: Diameter Health
Sponsor: College of Liberal Arts & Sciences

Jarred Correia; B.S. candidate, Materials Sciences, School of Engineering
Title: *Plasma Spray Technology*; TIP Host Company: Solution Spray Technologies
Sponsor: Office of the Vice President for Research

Tessa Kell; B.S. candidate, Pathobiology, College of Agricult. Health & Natural Resources
Title: *Immunogenicity Assessment of Human Embryonic Stem Cell Derived Mesenchymal Stem Cells*; TIP Host Company: IMStem
Sponsor: College of Agriculture, Health and Natural Resources

Bianca Montano; B.S. candidate, Biomedical Engineering, University of Texas at El Paso
Title:
Guest Intern, Hosted by the NIH-BUILD Scholars Program

Luis Reza; B.S. candidate, Biology, College of Science, University of Texas at El Paso,
Title: *Impaired Regenerative Response to Digit Tip Amputation in Epidermal Growth Factor Receptor (EGFR)- Deficient Mice*
Guest Intern, Hosted by the NIH-BUILD Scholars Program

P.M. Poster Presenters:

Tyler Ackley, B.S. candidate, Molecular Cell Biology & Pharmacy; School of Pharmacy
Title: *A Personalized Approach to Rheumatoid Arthritis Treatment*; Chondrogenics
Sponsor: School of Pharmacy

Claudia Chavez, B.S. candidate, Materials Sciences, School of Engineering
Title: *Components Impacting the Use of Solution Precursor Plasma Spray*

Drew Ciatek, B.S. candidate, Materials Sciences, School of Engineering
Title: *Components Impacting the Use of Solution Precursor Plasma Spray*
TIP Company Host: HiFunda; Sponsor:

Brendan Clark, B.S. candidate, Pharmacy
Title: *Vitamin E Nanoliposome Characterization and Analysis for Use in Cosmetics*
TIP Company Host: Reinesse; Sponsor: School of Pharmacy

Keynote Speaker Profile



Chris McLeod. B.S., M.S.
Managing Partner
Elm Street Ventures

Most recently, Chris was CEO of Axiomx, a portfolio company sold to Abcam Plc in November, 2015.

Throughout his career, he has demonstrated expertise in growing companies through strategic collaborations, innovative marketing, and new product development.

Chris served as President and Chief Executive Officer of 454 Life Sciences from February 2005 through September 2011, and managed the integration with Roche

Diagnostics following its acquisition in 2007. Previously, he served as Executive Vice President of CuraGen from November 1999, where he oversaw bioinformatics, strategic business development, and collaborative research. Prior to joining CuraGen, Chris spent over two years as Chief Executive Officer of Havas Interactive (formerly Cendant Software), a leading international software developer. He earned his B.S. Magna Cum Laude with a dual major in economics and engineering and applied science from Yale University and his M.S. in management from the Sloan School of Management at Massachusetts Institute of Technology. Chris serves on the boards of Sacred Heart University and the CT Yankee Council, Boy Scouts of America.

UCONN-TIP INTERN RESEARCH DAY & UCONN-TIP INTERN PROGRAM

are supported by:

UCONN's



Technology Incubation Program

...and these UConn partners:

- *Connecticut Center for Entrepreneurship and Innovation*
- *Office of the Vice President for Research*
- *College of Agriculture & Natural Resources*
- *School of Business*
- *School of Engineering*
- *College of Liberal Arts & Sciences*
- *School of Pharmacy*
- *School of Dental Medicine*
- *Center for Academic Programs/McNair Scholars Program*
- *Health Careers Opportunities Program*
- *Office of Undergraduate Research*
- *Center for Career Development*

...with special thanks to our 2016 TIP companies and mentors:

- *3D Array*
- *Autobeacon*
- *Agrivida*
- *Biorasis*
- *Chondrogenics*
- *Diameter Health*
- *Frequency Therapeutics*
- *HiFunda*
- *ImStem*
- *Rapid Radiant*
- *ReinEsse*
- *ShorelineBiome*
- *Solution Spray Technologies*

Notes:

UCONN-TIP Intern Program

Caroline Dealy, PhD, program founder and director

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

UCONN Technology Incubation Program

Paul Parker, Director

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http://innovation.uconn.edu/Programs/Technology_Incubation_Program/