TOGETHER
As Co-directors of the Center for Research Innovation (CRI) we take our responsibility to Protect, Accelerate, and Commercialize Northeastern’s cutting-edge research seriously. The gravity with which we approach our mandate is compelled by the fierce commitment of those we serve: the faculty and students of Northeastern. Together, we are united around a single purpose, the purpose to create impactful solutions for the world’s pressing challenges. In 2018, we successfully concentrated on refining fundamental practices to ensure a solid foundation for growth, and 2019 is the year of expansion. CRI team members, energized by challenge and steeped in purpose, are poised to steward new technologies, design new programs, discover new partnerships - to catalyze impact. We are proud to lead this enterprising team as we collectively strive to fulfill the Mission and realize the Vision of the Center for Research Innovation.

Jennifer Boyle-Lynch
CO-DIRECTOR

Andrew Curtin
CO-DIRECTOR
TO PAIR SOLUTION-ORIENTED RESEARCH WITH REAL-WORLD NEEDS FOR THE ENRICHMENT OF SOCIETY THROUGH THE PROTECTION, ACCELERATION, AND COMMERCIALIZATION OF NORTHEASTERN INNOVATION.
SAFEGUARDING NORTHEASTERN INGENUITY IS OUR MANDATE, WHICH WE FULFILL BY JUDICIOUSLY FILING ROBUST, STRONG, DEFENSIBLE, AND COMMERCIALY VAILABLE PATENT APPLICATIONS.

“Effective intellectual property protection attracts commercial interest, promotes strong licensing agreements, and positions technologies for maximal public benefit. I give inventors the best advice I can to help facilitate their goals, and nothing makes me happier than seeing an inventor excited about the grant of a patent or a licensee successfully commercialize Northeastern innovation.”

Paige Clapp
ASSISTANT DIRECTOR OF INTELLECTUAL PROPERTY & CONTRACT COUNSEL
IMPROVING THE PROCESS

INTRODUCING THE INVENTOR PORTAL. THIS NEW TOOL STREAMLINES THE DISCLOSURE PROCESS, SAVES INVENTORS TIME, ENHANCES TRANSPARENCY, AND BOOSTS DISCLOSURE STRENGTH.

“By developing the Inventor Portal, not only are we creating an easier method of disclosing via a completely online experience, but we are also empowering inventors by providing an on demand portfolio dashboard.”

Jacqui Mitchell
FINANCE & TECHNICAL ADMINISTRATOR
INVENTION DISCLOSURES
13% INCREASE
168 PATENT APPLICATIONS

32 PATENTS ISSUED
14% INCREASE
NORTHEASTERN UNIVERSITY
INVENTORS AWARDED PATENTS FY2018

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<td>NIKOLAI ZVONOK</td>
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TOP 100 WORLDWIDE UNIVERSITIES
GRANTED U.S. UTILITY PATENTS

2015  2016  2017
CONNECTIONS DRIVE INNOVATION FORWARD. THROUGH INDUSTRY ENGAGEMENT AND SIGNATURE PROGRAMS, WE CREATE AN EXCHANGE OF IDEAS AND RESOURCES LEADING TO SPONSORED RESEARCH, COLLABORATIVE INNOVATION, EDUCATIONAL INSIGHT, AND UNIVERSITY-WIDE OPPORTUNITY.

“Here’s where the two sides of our office meet, the industry facing and the Northeastern facing. It’s a space enlivened by collaboration and brimming with opportunity - a space that ignites my enterprising spirit.”

Brice Tennant
MARKETING AND PROGRAM MANAGER
INDUSTRY ENGAGEMENT

ACUTE AWARENESS OF INDUSTRY NEEDS IS A CRITICAL COMPONENT OF OUR ACCELERATION PROGRAM. THE NEEDS WE IDENTIFY SEED RESEARCH AND EXPEDITE SOLUTION-ORIENTED INNOVATION.

“Industry engagement provides deep understanding of the process, requirements and operating needs of end users for academic researchers steeped in their work from a scientific perspective, and the CRI is the critical medium for this exchange.”

Colin Sullivan
COMMERCIALIZATION, RESEARCH AND MARKETING
CORPORATE RELATIONSHIPS
Genuine Relationships Generating Real Results

64

12

35

24

EXTERNAL LEADS
INDUSTRY MEETINGS
EARLY STAGE TECH DISCUSSIONS
HIGH ENGAGEMENT RELATIONSHIPS
NON-DISCLOSURE AGREEMENTS
FORTIFYING INTEREST THROUGH CONFIDENTIALITY
NON-DISCLOSURE AGREEMENTS

NON-DISCLOSURE AGREEMENTS ENABLE INDUSTRY LEADERS TO SHARE CHALLENGES AND DISCOVER NORTHEASTERN RESEARCH CAPABILITIES. WE BROUGHT THE EXECUTION OF COMMERCIAL NDAs IN HOUSE TO ENSURE NIMBLENESNESS AND RAPID TURN AROUND BECAUSE TIMING, RESPONSIVENESS, AND SPEED MATTER.

“Through proactive analysis, we discovered new process efficiencies, making it faster and easier for faculty and industry partners to hold discussions leading to tailored solutions.”

Jennifer Boyle-Lynch
CO-DIRECTOR
THE PREMIER SHOWCASE FOR NORTHEASTERN’S VIBRANT RESEARCH COMMUNITY. MEET THE MINDS, SEE THE RESEARCH, FEEL THE ENERGY. RISE, NORTHEASTERN’S RESEARCH, INNOVATION AND SCHOLARSHIP EXPO.
WHERE NORTHEASTERN INNOVATORS LEARN FROM EXPERTS ABOUT PROTECTING INTELLECTUAL PROPERTY, LAUNCHING STARTUPS, AND COMMERCIALIZING TECHNOLOGIES. EXPERTS LEARNING FROM EXPERTS.

October 2017 | Crafting Invincible Disclosures
BY PAIRING CORPORATE R&D NEEDS WITH NORTHEASTERN CAPABILITIES, PATHWAYS TO PARTNERSHIP EVENTS ARE AN INVITATION TO CREATE CUSTOMIZED SOLUTIONS.
GAPFUND360 HELPS NORTHEASTERN’S RESEARCHERS BRIDGE THE GAP BETWEEN PROMISING LAB RESULTS AND COMMERCIALLY Viable PROTOTYPES BY OFFERING GRANTS AND PROGRAMS DESIGNED TO CATALYZE STATE-OF-THE-ART TECHNOLOGIES.

$550,000 Total Awards for Launch | 5 x $50,000 Phase I Awards (2019) | 2 x $150,000 Phase II Awards (2020)
MEANINGFUL IMPACT RESULTS WHEN REAL-WORLD CHALLENGES ARE PAIRED WITH REAL-WORLD SOLUTIONS. BY CONNECTING GLOBAL COMPANIES AND ENTERPRISING STARTUPS TO NORTHEASTERN’S USE-INSPIRED INNOVATION, WE TAKE STEPS TOWARD TRANSFORMING THE WORLD.

“Finding ways to move technologies from Northeastern labs to the market is the most exciting part of my job. Every day I see new discoveries made by our researchers which can solve the needs of industry and address critical world problems. Our goal is to help bring these innovations to light, for the benefit of all.”

Mark Saulich
SENIOR COMMERCIALIZATION MANAGER
UNIVERSITY SPIN OUTS
100% INCREASE
SPINOUTS

Entrepreneurship permeates the culture of Northeastern. Researchers are driven to bring their innovations to market, and our portfolio of resources facilitates the realization of these ambitions.

ApreX Biotech | DeepCharge | Guardion | Imaginostics
RECENTLY AQUIRED CRI SPINOUT GOES GLOBAL WITH SHISEIDO

Giaran’s AI empowered virtual makeup accessory gives consumers an enhanced try-on experience that eliminates guesswork through its exact color-matching and customized recommendations.

“Raymond Fu and the Giaran team have created truly novel AI technologies for cosmetic applications, and we are thrilled to welcome them to the Shiseido family. … Giaran will provide Shiseido with immediate expertise and advanced technologies to further expand our digital capabilities, while also allowing for greater consumer intimacy through personalized offerings and enhanced user experiences. We share Giaran’s philosophy that digital is a mindset rather than a tool, and we look forward to bringing more disruptive innovation to reinvent the beauty industry business model.”

Marc Rey
PRESIDENT & CEO OF SHISEIDO AMERICAS
AGREEMENTS

INKING DEALS, A NOTEWORTHY ACHIEVEMENT: YET, OUR RELATIONAL PHILOSOPHY COMPELS US TOWARD SERIAL COLLABORATION AND LASTING COMMITMENTS.

“Our priority is partnerships built upon flexibility, speed, decisiveness, and mutual benefit, and I’m proud to say our reputation accurately reflects, and rewards, this approach.”

Andrew Curtin
CO-DIRECTOR
OPTIONS & LICENSES
WHERE INVENTION MEETS IMPACT

+86% INTER-INSTITUTIONAL AGREEMENTS
13 IIA'S FY 2018
$556,254 LICENSING REVENUE
108% INCREASE

$421,768 PATENT SAVINGS
21% INCREASE
FINANCING THE MISSION. CAPITALIZING THE VISION.

GROWTH DEMONSTRATES THE VALUE OF OUR METHODS, AND WE CONSISTENTLY ENDEAUVOUR TO PIONEER NEW PATHS.

“Creative thinking spurs new growth. By repurposing patent savings, we paved the way for GapFund360.”

Jennifer Boyle-Lynch
CO-DIRECTOR
OUR VISION

TO LEAD IN INNOVATION AND ENTREPRENEURSHIP BY DRAWING UPON OUR ENTERPRISING FABRIC, BEING EMPOWERED TO IMPLEMENT AN AMBITIOUS, NOVEL, TRANSPARENT, AND CONSISTENT APPROACH TO INTELLECTUAL PROPERTY PROTECTION AND THE ACCELERATION AND COMMERCIALIZATION OF NORTHEASTERN INNOVATION FOR LOCAL AND GLOBAL SOCIETAL IMPACT.