



Entrepreneurial Models in Universities of Kazakhstan and the U.S.

Thematic Webinar

Agenda

I. Opening Remarks – Discussion of the Seed Grants

II. Entrepreneurial Models in Kazakh Universities

- *Gulshat Aiesheva*, M.Kh. Dulaty Taraz Regional University
- *Vladimir Popov*, Kazakh-British Technical University

III. Entrepreneurial Models in U.S. Universities

- *Catherine Kleier*, Metropolitan State University of Denver
- *Cheryl Matherly*, Lehigh University
- *Abram Becker* and *Andrew Richards*, University of Wisconsin-Madison

IV. Q&A



- Seed Grants Application
- In-Person Event in Kazakhstan
- Office hours – last 30 minutes of webinars



Gulshat Aiesheva

Head of the Office of Commercialization
and Business Incubation

Zhangir Khan West Kazakhstan
Agrarian Technical University



- ❑ Commercialization and Business Incubation at Zhangir Khan WKATU



OFFICE OF COMMERCIALIZATION AND BUSINESS INCUBATION OF ZHANGIR KHAN UNIVERSITY

Gulshat Aiesheva

ZHANGIR KHAN UNIVERSITY RESOURCES

**Scientific projects,
patents,
recommendations,
Business Cases**

**Intellectual potential:
experts, doctoral
students, master's
students, students**

**Modern scientific,
technological,
material and
technical base**

SCIENTIFIC INFRASTRUCTURE

**Commercialization and
Business Incubation Office**

AgriTech Hub

**Experimental design
bureau**

**Accredited scientific
laboratories**

Tools for implementing technology commercialization and business incubation

BUSINESS PARTNERS CLUB

Creation of the Partners Club. Involvement in commercialization projects. Creation of a fund.

ACCELERATION PROGRAMS

Conducting acceleration programs for completed research projects "STARTUP-WEST"

DEMO-DAY, DEMO-DAY, RTK, PITCHES, EXHIBITIONS

Conducting and participating in events to promote projects. Promotion of the Business & Science (B&S) principle

COMMERCIALIZATION POLICY

Creation of a Database and audit of research results. Improving commercialization policies.

TECHNOLOGICAL REQUESTS

Searching for real business technology needs and forming teams of implementers for solutions.

CONSULTING AND TRAINING

Conducting consultations and seminars for scientists and entrepreneurs in the region on commercializing technologies and supporting innovation.

PR AND PROPAGANDA

Advertising and promotion of innovative developments of the university and publication of "Success Stories"

TRAINING

Internships and advanced training for Office employees in Kazakhstan and abroad

Technology commercialization and business incubation



Formation of an entrepreneurship ecosystem

Business incubation (acceleration) programs

over 300 innovative projects of entrepreneurs from the ZKR and scientists from the ZKR and the Kh. Dosmukhamedov University

DEMO DAYS

more than 180 innovative projects of entrepreneurs, scientists and students

Group (individual) consultations

Over 500 consultations were held for entrepreneurs, scientists and students

Master classes on technology commercialization, technopreneurship and startups

More than 50 master classes were conducted.

Training seminars on technology commercialization and intellectual law

over 400 scientists and students were trained by specialists from the Office, as well as the Science Foundation, Kazpatent, WIPO, etc.

Seminars for business partners

More than 100 business entities were familiarized with the types of government support for innovation and grants for the commercialization of technologies



Technology commercialization

Commercialization Grants:

Concept justification - 6, prototype creation - 2, commercialization - 2, CRDF Global - 2, QazInnovations - 1, Eurasia Foundation - 1, Soros Foundation-Kazakhstan - 1, RIF - 1, Taiburyl - 3, DKB - 7, etc.

Internships abroad

Internships on technology commercialization, technoentrepreneurship and intellectual law in the USA, China, Czech Republic

Cooperation in the field of technology commercialization, entrepreneurship and startups

Cooperation agreements have been concluded with the Science Foundation, Atameken, Damu Foundation, universities of the Republic of Kazakhstan and the USA - 10.

Searching for business partners and/or investors at international exhibitions (networking)

Presentation of innovative developments in China, the Czech Republic, Japan, Turkey, France - 12 projects.

Participation in competitions for the commercialization of scientific results

more than 40 projects together with business partners

Participation in competitions for the commercialization of QazInnovations technologies, etc.

more than 50 innovative projects together with business partners

International acceleration programs

Completion of GCIP acceleration – Kazakhstan (final), Eco-talk (1st place), ClimateLaunchpad (final), etc. Internship for the winners in Riga (Latvia).

Wins at innovation competitions (1st place)

Oryol State Agrarian University, Jaiq Hub Hackathon, International technology commercialization reactors in Abu Dhabi, Kathmandu, Riga (Latvia), Almaty, Astana, etc.

Promotion of projects

Pitchings of the Science Foundation, RCT, CCT CIS, Business Partners Club, etc. - more than 30 projects

Implemented product commercialization projects

for an amount over 250 million tenge

OUR SERVICES FOR SCIENTISTS



Consultations



Education



Attracting
investments



Attracting a
Potential Business
Partner



Team building



Preparation of
competitive
applications



Support in project
implementation

SERVICES FOR BUSINESS



Consultations



Search for a potential
scientific partner,
negotiations



Search for promising
scientific
developments for
implementation



Conclusion of
Agreements with
scientists



Conducting business
incubation training
programs



Preparation of
competitive
applications



Support in project
implementation

CONTACTS

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Business Incubation at Zhangir Khan University**



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<https://wkau.edu.kz/>



https://instagram.com/west_startup_incubator?igshid=NTc4MTlwNjQ2YQ==



KAZAKH-BRITISH
TECHNICAL
UNIVERSITY

Vladimir Popov

Head of KBTU Startup Incubator



□ KBTU Startup Incubator





**MORE THAN
6000**

Total number
of students

ENGLISH

Language of
instruction

ABOUT KBTU

**AUGUST
2001**

Established

10 AND 3

Schools &
Subsidiaries

ACCREDITATIONS AND PROFESSIONAL CERTIFICATIONS

- IQAA
- ABET
- ACBSP
- ACCA
- CIMA
- CFA
- Ministry of Transport and Communication
from Sultanate of Oman
- FRM GARP



SCHOOLS



SCHOOL OF
ENERGY AND PETROLEUM
INDUSTRY

School of Energy and
and Petroleum
Industry



SCHOOL OF GEOLOGY

School of Geology



SCHOOL OF
INFORMATION TECHNOLOGY
AND ENGINEERING

School of Information
Technology and
Engineering



BUSINESS SCHOOL

Business School



INTERNATIONAL SCHOOL OF
ECONOMICS

International School
of Economics



KAZAKHSTAN
MARITIME ACADEMY

Kazakhstan Maritime
Academy



SCHOOL OF
CHEMICAL ENGINEERING

School
of Chemical
Engineering



SCHOOL OF
APPLIED MATHEMATICS

School
of Applied
Mathematics



SCHOOL OF
MATERIALS SCIENCE AND
GREEN TECHNOLOGIES

School of Material
Science
and Green Technology

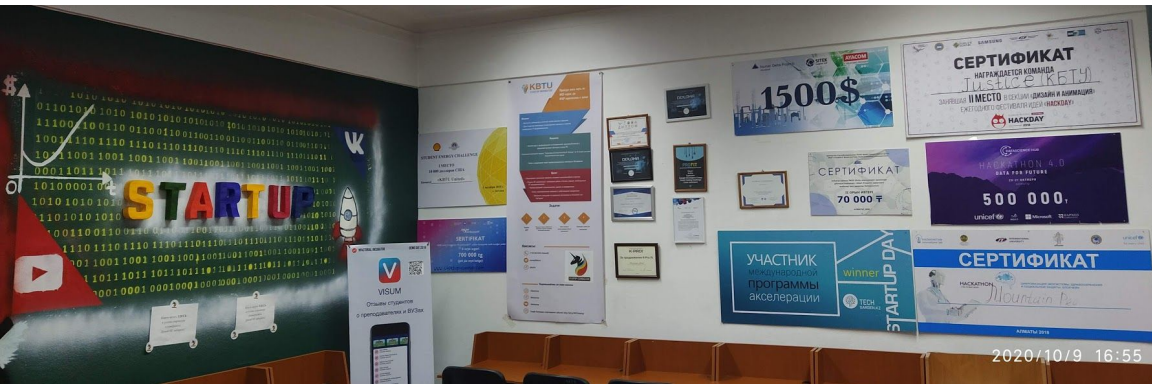


SCHOOL OF
NATURAL AND SOCIAL
SCIENCES

School of Natural and
Social Sciences

Student Business Incubator (SBI)

“Give students a chance to turn a dream into reality, allow every BSc/MSc with ideas to choose/generate the most prominent Idea and go the full path from Idea to the Product.

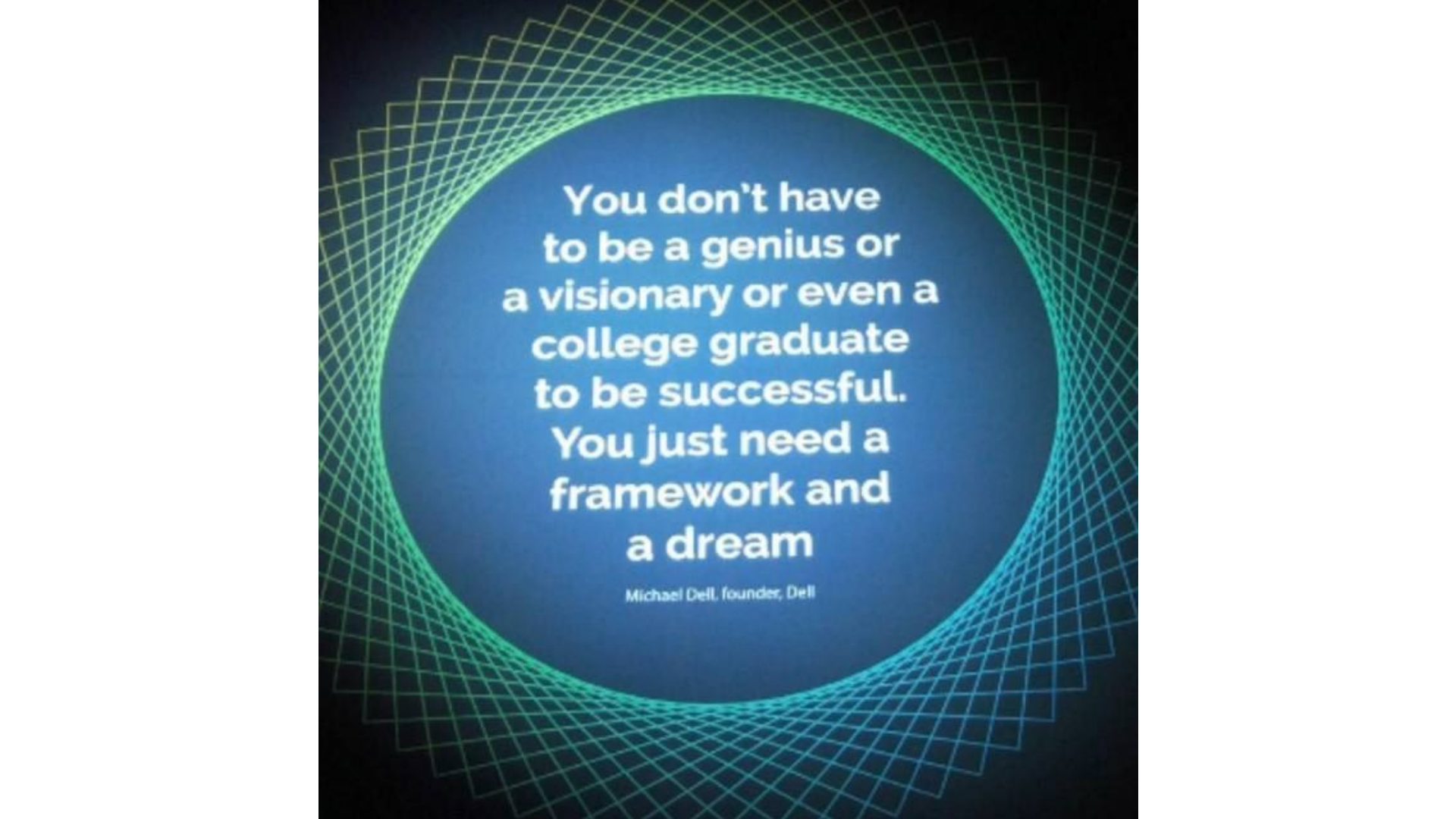


Vladimir Popov

Founder startup-course.com/

Director “KBTU Startup Inc.”

Co-founder [AUBIAK.kz](https://aubiak.kz) Assoc.



**You don't have
to be a genius or
a visionary or even a
college graduate
to be successful.
You just need a
framework and
a dream**

Michael Dell, founder, Dell

Intro @KBTUstartup

Student Business Incubator (SBI) is a structural unit in direct contact with the Vice-Rector for Science/Innovation and the Provost for Youth Policy.

2 part-time employees at 0.5 rates (plan to expand)

SBI = incubation program + coworking space + integration into the ecosystem



New Members

UBI Engage #23 and meet the 17 new incubators and accelerators welcomed into our community:



“KBTU Startup Incubator”

**17 batches of incubation, 250+ ideas, 100+ MVP,
25 projects alive. TOTAL 25k \$ prizes won**



TOP Achievements:

- 🇰🇿 1 KZ @ [WorldIncubationSummit.com](https://www.worldincubationsummit.com) (First ESO from KZ on the global map of 1000+ BI & Accelerators)
- 🇺🇸 Membership in [InBIA.org](https://www.inbia.org) Association (USA). The only BI from KZ at the 36th conference (ICBI)
- 🇸🇦 1 KZ @ [EntrepreneurshipWorldCup.com](https://www.entrepreneurshipworldcup.com) The only ones representing KZ in Saudi Arabia
- 🇯🇵 Won RedBull Basement 1000\$, prizes and Japan-trip to Tokio final
- 🇺🇸 4x win in Global Student Entrepreneur Awards ([GSEA.org](https://www.gsea.org)) Anatili & [OneDev.kz](https://www.oncozero.ai) & [oncozero.ai](https://www.oncozero.ai). UK-semi
- 🇬🇧 Acceleration under the British Council program "Creative Spark" in UK Henley Business School
- 🇰🇿 3x winners in Student KazEnergy Challenge: 10k, 5k, 3k
- 🇰🇿 Enactus Final & 500k + 500k tenge prizes
- 🇰🇿 Exclusive [HultPrize.org](https://www.hultprize.org), TOP30 from 20 countries, TOP6
- 💰 Won in more than 20 [startup.vg](https://www.startup.vg) competitions & won more than 25 000\$ cash prizes

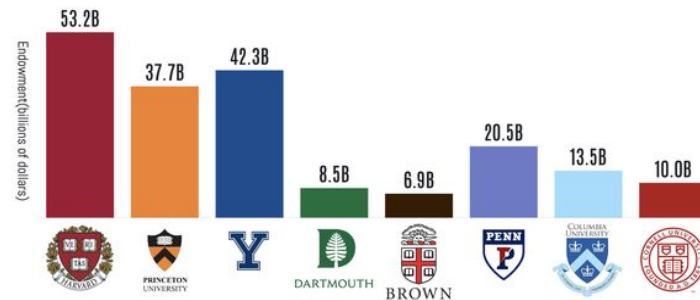
Pain points of Target Audience (1). Rector

What bothers chancellors/provosts (decision makers) ?

- ♦ university in innovation ratings
- ♦ mass-media coverage about students' success. Fame generator
- ♦ school-leavers attraction
- ♦ compliance with standards and 7 salaries
- ♦ annual reports for government about startups
- ♦ bigger grants and programs (Erasmus+)
- ♦ endowment fund



Ivy League Endowment
As of 2021



Improving the University's position in international rankings



The QS World University Rankings methodology includes indicators related to the presence of a startup community or the development of entrepreneurial mind-set in students*:

General scoring indicators:

- At least 30 startups created by students or graduates of the university per year
- At least 10% of the students initiated a startup
- At least 3 student clubs specializing in entrepreneurship and providing students with the opportunity to develop their entrepreneurial skills outside the classroom.

Points added for the presence of an Incubator in a university:

- The incubator must have at least 20 seats for students to work on their startups, and they must be provided with dedicated space and resources to develop their ideas.
- The incubator must have at least 40% of entrepreneurs who are women, which contributes to the diversity of the ecosystem.
- At least 70% of the companies that come through the incubator program must receive seed funding, which includes both university and private funding.

Educational program. The most academic incubation

1 semester in accordance with the standards of the Ministry of Science and Higher Education

15 topics startup-course.com/en for 15 weeks

45 classroom hours + XX overtime in the ecosystem

20+ guest lecturers from the industry

35+ visits to external startup events

1000+ students have already completed the program

Batches:

15th (fall 2023) 42 MSc and 60+ bachelors

16th (spring 2024) ~300 BSc registered & extracurricular

17th stream is being recruited startup.kbtu.kz/apply



PBL (Project-Based Learning). 'Practice makes perfect!'

We help students realize their creative potential, turn **dreams** into reality, and Ideas into technological Products.

We listen to **guest** lectures from top specialists and startupper.

As we progress through the program, we participate in **all startup ecosystem events**, learn outside the university from the best practitioners from the industry.

At the end of the program, we organize a public **DEMODAY** in front of venture investors, business angels, ecosystem specialists and technology entrepreneurs.

The goal of the incubators is to move to the **accelerator** for multiple growth.

Startup corner in coworking

26 seats in working space

15+ certificates about wins from competitions
#motivation

15+ business books about entrepreneurship
#knowledge

1 LED-panel for presenting #PitchDeck

To add:

- chill zone
- meeting room



Facilities we offer (digitally and physically)

Full path: 💡 MCI → 🏗️ MVP → 🚀 MVO → 📅 SOON 🦄 Unicorn

1. **Incubation** program startup-course.com/en for 1 semester
2. **Space** at startup corner in coworking
3. **PR-promo** in own social media accounts: Instagram (2000+ followers) and Telegram (1000+)
4. **Connection** with journalists for publicity: digital journals and printed newspapers
5. **DEMODAY** with jury: investors, startup ecosystem players, accelerators and techpreneurs
6. **Notifications** about all startup events, possible grants and investment opportunities startup.vg
7. **Trackers/Mentors** from Incubation Alumni & [@KBTUalumni](https://t.me/KBTUalumni)
8. **Consulting** from field experts

More information available on web-site startup.kbtu.kz/en and in presentation startup.kbtu.kz/en/sbi

Mission. Vision. Objectives. Tasks.



Mission

- Increase quantity and quality of Startups
- Give students an understanding of entrepreneurial process and skills required for IT-businessman
- Prepare junior Product-Managers for Agile world

Vision

- Online course with video lectures and methodology, adapted to the **credit system** of education in universities
- Elective discipline for 15 weeks in the "flipped class"
- Communication with the industry through professional mentors and networking on events

Objectives

- To form an understanding of the process of creating a viable startup
- To develop IT competence, teamwork and business skills
- To have trained teams of 3-5 people with working products
- To ensure that teams get into an acceleration program or Market

Tasks

- Create MVP
- Join the start-up community
- Pitch in front of the wide audience at the events
- Find a mentor in the relevant field of activity-Vertical
- Prepare an application for the accelerator

Traction timeline with milestones (1)



STARTUP-COURSE.COM

Embedding the elective subject **“Startups and TechPreneurship”** at Kazakh-British Technical University (KBTU)

Business-incubator congress "Global Incubation Conference" HSEGIC at Higher School of Economics in Moscow, Russia

Training about teaching "Internet Entrepreneurship" in Moscow, Russia

EntrepreneurshipWorldCup.com by GEM in Saudi Arabia (1 KZ)

2017

2018

2019

2020

2025

AstanaHub (mentors) "Trackers School"

STEPconference.com in Dubai Internet City, UAE

International Conference on Business Incubation (ICBI) by InBIA.org/icbi36/ in Atlanta, Georgia, USA

Training from IIDE.vc about teaching "Internet Entrepreneurship"

WorldIncubationSummit.com in Doha, Qatar (only 1 from KZ)

Roadmap. Strategy



Step 1

Entrepreneurship Hub
(Tech, Classic, Social, ECO,
Creative, Consulting)
COWORKING

2

Money Endowment
Fund KBTUendowment.kz

3

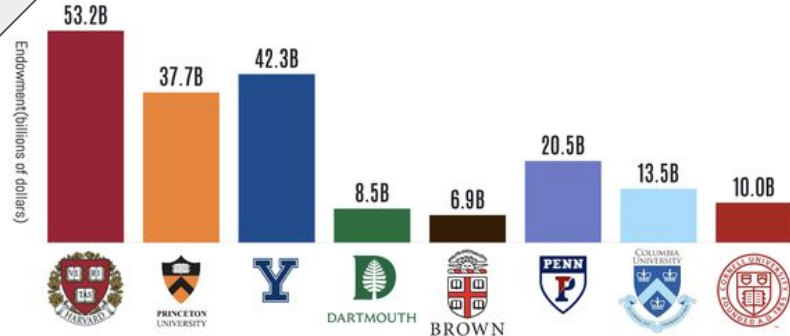
Acceleration for Equity %

4

VC. Venture Fund
“KazBrit”

Ivy League Endowment

As of 2021



Corporate incubation program



CENTERCREDIT
БАНК ТРАДИЦИОННЫХ ЦЕННОСТЕЙ



Beeline™

Choco**Family**

KBTU Startup Incubator offers a corporate incubator to companies that have ideas / projects, but no budget or staff to implement. Companies transfer their tasks to the students of the startup incubator in the form of business cases (challenges) indicating the requirements for the timing, design and use of technology.

Goals:

- New product, first implementation and industry expertise
- New department in the customer's company
- New start-up on the market, which sells the solutions to the customer's competitors

UBI-global.com member



UBI GLOBAL



UBI Global - Innovation For Business Incubators & Accelerators

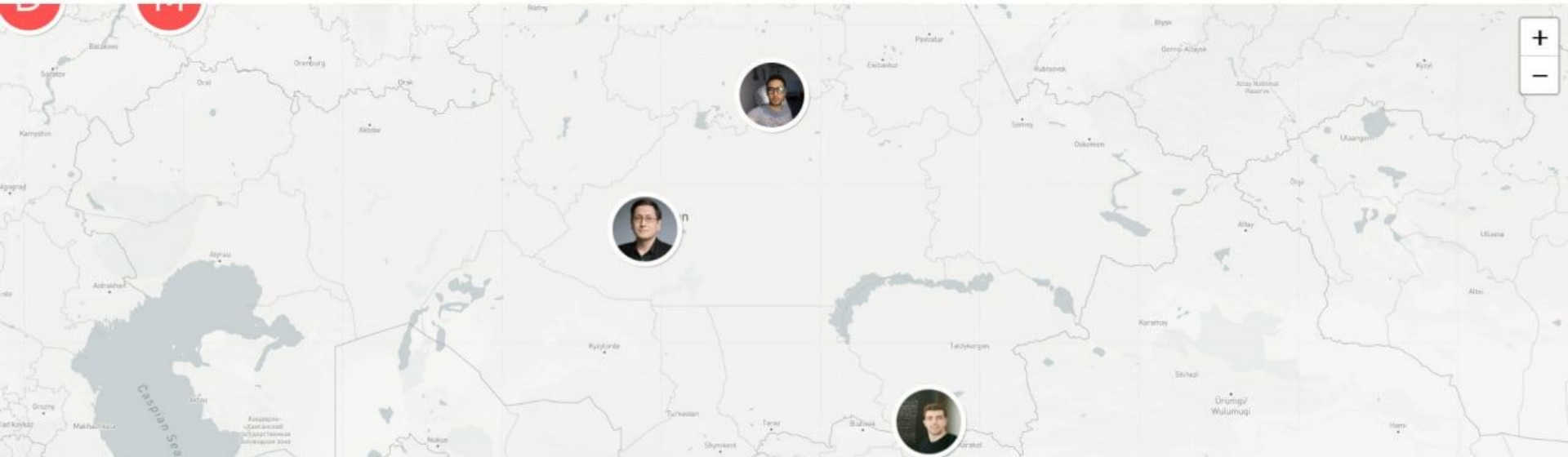
An Interactive Learning Community, Research Services from Stockholm

- Main [UBI-global.com](https://ubi-global.com)
- Intro youtu.be/7eyOW1cOOSw
- Global Innovation Studio (GIS) globalinnovationstudios.com
- World Benchmark Study (WBS) worldbenchmarkstudy.com
- World Incubation Summit (WIS'4) WorldIncubationSummit.com

Basic Member € 300 /year	Premium Member € 900 /year	Premium+ Member € 1,170 /year
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UBI Global's 1200+ member accelerators and incubators are supporting innovation in over 90 countries: inspiring and guiding over 120,000 startups worldwide.



InBIA.org member



InBIA is a global non-profit with over 1,200 members that lead entrepreneurship support organizations in 30 countries.

InBIA - **International Business Innovation Association** (prev. International Business Incubation and Acceleration Organization)

- ICBI'38 “International Conference on Business Incubation”
- e.Builders forum for ecosystem players (Kansas, Missouri 22-24 Oct 2024)
- Webinars
- Certifications

Membership Levels		
PLATINUM MEMBERSHIP	GOLD MEMBERSHIP	SILVER MEMBERSHIP
\$1200 / YEAR	\$695 / YEAR	\$525 / YEAR

exchange.inbia.org



STARTUP-COURSE.COM

Webinars - InBIA InBIA

inbia.org/webinars/

Перезапустить и обновить

IN BIA

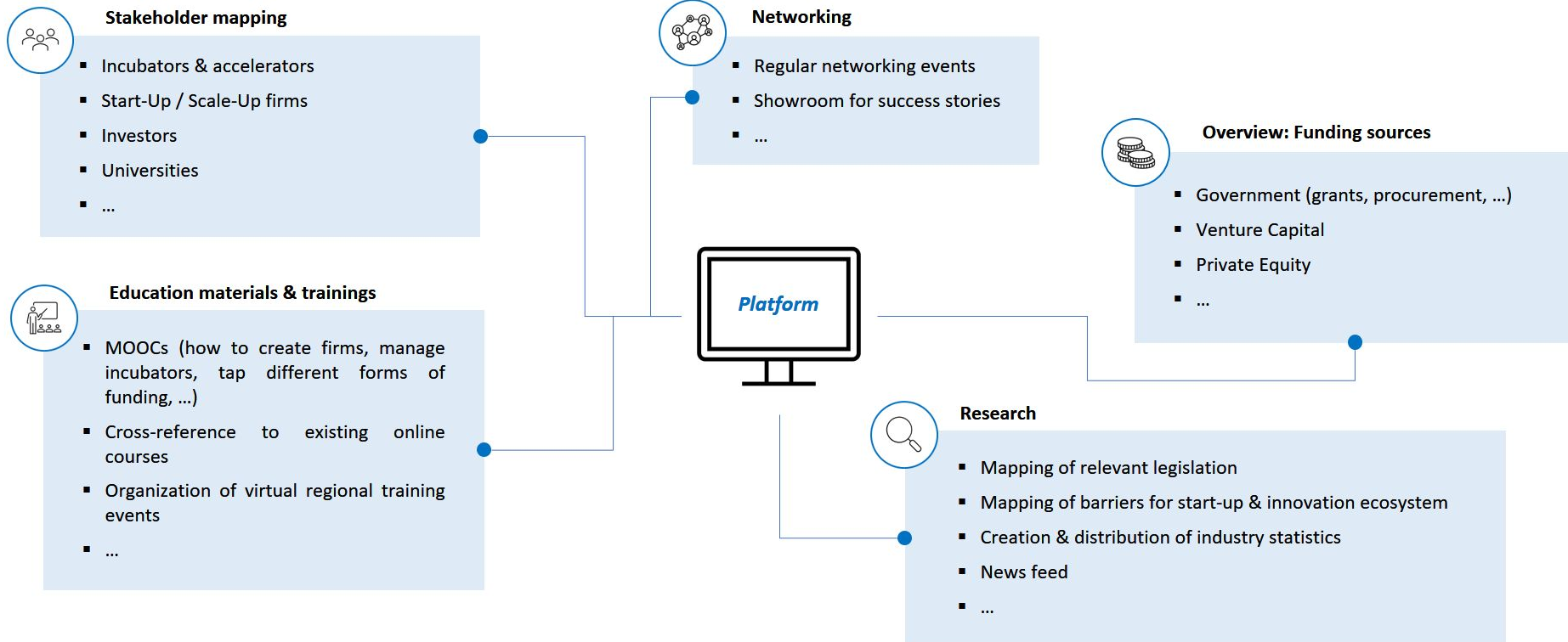
Upcoming Webinar
June 26, 2024

Leveraging Metrics to Benchmark Performance and Engage Stakeholders

Many entrepreneur support organizations (ESOs) gather data about the companies they serve for a variety of reasons, though often most crucially to be able to prove impact to funders and other stakeholders. This webinar will explore what types of data are most important to gather, tools and sources you can use beyond surveying, strategies for storytelling, and more.

Register Today →

UN ECE program for BI in SPECA: “NBIASD”



How could you contribute?

- Trackers, mentors, experts for young people #consultation
- Guest lecturers #guestLectureKBTU
- Experts and jury for DEMODAY #juryDEMOday
- Investments for startups. Incubatees startup.kbtu.kz/en/results
- Notifications about startup opportunities #events
- Tasks from the industry #challenge
- Subscribe to [instagram.com/KBTUstartup](https://www.instagram.com/KBTUstartup)

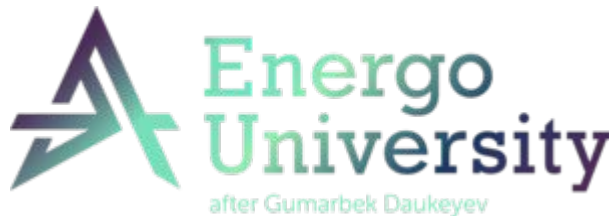


Collaboration with other universities

The most academic incubation program startup-course.com/en works in more than 5 universities



STARTUP-COURSE.COM



Thank you for your attention!

“Give a chance to students to turn a dream into reality and Idea into Product!”

Vladimir Popov

CEO of “V.P. Group”

Head of "KBTU Startup Incubator"

Link for the presentation: startup.KBTU.kz/en/sbi

Telegram: [@KokTis](https://t.me/@KokTis)

Mobile: +7 705 555 93 36

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E-mail: v@startup.vg & v.popov@kbtu.kz

Web-site: startup.KBTU.kz



• **Instagram:** [instagram.com/kbtustartup](https://www.instagram.com/kbtustartup) (2000+)

• **Telegram:** t.me/kbtustartup (1000+)

• [bit.LY/KBTUstartup](https://bit.ly/KBTUstartup)



KBTU
STARTUP INCUBATOR

KBTU Alumni

KBTU graduates
successfully work in
BigTech and other
high-tech companies



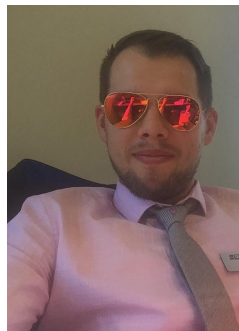
Alibek Datbayev,
2010 *Teamlead*
at *Booking.com*
Netherlands



Olzhas
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Sergey
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Ernar
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DataScience at
Beeline.kz



Dauren Malayev,
2011 *Director* for
new products at
ChocoFamily.kz



Dr. Catherine Kleier

Professor of Biology,
Associate Vice President of Faculty Affairs &
Office of the Provost/Academic Affairs



❑ Entrepreneurial Model at MSU Denver





Metropolitan State University of Denver, Colorado

Entrepreneurial Models in Higher Education

Kazakhstan US University Consortium, July 9, 2024

CHANGEMAKERS WANTED

MSU Denver is open access and urban

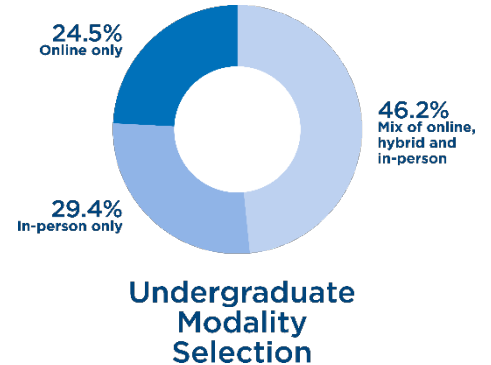
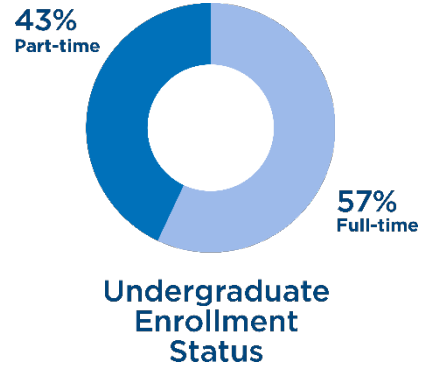



Nearly
100
Bachelor
Programs


10
Graduate
Programs


102
Minor
Programs


48
Certificate
Programs




*as of fall 2023

CHANGEMAKERS WANTED

Our Impact



108,000+
Total Graduates



76%
Alumni Who
Remain in Colorado
Post-graduation



>\$38M
disbursed to
4,216 students
as part of the
**Roadrunner
Promise**



54.9%
Students
receiving
scholarships
and grants
>\$75 million
(2022-23)



\$1.8M
saved by 11,065
Roadrunners via
Tuition Lock in
Fall 2023



4,862
Students who had
tuition and fees
covered 100%
by MSU Denver
in 2022-23

*as of fall 2023

CHANGEMAKERS WANTED

School of Education

The Office of Ed Solutions

Increases student retention and recruitment by creating a sense of community and belonging through content- and identity-based efforts.

Since its formation, Ed Solutions has brought in over \$3 million to advance our efforts and innovate in the field of education.



Trauma-Informed practices (TIP) Program equips pre-service and current teachers with skills to support students to thrive academically and personally.



Call Me MiSTER, Inclusive Higher Ed Solutions (IHES), the Hawkins Para Scholarship, and the Roadrunner Diversity Scholars Program (RDSP) recruit diverse students to MSU Denver.



Across our programs and initiatives, we have brought in over \$550,000 in gifts and endowments, nearly \$2.7 million in grants, and \$25,000 in direct revenue with plans in place to scale growth.



CHANGEMAKERS WANTED

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College of Business - Center for Entrepreneurship

Launch Denver

- Ten week business startup workshop
- Business coaching
- Guidance through the startup process

Women Entrepreneurs Series

- Stories of successful women business leaders
- Networking



CHANGEMAKERS WANTED

School of Hospitality



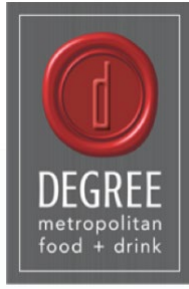
University owned hotel generates income and provides educational and training opportunities for students.



MSU Denver students are currently working with the hotel restaurant on its rebranding. Students cover topics including, menu design, pricing strategies and market segmentation.



Brewing Operations produce beers that are sold in the hotel restaurant.



Works with the City of Denver on providing targeted training courses for refugees. Courses in culinary arts and hotel guest service will allow students to take jobs in high-demand professions (e.g. kitchen assistants). Work with network of hotel and restaurant partners to generate placements for these refugees.



CHANGEMAKERS WANTED

Other Entrepreneurial Examples

- Certificates (15 hours - can lead to a credential)
- Clinical services
 - Speech-Language
 - Counseling
- Capstone courses
- Theatre and music productions
- Center for Visual Art





MSUSM
DENVER

Thank you!

Dr. Catherine (Cath) Kleier, Associate Vice President for
Faculty Affairs and Professor of Biology

cakleier@msudenver.edu

CHANGEMAKERS WANTED



Dr. Cheryl Matherly

Vice President/Vice Provost, International Affairs
Lehigh University



□ Entrepreneurial Model at Lehigh University



think. do. become.

A Uniquely Lehigh Entrepreneurship Ecosystem





LEHIGH
UNIVERSITY



A Culture of Innovation

Asa Packer, our founder, was an industrial pioneer and entrepreneur who inspired a natural legacy of changemakers from 1865 through the turn of the millennium.

- Inspiring the Future Makers
 - **Make it new. Make it different. Make it together.**
- Entrepreneurial mindset for ALL
 - **every background, identity, and discipline**
- A vibrant ecosystem
 - **50+ distinct experiences (opportunities, courses, programs, centers,**
 - **All levels: from entrepre-curious exploration to immersive deep dives**



Entrepreneurial Pathways



Entrepreneurial Mindset for Professional Growth



Entrepreneurial Mindset for ALL



Entrepreneurial Action for Societal Impact



Concierge Service to Chart Your Own Course



Entrepreneurial Action for Venture Creation



Communication and Outreach

- **“Think. Do. Become.”**
 - More than a clever tagline, it’s our entrepreneurial ethos
- **Internal Communication**
 - Meet students where they are
 - Host events, workshops
 - Social media, web, podcasts, email, etc.
- **External Communication**
 - Engage the broader community
 - Partnerships, networking, mentoring
 - Targeted campaigns and publications



STUDENT
 Engaging the Future
 Inspiring the Next Generation

LEHIGH ENTREPRENEUR
 Lehigh University's Official Student Publication for Public Access
 Lehigh University's Official Student Publication for Public Access
 Lehigh University's Official Student Publication for Public Access

Latest News

Forty Award-Winning Artists
 New Grants of Market Research
 LifeStream

Supply Chain
 Managers Merry About
 Social Media
 Innovation

Breakdown
 Analysis of
 Economic
 Situation Over
 Six Months
 and Outlook

Lehigh Leads
 National
 Student Council to
 Inspire

Lehigh Leads
 National
 Student Council to
 Inspire

Video Gallery

Highly Innovative and Undergraduate
 Commencement May 18-19, 2024

Inside the Carbon Molecular Sieve at Packer
 Unit Demonstration

Define the Second-Order Connection

Publications

LEHIGH ALUMNI BULLETIN
 LEHIGH BUSINESS
 LEHIGH RESOLVE
 LEHIGH MEN

Podcasts

ROSSIN CONNECTION
 LEHIGH BUSINESS
 GETTERS
 LEHIGH @ NASDAQ CENTER PODCAST

RC
 ROSSIN CONNECTION

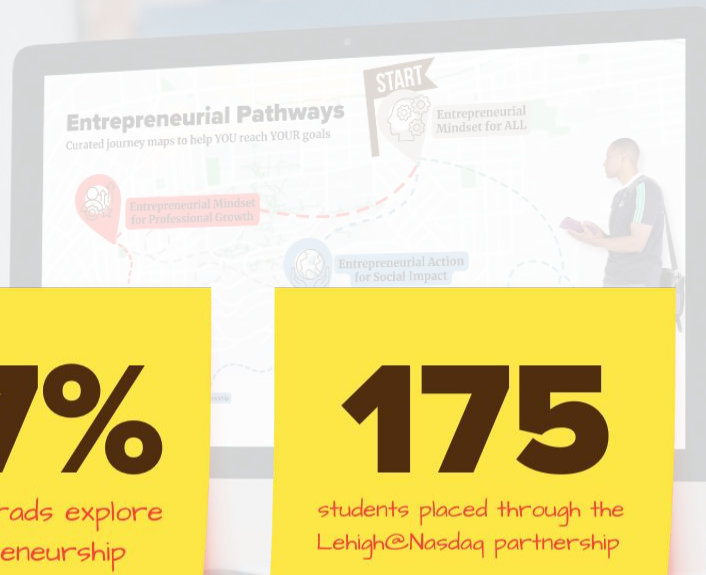
LEHIGH BUSINESS

GETTERS

LEHIGH @ NASDAQ CENTER PODCAST



Fast Facts



50+

courses, experiences, and opportunities to explore

27%

of undergrads explore entrepreneurship

175

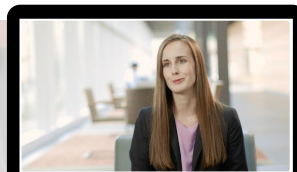
students placed through the Lehigh@Nasdaq partnership

100+

ideas pitched at EUREKA!

Success in Many Forms

- **Venture Creation**
 - **Lehigh Venture Labs provides launch support**
- **Entrepreneurial Mindset**
 - **Today's world requires creative problem solvers**



Cross-Campus Collaboration



Entrepreneurial Mindset for ALL

- 5x10 First Year Program in Entrepreneurship
- Design Thinking for Future Makers
- Hatchery: Meeting of the Minds
- Hatchery: Idea Bounce
- Hatchery: Zero to One
- Hatchery: Entrepreneurial Coaching
- Introduction to Design Thinking for Innovation
- Introduction to Entrepreneurship



Entrepreneurial Mindset for Professional Growth

- Entrepreneurship Minor
- Management Major: Entrepreneurship and Innovation Track
- Graduate Certificate in Technical Entrepreneurship
- The Bakery, A Community For Entrepreneurs And Innovators
- LearnX, MakeX, SprintX | Accelerator X/Maker Bootcamp?
- Iacocca International Internship Program



Entrepreneurial Action for Societal Impact

- Inquiry to Impact Projects
- Campus Sustainable Impact Fellowship
- Lehigh Valley Social Impact Fellowship
- Global Social Impact Fellowship
- Mountaintop Summer Experience
- Global Village



Entrepreneurial Action for Venture Creation

- Rapidly Accelerated Research Experience (RARE)
- New Ventures Club
- Eureka! Venture Program
- Lehigh Ventures Lab: Boost
- Lehigh Ventures Lab: Launch
- Lehigh Ventures Lab: Faculty Ventures
- M. Eng. in Technical Entrepreneurship



Silicon Valley

- Lehigh Silicon Valley
- Lehigh@Nasdaq: Startup Academy
- Lehigh@Nasdaq: Innovation Internships

- Silicon Valley Social Impact Fellowship

Questions?

- **Cheryl Matherly**
Vice President and Vice Provost for International Affairs
cam716@lehigh.edu
- **Lisa Getzler**
Vice Provost for Entrepreneurship
lig4@lehigh.edu





Abram Becker

Interim Director, Discovery to Product

Andrew Richards

Emeritus/Retired Director, Discovery to Product



- ❑ Entrepreneurship at the University of Wisconsin-Madison





Entrepreneurship at the University of Wisconsin–Madison

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WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

History

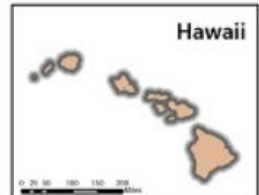
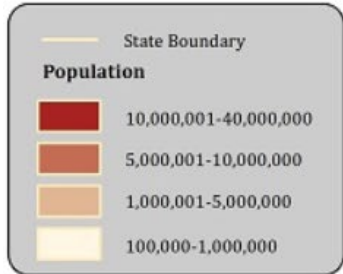
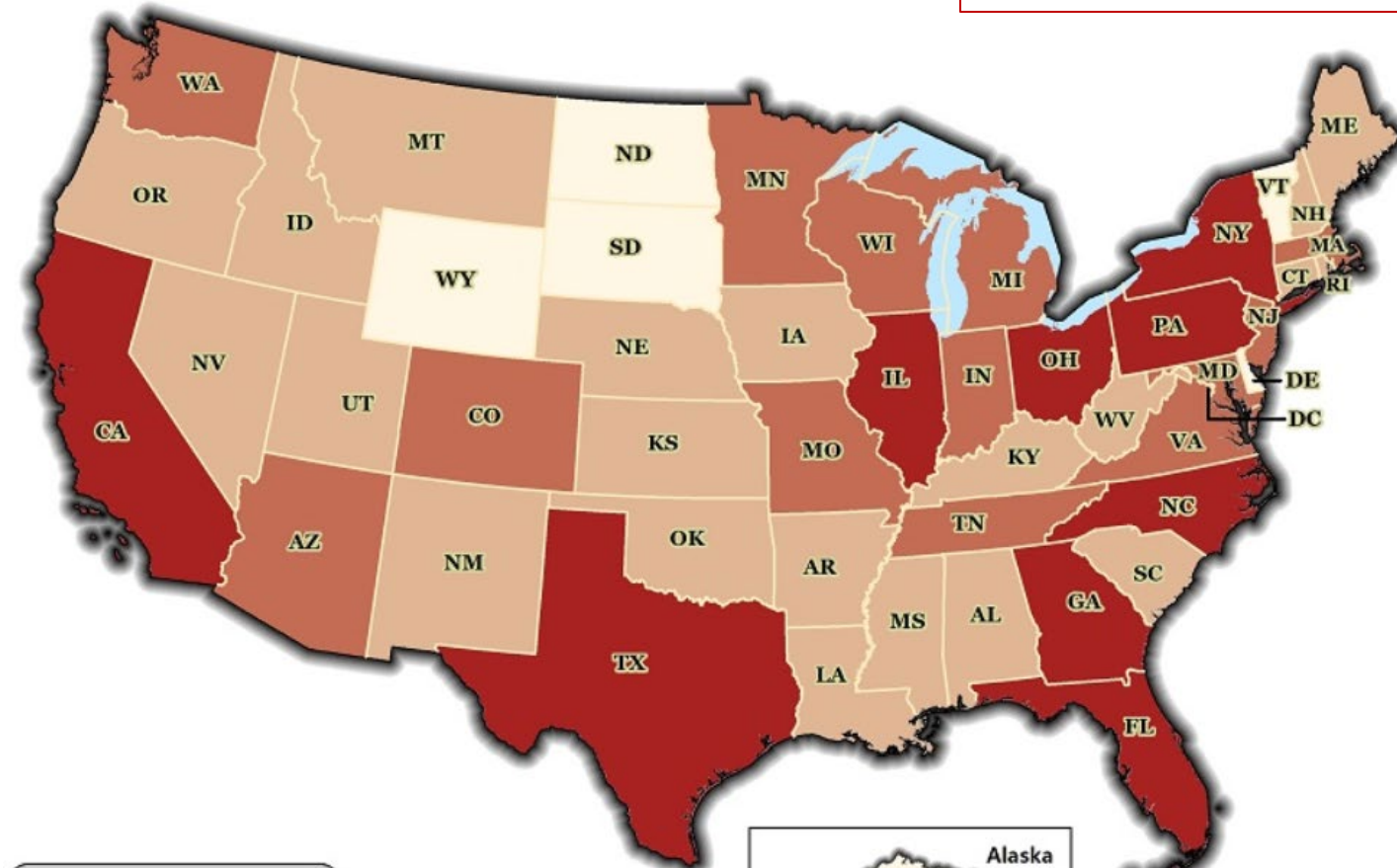
The University of Wisconsin–Madison is a public land-grant institution established in 1848.



State of Wisconsin

WI Population: 5,931,367 (2024)

Ranked 20th in the U.S.



Mission

To create, integrate, transfer, and apply knowledge through innovative programs of research, teaching, and public service.

The Wisconsin Idea: A longstanding tradition that defines the boundaries of the university as the boundaries of the state and beyond.

Quick Facts

ENROLLMENT: 50,633

- Undergraduate, graduate and professional students from 50 states and more than 127 countries
- Faculty and staff: 22,365
- Budget: \$4 billion
- Research: \$1.6 Billion, Ranked 8th in Expenditures
- Top Ten Worldwide in Patents Issued



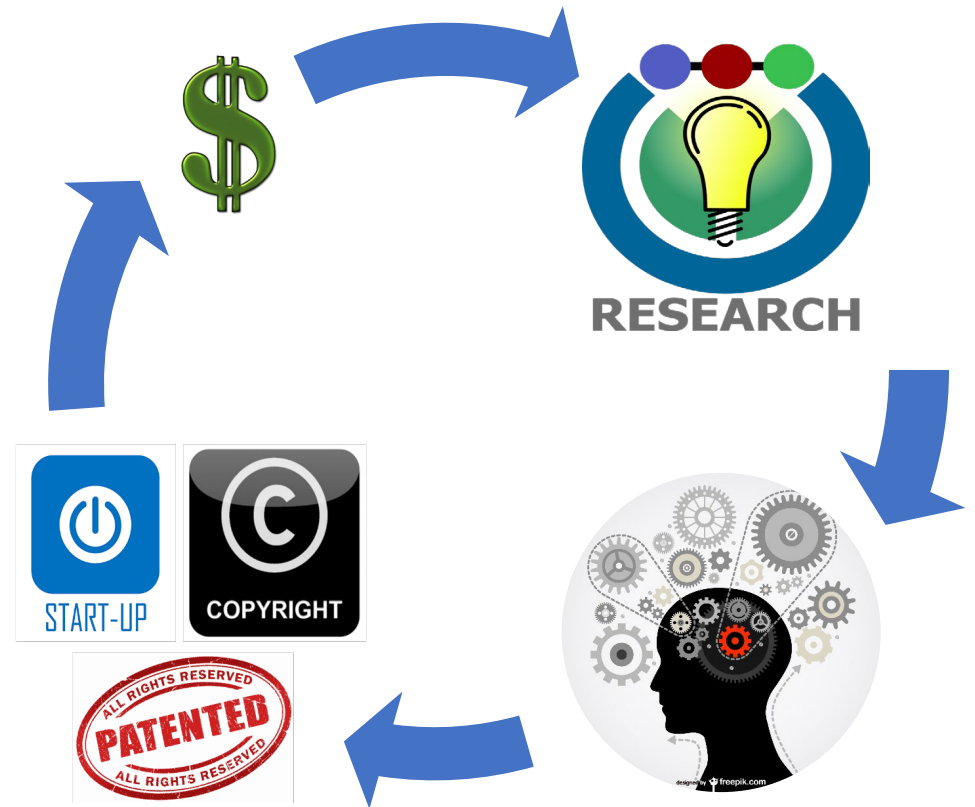
Commercialization/Entrepreneurship Model

Mission Focused

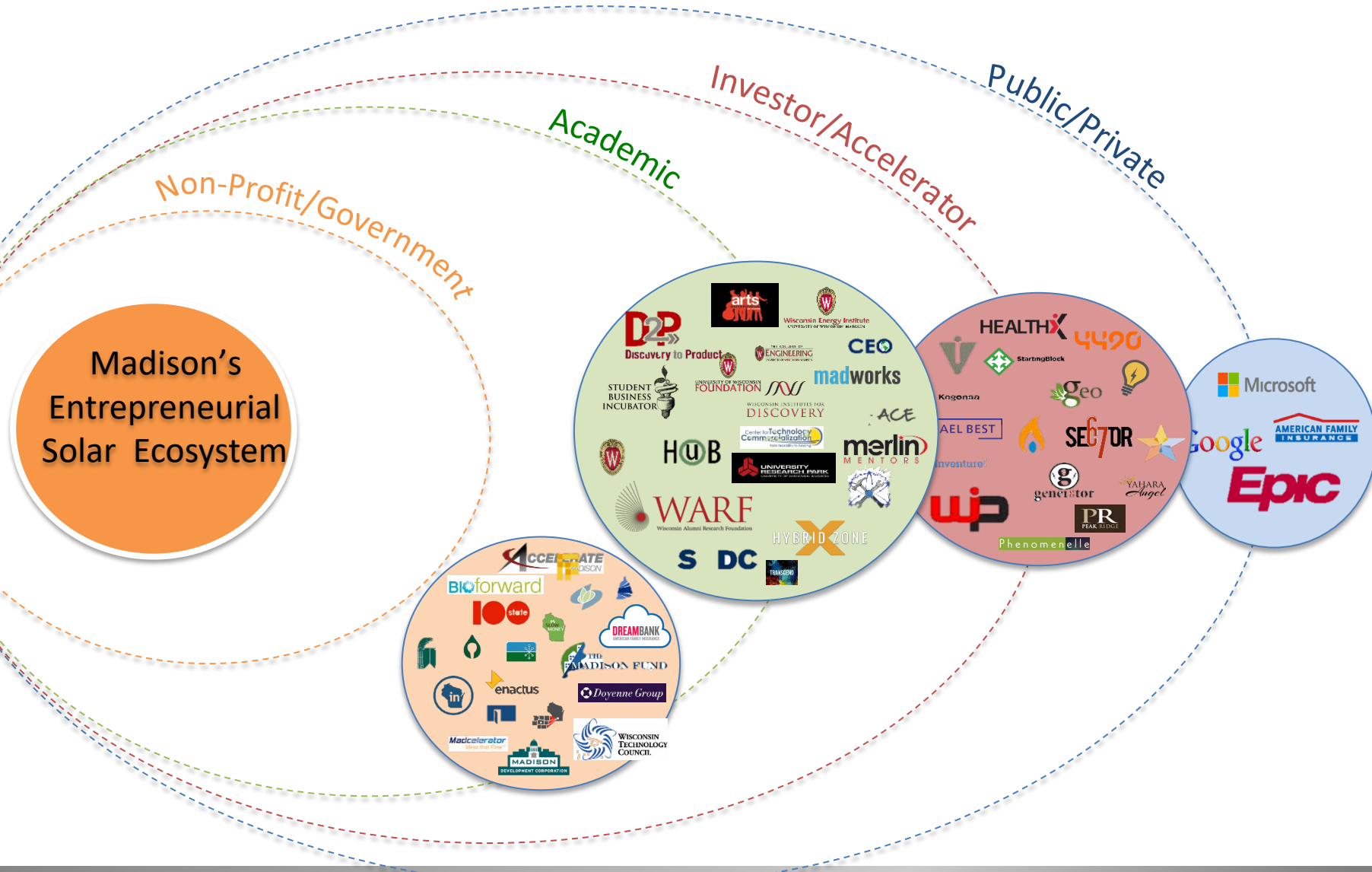
- Academics: Certificates and majors in entrepreneurship. Innovation infused into coursework in other majors
- Research: Technology/research transfer through patent production and startups
- Public Service: Use university knowledge and expertise to improve the human condition in the United States and around the world

Commercialization/Entreneurship Model

Innovation helps create a **virtuous cycle** that perpetuates the flow of financial resources to support both the university and the community.



Growing Ecosystem



Discovery to Product (D2P)

D2P serves as the front door for **UW-Madison innovators** to navigate resources in the campus and community ecosystem.



Discovery to Product (D2P) Programs & Services



Innovate Network

- Resources for innovators and entrepreneurs — on campus and beyond
- Subscribe to monthly **Innovate Insider** newsletter

UNIVERSITY of WISCONSIN-MADISON

RESOURCES FOR RESEARCHERS AND INVENTORS STUDENTS STARTUPS INDUSTRY

innovate
A network for inventors & entrepreneurs

Home News Events Learn Resources About Subscribe

The front door to UW-Madison's entrepreneurial ecosystem

Welcome to Innovate, UW-Madison's front door to find resources that support campus inventors and entrepreneurs. I invite you to work directly with campus partners who can provide advice, guidance, and resources for aspiring entrepreneurs and problem solvers at any stage of the innovation process.

– Cynthia Czajkowski, Interim Vice Chancellor for Research

[LEARN MORE](#)

Innovate UW-Madison DIRECTORY

Explore our database of university resources and programs for campus innovators and entrepreneurs—from early-stage, through incorporation, market introduction and rollout, and beyond.

[EXPLORE THE DIRECTORY](#)

FEATURED NEWS

Innovate.wisc.edu

University of Wisconsin and Kazakh Universities

- Entrepreneurism and Commercialization
 - Nazarbayev University
 - Yessenov University
 - Eastern Kazakhstan Technical University
- Other Areas
 - Ualikhanov University
 - Satbayev University
 - Kazakh Agrotechnical University
 - Toraighyrov University

THANK YOU

