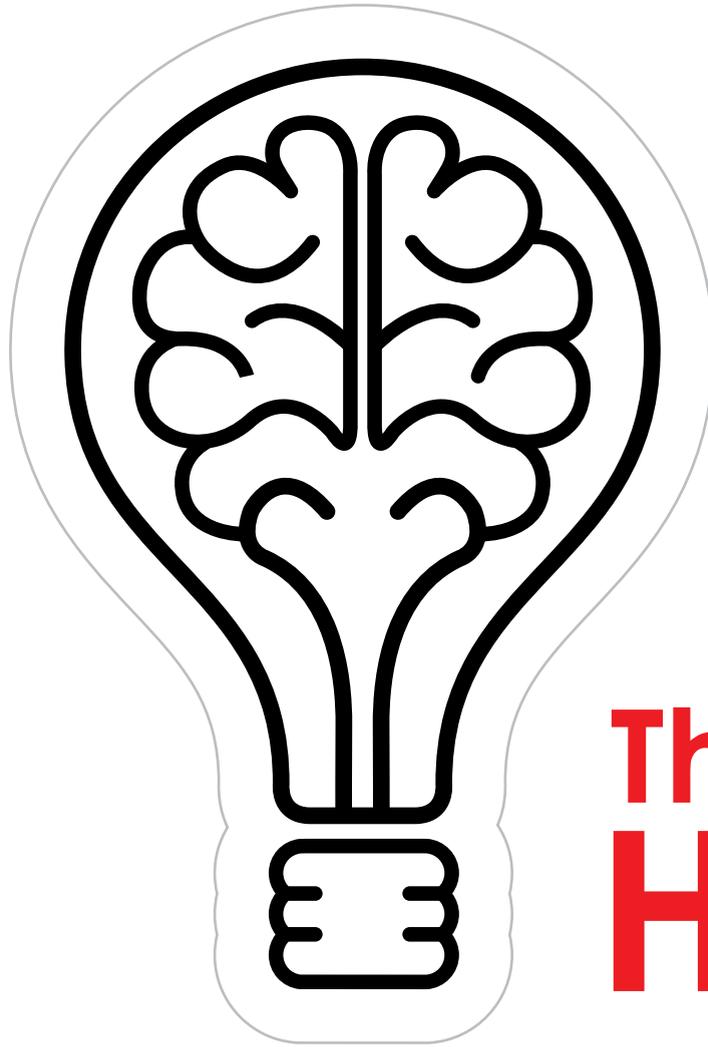
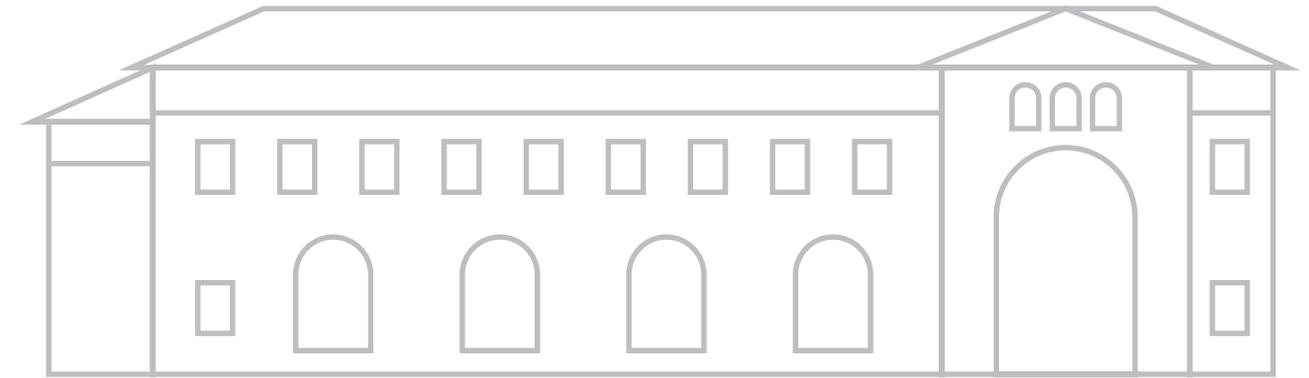
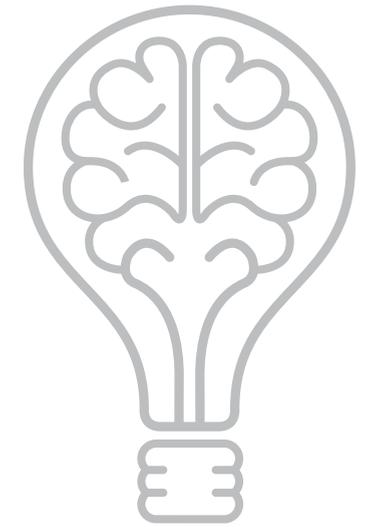


2018 ANNUAL REPORT



**The
Hub™**

**WE
LAUNCH
TEXAS
STARTUPS**





LUBBOCK
ECONOMIC
DEVELOPMENT
ALLIANCE



SENIOR MANAGING DIRECTOR
Kimberly Gramm

Letter from the Director

It is with great pride that I present to you the Texas Tech Innovation Hub at Research Park (Hub) year in review. This report celebrates the achievements of innovators and entrepreneurs. Our collective progress in the pursuit of excellence in entrepreneurial programs, innovative research, and economic development is “catalytic” in supporting the growth of West Texas.

In the pages that follow, my hope is you will be inspired by the progress being made by our faculty, students, staff, and community. The pages inside this annual report feature their journey over the past year. The stories of success represent examples of our deep dedication to make an impact through their discoveries and ideas. The commitment is evident by overcoming the struggle of the unknown and delving into the complexities of science, creativity and innovation to find solutions that benefit our region and society. I feel blessed to have a front row seat to some of our West Texas entrepreneurial heroes. Clearly, the examples in the 2017-2018 report are not an exhaustive list but a glimpse into our world at the Hub!

The Hub opened its doors in late fall 2015 and since that time Texas Tech, the community, and city leaders led through example developing the strategic plan: A Foundation for the Next Century | A Pathway to 2025 highlighting the need for a focus on innovative and entrepreneurial thinking. Today, the Hub has 12 programs supporting three distinct areas to further develop science and ideas, form high impact technology teams, and launch successful startups.

The programs fall into one of three categories:

- 1. Ideation
- 2. Commercialization
- 3. Acceleration

It is with the greatest level of appreciation I acknowledge the authentic leaders at Texas Tech who demonstrate a commitment to the West Texas people it serves. All our programming is supported and funded by organizations who care deeply about making the West Texas region the absolute best it can be. If you get an opportunity, please thank those who support the “American Dream” through the Hub programs.

- Lubbock Economic Development Alliance
- National Science Foundation
- The CH Foundation
- Texas Tech University
- J.T. & Margaret Talkington College of Visual & Performing Arts
- TTU College of Arts & Sciences
- Rawls College of Business, Area of Management

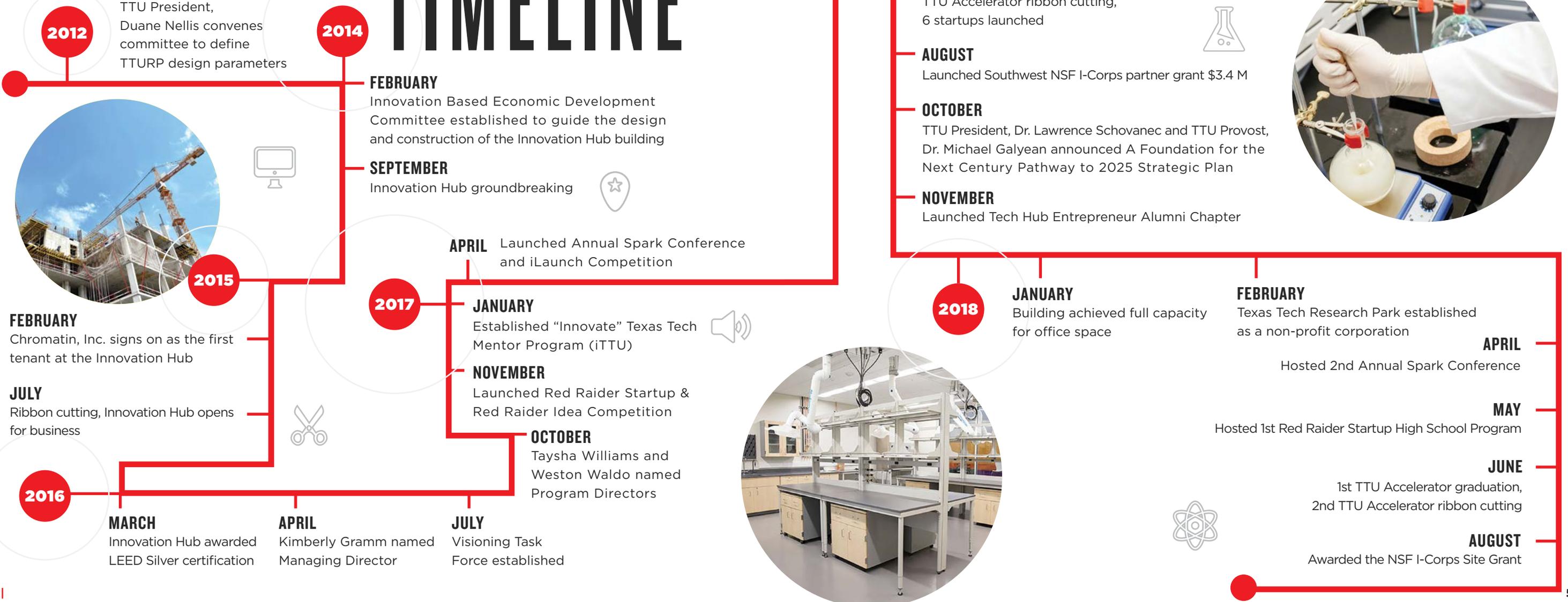
Kimberly Gramm, MBA
Senior Managing Director, Innovation Hub
Texas Tech University



Powered by LEDA

INNOVATION HUB

HISTORICAL TIMELINE



2012
 TTU President, Duane Nellis convenes committee to define TTURP design parameters

2014
FEBRUARY
 Innovation Based Economic Development Committee established to guide the design and construction of the Innovation Hub building

SEPTEMBER
 Innovation Hub groundbreaking



APRIL Launched Annual Spark Conference and iLaunch Competition

FEBRUARY
 Chromatin, Inc. signs on as the first tenant at the Innovation Hub

JULY
 Ribbon cutting, Innovation Hub opens for business

2015

2017

JANUARY
 Established "Innovate" Texas Tech Mentor Program (iTTU)

NOVEMBER
 Launched Red Raider Startup & Red Raider Idea Competition

OCTOBER
 Taysha Williams and Weston Waldo named Program Directors



2016

MARCH
 Innovation Hub awarded LEED Silver certification

APRIL
 Kimberly Gramm named Managing Director

JULY
 Visioning Task Force established



2017

JUNE
 TTU Accelerator ribbon cutting, 6 startups launched

AUGUST
 Launched Southwest NSF I-Corps partner grant \$3.4 M

OCTOBER
 TTU President, Dr. Lawrence Schovanec and TTU Provost, Dr. Michael Galyean announced A Foundation for the Next Century Pathway to 2025 Strategic Plan

NOVEMBER
 Launched Tech Hub Entrepreneur Alumni Chapter



2018

JANUARY
 Building achieved full capacity for office space

FEBRUARY
 Texas Tech Research Park established as a non-profit corporation

Hosted 2nd Annual Spark Conference

APRIL

Hosted 1st Red Raider Startup High School Program

MAY

1st TTU Accelerator graduation, 2nd TTU Accelerator ribbon cutting

JUNE



Awarded the NSF I-Corps Site Grant

AUGUST

Collaborative Space to Incubate Ideas

44,135 sq. ft.

4,500 sq. ft.

of flex office space

7,435 sq. ft.

of wet lab space



David Dorsett
Director,
Research Facilities



Carleigh Smith
Manager,
Innovation Hub

2,023 sq. ft.

of multipurpose room
space with AV

1,610 sq. ft.

4 video-conferencing rooms



LEED Silver Certification

Building Project Cost **\$29,000,000**



Furnished wet labs, office space, co-working space,
conference rooms, and large meetings rooms available.

www.innovationhub.ttu.edu

Who wants to pay less for prescriptions?



GAP Peptides, LLC (GAPP) is a startup contract manufacturing organization (CMO) located in Lubbock at the Innovation Hub. GAPP was founded by Texas Tech alumni, Dr. Cole Siefert and Mr. Carder Brooks. The two met when Mr. Brooks reviewed the technology while working at the TTU Office of Research Commercialization. They decided to join forces to create this disruptive spinout. The company is commercializing a novel technology, developed at Texas Tech by the company founders, that addresses many of the problems faced in peptide manufacturing. Traditional chemical peptide synthesis results in expensive solvent waste, low yields, high consumption of expensive resources, and lengthy production cycle times. Leveraging Group-Assisted Purification (GAP) Chemistry, which was also developed at Texas Tech University, GAPP's technology delivers game-changing efficiencies in chemical peptide synthesis. GAPP's synthesis method reduces production steps, equipment needs, and cycle times. The value proposition is measured in speed, cost, and quality. The impact to the consumer is lower priced prescription medication.

Team

Caroline Brooks
CEO and Managing Director,
20 years high tech manufacturing

Dr. Cole Siefert
Founder and inventor,
recent PhD Graduate of TTU

Dr. Guigen Li, Co-inventor
Horn Professor at TTU

Carder Brooks, J.D
General Counsel and Founder,
Graduate TTU Law School

Incorporated Summer 2017

Provision Patent Application Dec. 2015 and National Patent Application Dec. 2017

In 2018 began to manufacture and distribute custom peptides and unnatural amino acids for use in research at universities, institutes, and commercial companies which utilize peptides in development of their products.

Raised Series A round of capital



Innovation Hub

2017-2018 Impact Metrics



19 COMPANIES
At the Hub

15,333 Attendees

305 Events



12 Programs

20 Partnerships

46 Mentors

4M Media Hits

\$1.26M Innovation Hub Grant \$ Received

\$3.5M Federal & Internal Grants awarded to Startups

6 TTU ACCELERATOR COMPANIES FORMED

24 TTU Accelerator Employees

\$1.116M Startup Capital Raised

\$73K Average Annual Salary

6 NEW COMPANIES LAUNCHED JUNE 2018



Poster Showcase 2017, Student Robotics



Ideation programs provide “access” and support of early stage ideas and innovative research. These programs focus on “next steps” in the development of taking an idea and making a real product. Introduction to presenting an idea, team formation, customer discovery and how to develop a value proposition are outcomes of the learning.

2017-2018 IDEATION PROGRAM IMPACT

1,793

Volunteer Mentor Hours

713

Participants

\$35,500

Funds Awarded to Participants



Red Raider Startup weekend workshop for idea generation, pitching, team formation, customer discovery.



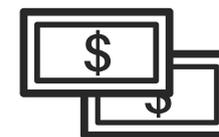
Hub Camp business planning seminar to develop a revenue model, offered three times per year.



iLaunch competition to teach early stage entrepreneurs how to identify a customer segment, fully develop a value proposition, and pitch to investors for \$10,000 in prize money to start a company.



Red Raider Idea Competition 60-second video pitch competition for the next big idea.



Faculty C-Startup \$15,000 grants awarded to encourage faculty of all disciplines to teach students entrepreneurial best practices in the classroom.



Taysha Williams
Ideation Program Director,
Innovation Hub



Ayodele Agibe is a Texas Tech junior studying Electrical Engineering with a minor in Math. Ayodele found an early passion for entrepreneurship and she is already the CEO of her own company at age 20. Ayodele became involved with the TTU Innovation Hub in 2017 when she participated in Red Raider Startup (RRS). She went on to compete in the iLaunch Business Plan Competition and took third-place. Inspired by winning, she decided to apply for the year-long TTU Accelerator program and was accepted. Within 9 months of attending RRS, Ayodele secured \$26,000 in funding from the Innovation Hub to launch her company.



**M
A
J
O
R** **ELECTRICAL
ENGINEERING**

**MINOR
MATH**

Q&A

Q. What was the best thing about Red Raider Startup?

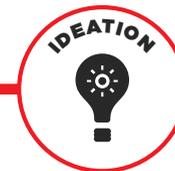
A. If I could choose one entrepreneurial program to be placed at every university, it would be Red Raider Startup. I had such a great experience hearing all of the ideas, teaming up with talented students, and truly learning how to validate and pitch an idea. It was three days of intensity. My team came in with a solid idea only to find out through research and customer discovery, that our idea would not be feasible in the market. It took us some time but we pivoted and identified a solution for a problem that we all championed and stood behind. Pitching to the mentors and answering their questions was nerve-racking, but it served as perfect preparation for the future. My favorite part of attending Red Raider Startup was the relationships I was able to form and the things I learned. I now have a network of people that inspire me and vice versa. Red Raider Startup brought to light how much I love entrepreneurship and the power it has to impact people in real and meaningful ways.

Q. What was one thing you learned from Red Raider Startup that provided a skill for you to utilize when working on your startup company?

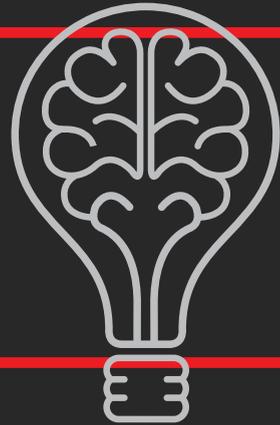
A. I learned how important customer discovery was to validating an idea to ensure that a problem is truly being solved. Our team was composed of engineering, computer science, marketing, management, and finance majors so I learned how to work with a team of people from different backgrounds and skillsets. In addition, I learned about the importance of having a support network. It was great to have mentors there to hear our ideas and present feedback that was helpful in determining our approach and direction.

Q. Why would you recommend other students, and community members to go through this program?

A. The experience is priceless and entrepreneurs can take the knowledge they gain into their next idea or startup. It is also an opportunity to test out the waters to see if entrepreneurship is what you really like.



Spark Conference



The Spark Conference is a two-day event that showcases Innovation & Entrepreneurship at Texas Tech. The Spark Conference includes an innovation poster showcase, keynote speaker, panels, iLaunch Competition, and the National Academy of Inventors awards banquet.

The 2018 Spark Conference was hosted at the Hub, on April 23rd-24th with 401 registered participants. This was an increase from the 150 registered participants in 2017. Highlights of the 2018 Spark Conference include the Women's EmPOWERment Luncheon and Arts in Medicine Innovation Poster Showcase (AIMS). The Women's luncheon featured 6 women leaders in wind, business, energy, and entrepreneurship. The luncheon had over 200 attendees and each participant went home with a book published by an iTTU Mentor, Connie Wharton. A focus of the 2018 conference was innovation and the arts. In addition, a strong collaboration with the J.T. & Margaret Talkington College of Visual & Performing Arts led the team to identify a dynamic and impactful keynote speaker, Dr. Roger Dannenberg from Carnegie Mellon University. Dr. Dannenberg is a musician, computer scientist, and co-founder of Audacity. Spark Conference participants were treated to a performance that



showcased innovation through music. The AIMS poster showcase featured students and faculty research that integrated the arts in sectors of health, wellness, and medicine. The early stage iLaunch Competition, anchored the conference. The top ten finalists pitched their startup to investors for an opportunity to win \$10,000 for first place. The People's Choice winner was awarded \$1,000 for the audiences favorite idea during the Lightning Round. The closing awards ceremony was led by TTU President Schovanec.

"The Spark Conference is an excellent way for innovators, inventors, and investors to come together in one West Texas event to celebrate great ideas and startups," said **Kimberly Gramm**, Senior Managing Director of the Innovation Hub. "Texas Tech is a driver to support our community with an educated workforce as well as advanced innovations and startups."



Thank you 2018 Spark Conference Sponsors

Lubbock Economic Development Alliance (LEDA)
Rawls College of Business
J.T. & Margaret Talkington College of Visual & Performing Arts
Dickinson-Wright, PLLC
National Wind Institute
TTU College of Arts & Sciences

401

Attendees

28% students

42% faculty & staff

30% community

640K

Media hit views

678

Volunteer hours

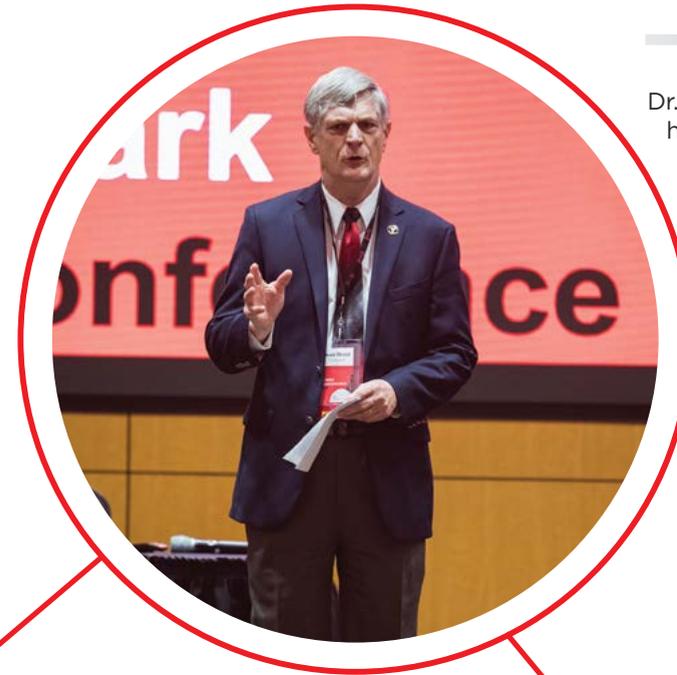
\$35K

Sponsorship raised

2018 Spark Conference Highlights

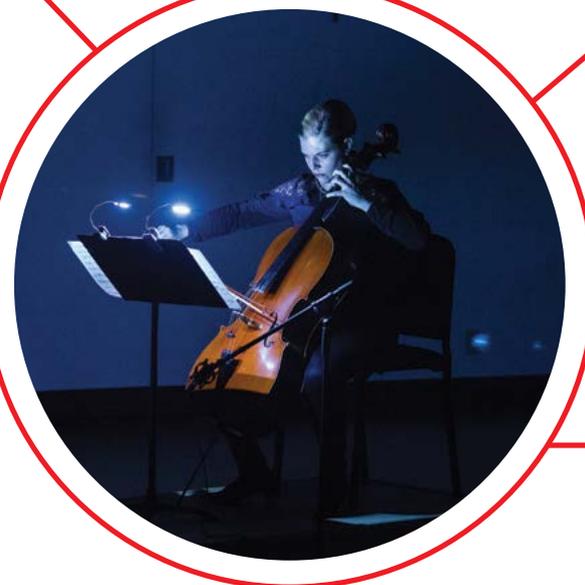


The CH Foundation Arts & Medicine Research Awardees and the members of the National Science Foundation High-Performance Computing Center presented their research during the Innovation Poster Showcase. Ghislaine Fremaux, TTU School of Art, Assistant Professor, took home the \$1,000 first-place prize for her research titled Deep Self: Endoscopy and a New Body Image.

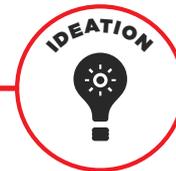


Dr. Brent Lindquist, Dean of the College of Arts & Sciences, hosted the EmPOWERment Women's Luncheon during the Spark Conference. Over 200 attendees were inspired by women leaders from the wind, energy, business, and entrepreneurship industry.

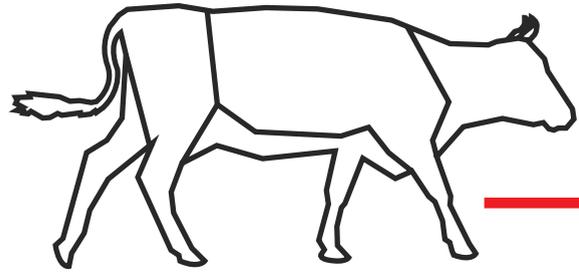
The Hub partnered with the J.T. & Margaret Talkington College of Visual & Performing Arts to showcase Arts in Innovation by inviting computer scientist, startup founder, and musician, Dr. Roger Dannenberg to the Spark Conference as the keynote speaker. PhD student and cellist, Christine Kralik, performed along with computer accompaniment that was invented by Dr. Dannenberg.



TTU Alumnus and Shark Tank™ contestant, Junior Desinor joined Kimberly Gramm for a fire-side chat about his entrepreneurial journey.



Cash



Dr. Cara Wessels, a graduate from the Texas Tech University (TTU) Department of Animal and Food Sciences, conducted research under Dr. Samuel Prien, a professor with dual appointments in the TTUHSC School of Medicine and TTU College of Agricultural Sciences and Natural Resources. As a student, Wessels became interested in embryology. With Dr. Prien's mentorship, a bulky, expensive microscope and a stopwatch, she discovered a method of determining embryo viability. The potential for application was there, she just didn't know what to do with it. Participating in the iLaunch Competition, National Science Foundation I-Corps Program, and the Texas Tech University Accelerator inspired her to develop a team and become one of the founders of Embryotics, LLC. The embryo selection technology produces noninvasive embryo and oocyte assessment techniques to determine embryo quality, viability, oocyte competency and cell survival of cryopreservation using a novel specific gravity device. The company has four pending patents and is currently developing a minimal viable product to enter the cattle and equine markets. The medical device invention could one day help "want to be parents" have a higher IVF pregnancy success rate at reduced costs. Today, an IVF procedure costs \$15,000-\$30,000 on average.

Company Founders

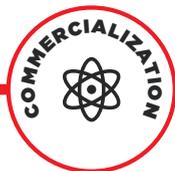
Dr. Cara Wessels, TTU Alumna, PhD in Reproductive Physiology in Animal Science | CSO and Co-Inventor

Robert Rangel, Engineer | CEO

Justin Wells, Product Development Engineer | CTO

Charles Baker, Accountant and Auditor | CFO





Commercialization is the process of introducing a new product or method and making it available to the market. The Commercialization Programs focus on nascent startups who have technologies and need to develop an alpha product with an intent for commercial use. Initial validation and assessment of product market fit are program learnings to prioritize the customer segment for market entry.

2017-2018 COMMERCIALIZATION PROGRAM IMPACT

\$50K

Each NSF I-Corps National Team is awarded

1,507

Volunteer Mentor Hours

20

Faculty/student National I-Corps Teams

\$1M

Awarded to NSF I-Corps National Teams



Prototype Grant is a newly developed program to build initial startup prototypes.



Southwest National Science Foundation I-Corps Alliance is an intensive program designed to enable scientists, engineers, and inventors to identify paths-to-market for inventions. Central to the program is the validation of commercialization hypotheses through a process of customer discovery.



National Science Foundation I-Corps Site Coming in 2019

In addition to being a Node partner, the Hub recently won a competitive NSF Site Grant in July 2018. The NSF funding provides customer discovery travel of \$3,000 for a minimum of 25 teams per year. Teams will have access to relevant industry outside West Texas, to execute high quality customer interviews reducing the “geographic gap” challenges in West Texas.



Weston Waldo
Commercialization Program Director, Innovation Hub

Engineers and Clinicians Partner to Solve Problems...

School of Health Professions Associate Dean for Research, Phil Sizer, PhD, PT and TTUHSC is passionate about researching the value in acquiring new knowledge and translating it to a product that helps people. The problem? He wasn't quite sure how to transcend the gap to a real product to sell to consumers. Kerry Gilbert, PhD, PT, TTUHSC (pictured on the right) and Suhas Pol, PhD, Mechanical Engineer, TTU teamed up with Dr. Sizer to solve a big problem: measuring tissue integrity to reduce injury in athletes. As clinicians, they learned the hard way through evidence based entrepreneurship that doctors were not the customer. The team made a pivot with the support of the iTTU Mentors at the Hub. TKQuant, LLC. was formed in fall 2017 and the technology was licensed by the Office of Research Commercialization to the company. TK Quant was awarded the President's Innovation Award supporting office and lab space at the Innovation Hub. Recently, the team submitted an STTR grant to validate the technology and create a product ready for their customer segment, orthopedic doctors. Their product hopes to improve the lives of athletes by measuring the strength of the tissue to avoid debilitating injuries.

Team and Company Founders

Dr. Phil Sizer, University Distinguished Professor TTUHSC, and Associate Dean for Research | CEO and Co-Founder

Dr. Richard Ellis, PT, PhD, Senior Lecturer and Associate Head of Research, Auckland University of Technology | Co-Founder

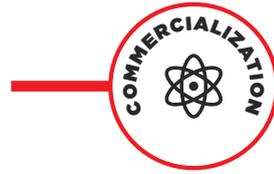
Dr. Kerry Gilbert, Professor of Physical Therapy TTUHSC | Co-Founder

Dr. Suhas Pol, Research Professor in Mechanical Engineering | Co-Founder

Dr. Kinyata Cooper, TTUHSC PhD Student NSF I-CORPS Entrepreneurial Lead



NSF I-CORPS



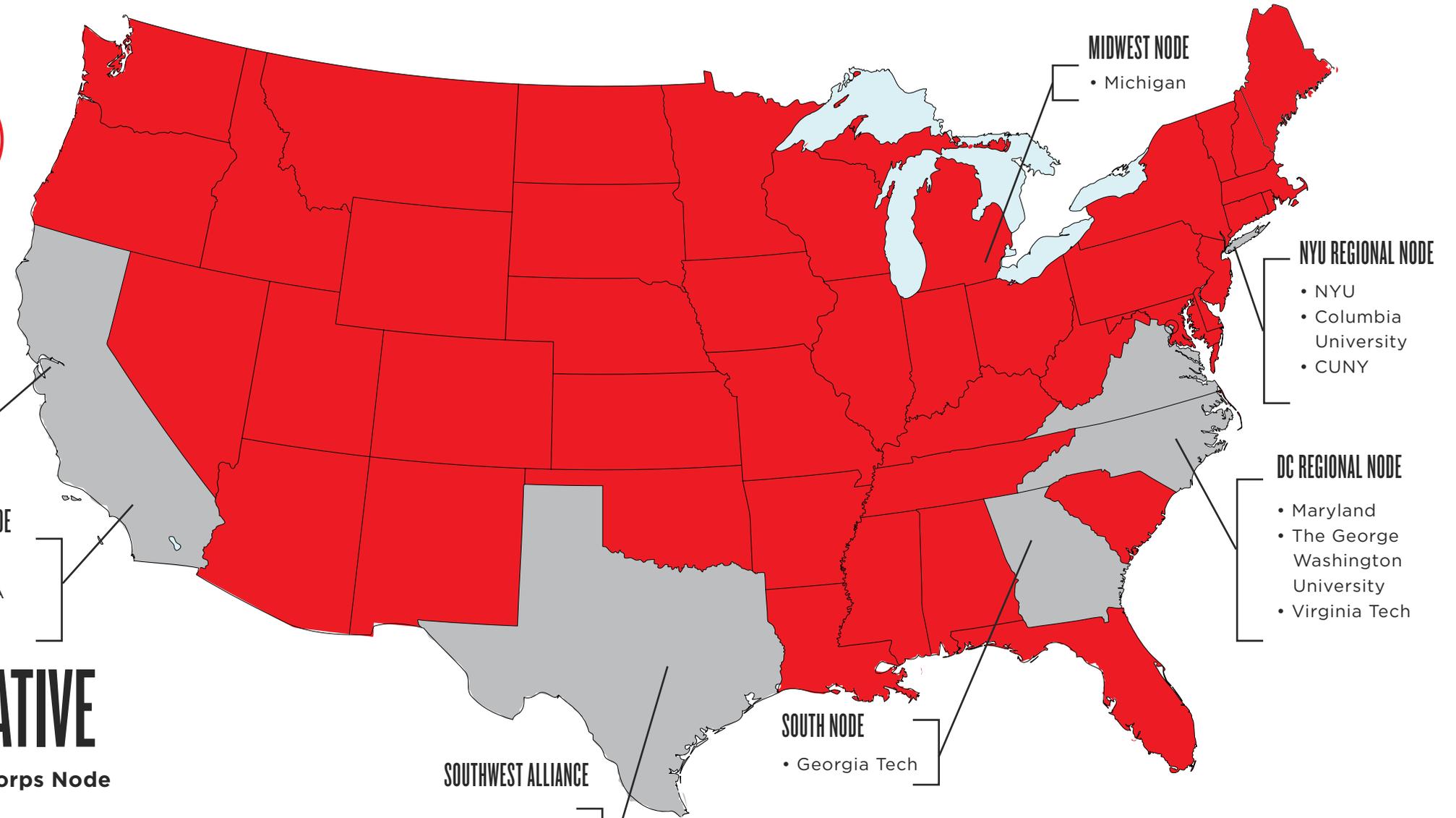
NSF Innovation Corps (I-Corps) is a program to broaden the impact of select, NSF-funded, basic research projects and other patentable technology by preparing scientists, engineers and inventors to focus beyond the laboratory. Leveraging experience with guidance from established entrepreneurs with a targeted curriculum, I-Corps grantees learn to identify valuable product opportunities that can emerge from NSF and other federally supported academic research. The I-Corps program, a public-private partnership, will help create a stronger national ecosystem for innovation that couples scientific discovery with technology development to address societal needs. Teams participate in a rigorous 7-week program and are awarded \$50,000.

BAY AREA

- California
- UCSF
- Stanford

IN-LA NODE

- USC
- UCLA



MIDWEST NODE

- Michigan

NYU REGIONAL NODE

- NYU
- Columbia University
- CUNY

DC REGIONAL NODE

- Maryland
- The George Washington University
- Virginia Tech

SOUTH NODE

- Georgia Tech

SOUTHWEST ALLIANCE

- Texas Tech
- Rice
- Texas
- Texas A&M
- MD Anderson (Houston)

\$3,400,000 INITIATIVE

Texas Tech University, member of the Southwest NSF I-Corps Node



54

NSF Faculty/Student Regional I-Corps teams trained as of August 24, 2018

20

National I-Corps teams received a total of \$1M in NSF Funding

ACCELERATION



Developed to support entrepreneurs in furthering commercialization efforts with a focus on company formation. Acceleration Programs provide seed investment, office space, subject matter expertise and mentorship.

2017-2018 ACCELERATION PROGRAM IMPACT

46 Mentors
46 Program Participants

\$201K Awarded
798 Volunteer Mentor Hours



TTU Accelerator One-year program designed to assist faculty, student, and entrepreneurs to launch startup companies or discover licensing opportunities based on university technology or patentable technology. Accelerator companies are awarded a \$25,000 grant and have access to Hub co-working space and mentors.



President's Innovation Award is awarded by the Office of the President of Texas Tech University and Texas Tech University Health Sciences Center to recognize selected startups that exemplify innovation and commercialization. In 2017, \$100,000 was awarded to assist startups with equipment and rental space at the Innovation Hub.



"Innovate" TTU Mentor (iTTU) Program serves as the cornerstone of entrepreneurship and innovation at the Hub. Mentors are chosen for their expertise, investment and technical know-how, authority and resources to aid in the launch of new enterprises, and willingness to support the West Texas entrepreneurial eco-system. The mentors have been trained by the MIT Venture Mentor Program and serve as advisors to the Hub, reviewers and judges on all Hub competitions. They serve countless hours working with entrepreneurs and serving on TTU Accelerator mentor teams.



Kimberly Gramm
Senior Managing Director,
Innovation Hub

2017-2018 TTU ACCELERATOR COHORT



C-SAFE

A weighted pad that detects when a child is left in a car seat after the parents or caregivers leave the vicinity.
Gage Dutkin, CEO
Sean Tully, COO Operations/Supply Chain



FLOWRAIDER

Bio-inspired micro-scale structures as surface coating for wind turbine blades and transport vehicles for improved aerodynamic performance.
Dr. Burak Aksak, CEO, CTO
Dr. Luciano Castillo
Dr. Don Kay
Dr. Clay Cash, CSO



RSI

Technology to increase success rates for fertility clinics.
John Smothers, CEO/COO
Dr. Lindsay Penrose, Vice-President, Clinical Relations
Dr. Samuel Prien, Chairman and CSO
Dr. Dustie Johnson, Vice-President, Sales and Marketing



TITLEFLOW

A cloudbased software tool for land professionals working in the oil and gas industry to process title ownership faster and more accurately, allowing oil and gas companies to make faster decisions on whether to acquire mineral rights for drilling.
Ryan Reber, CEO



RESUMAKER

ResuMakers.com is an online resume solution that uses data and algorithms to create one-of-a-kind smart resumes unique to your goals, career, and industry.
Raphael Akinsipe, CEO
Waibi Bakama, VP and Operations
Paul Doran, VP and UX/U & Web Development
Adam Henderson, CTO
Victoria Henderson, CMO



TKQUANT

An image-based technique that quantifies tissue kinematics response to a procedure in real time, providing guidance to clinicians about the potential of therapies / interventions implemented on individual patients.

Dr. Phil Sizer, CEO and Co-Founder
Dr. Richard Ellis, Co-Founder
Dr. Kerry Gilbert, Co-Founder
Dr. Suhas Pol, Co-Founder
Kinyata Cooper, Doctoral student

Innovate Texas Tech Mentor Program

The cornerstone of innovation and entrepreneurship at the Innovation Hub is our 46 trained mentors. The mentors of our West Texas community pay it forward and add value to develop the entrepreneurs in the region. Founded by the Innovation Hub in 2017, the iTTU Mentor program is based on the guiding principles and practices of the MIT Venture Mentor System. Each mentor is selected based on expertise and comes highly recommended by experienced subject matter experts and leaders in our community. Each mentor completes a thorough background check and training. They provide countless hours investing in the startup community by providing office hours, scoring business plans, and providing deep insights and experience to the nascent startups.

David Miller's impact

Mentored 2 NSF I-Corps teams

Contributed 227 volunteer mentor hours

Lead Mentor for 2 TTU Accelerator startups

Former Vice-Chancellor of Commercialization

TTU Alum, Juris Doctorate and MBA

iTTU Mentor of the Year



"I decided to become a mentor with the Innovation Hub because I wanted to support the growth of our entrepreneurship and innovation ecosystem in Lubbock and West Texas. I also have an interest in helping Texas Tech grow in the commercialization capacity."

CEO, PAVETEX
David Miller



The Science of Sperm Innovation



Dr. Prien developed the technology 12 years prior to licensing to RSI

Spring 2016, the team joined NSF I-Corps Program

2017 iLaunch 2nd place winners

Sold product to their first clinic in Summer 2018

Innovation Hub Headquarters

2017-2018 Awarded Presidential Innovation and TTU Accelerator Grants

Team

John Smothers, Entrepreneur, CEO/COO

Dr. Lindsay Penrose, Assistant Professor TTUHS, Director-Lab and Quality Control | Vice-President, Clinical Relations

Dr. Samuel Prien, Professor, Director of Clinical and Research Lab, Animal and Food Sciences, TTU | Chairman and CSO

Dr. Dustie Johnson, TTU Alumna & Co-Inventor | Vice-President, Sales and Marketing



Reproductive Solutions Incorporated (RSI), had a unique challenge: it was a company not likely to receive investment due to a fast approaching patent life expiration. The iTTU Mentors decided to vote RSI into the first TTU Accelerator Cohort. Originally, the technology was licensed to an animal fertility company. By the time the scientist and business team came together with now CEO John Smothers, the patent life was limited. RSI needed a FDA and intellectual property strategy to be successful. With help from the iTTU Mentor team, a new strategy was created. Ron Cocquyt, a "virtual" mentor from Harbor Springs, MI made an introduction to RSI's manufacturing partner Stencor located in Jacksonville, TX. The technology, a sperm collection medical device, is now available to assist infertile couples trying to conceive a child. The company shipped their first product in October 2018. The Technology was developed by Dr. Samuel Prien and Dr. Dustie Johnson. Dr. Prien's advice to all entrepreneurs and innovators, "get out of the lab and talk to your customers, it doesn't matter what you think, it matters what your customer thinks." Some advice from the founders, "work hard to get into this program, the TTU Accelerator, work hard when you get in and follow the process to the letter. There is a valuable reason for everything even though you may not see it right away."

Community Impact Programs

Young Entrepreneur Academy (YEA!)

The Young Entrepreneur Academy provided by the Lubbock Chamber of Commerce transforms middle and high school students into business owners. Students are taught how to form businesses from their ideas and pitch to investors. The Innovation Hub is a key community partner with the Chamber and provides meeting space, access to mentors, and curriculum for the program. Fifteen companies were formed during the 2017-2018 YEA! graduating class.

Red Raider Startup High School Program

Thirty-three students from 6 different area high schools participated in the Red Raider Startup High School Program on May 3-5, 2018. All Lubbock school districts were represented as well as All Saints Episcopal School. Students progressed through a set of hands-on learning sessions that focused on ideation, team formation, customer discovery, and pitch workshops. The teams presented in front of an investor panel at the end of the 3-day event.

Lubbock Angel Network (LAN)

The Lubbock Angel Network provides angel funding and support capital for innovative startups in West Texas and beyond. LAN is the only form of privately organized capital for venture investing in Lubbock. Partners work closely with the Innovation Hub for access to deal flow. The Innovation Hub is a key community partner for LAN, provides meeting space, and supports LAN's fundraising efforts. To date, LAN has invested in 22 companies and has three exits.

Entrepreneur Socials

Every other month, the Hub hosts networking socials at fun and unique places in the community. Connections are made with students, mentors, and industry leaders to create a culture of innovation and entrepreneurship in West Texas. Over 100 people attend each social.

Tech Hub Entrepreneur Alumni Chapter

The Tech Hub Chapter was launched in 2017 in partnership with the Texas Tech Alumni Association to recognize Texas Tech alumni and connect them with the university in a meaningful way to entrepreneurship and innovation initiatives. The Hub Chapter provides opportunities to recognize alumni contributions to the entrepreneurial ecosystem and assist entrepreneurs through scholarships from classroom to the market place through networking, mentoring, and activities supporting Red Raider entrepreneurs.

1 Million Cups

Once a month, 1 Million Cups is hosted at the Hub to educate, engage, and inspire entrepreneurs. Two startup companies are invited to present each month to gain insight and resources from others in the entrepreneurial community.

50

Community Impact Events

1,669

Community Impact Attendees

872

Volunteer Hours



33

students from 6 local high schools learn entrepreneurial skills.

2017-2018 SUPPORTERS & PARTNERS

iTTU Mentors

Lance Anderson
Randy Anderson
Adrien Bennings
Nick Bergfeld
Jack Bohannon
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