

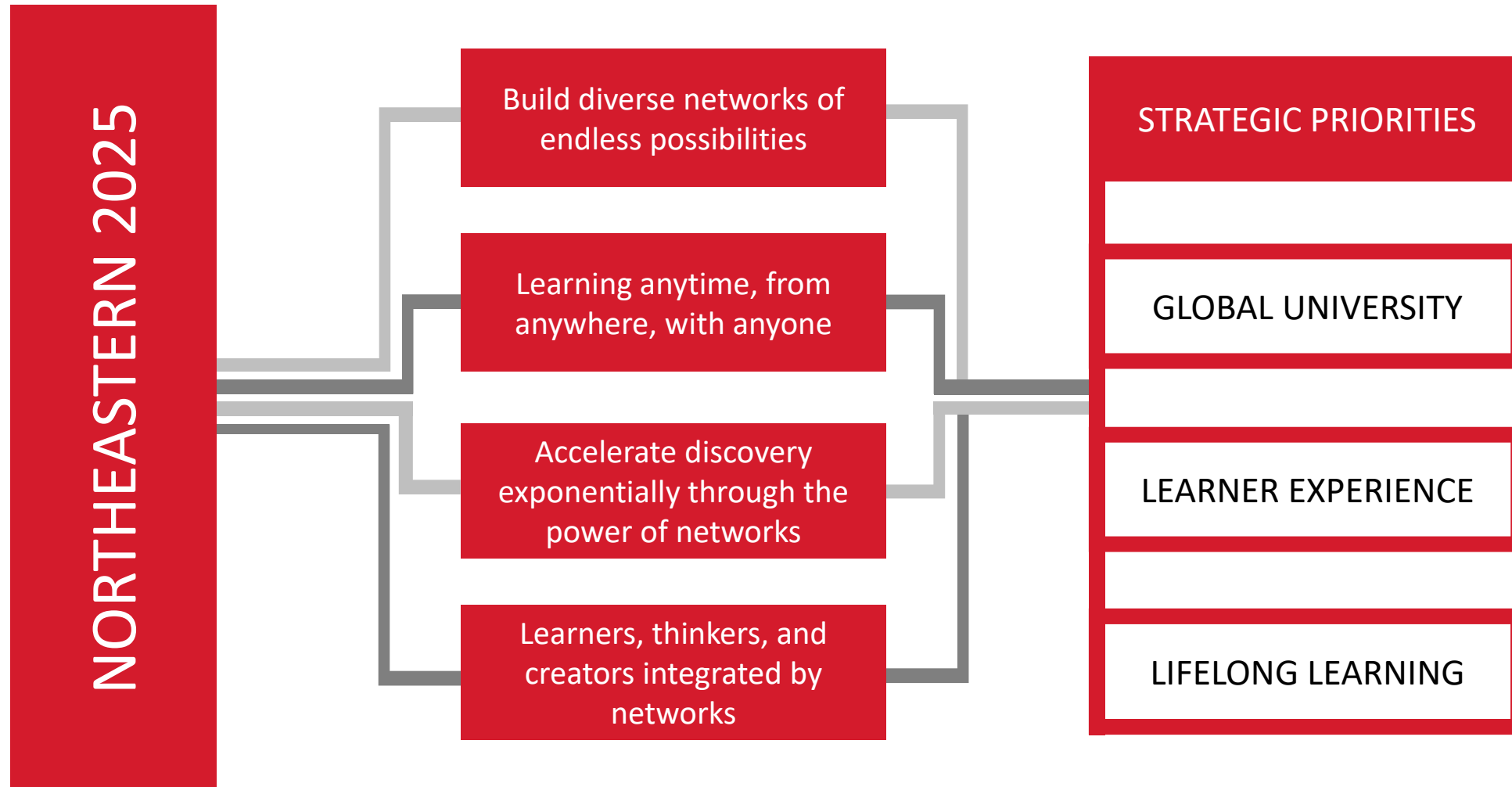
University Update

October 21, 2020

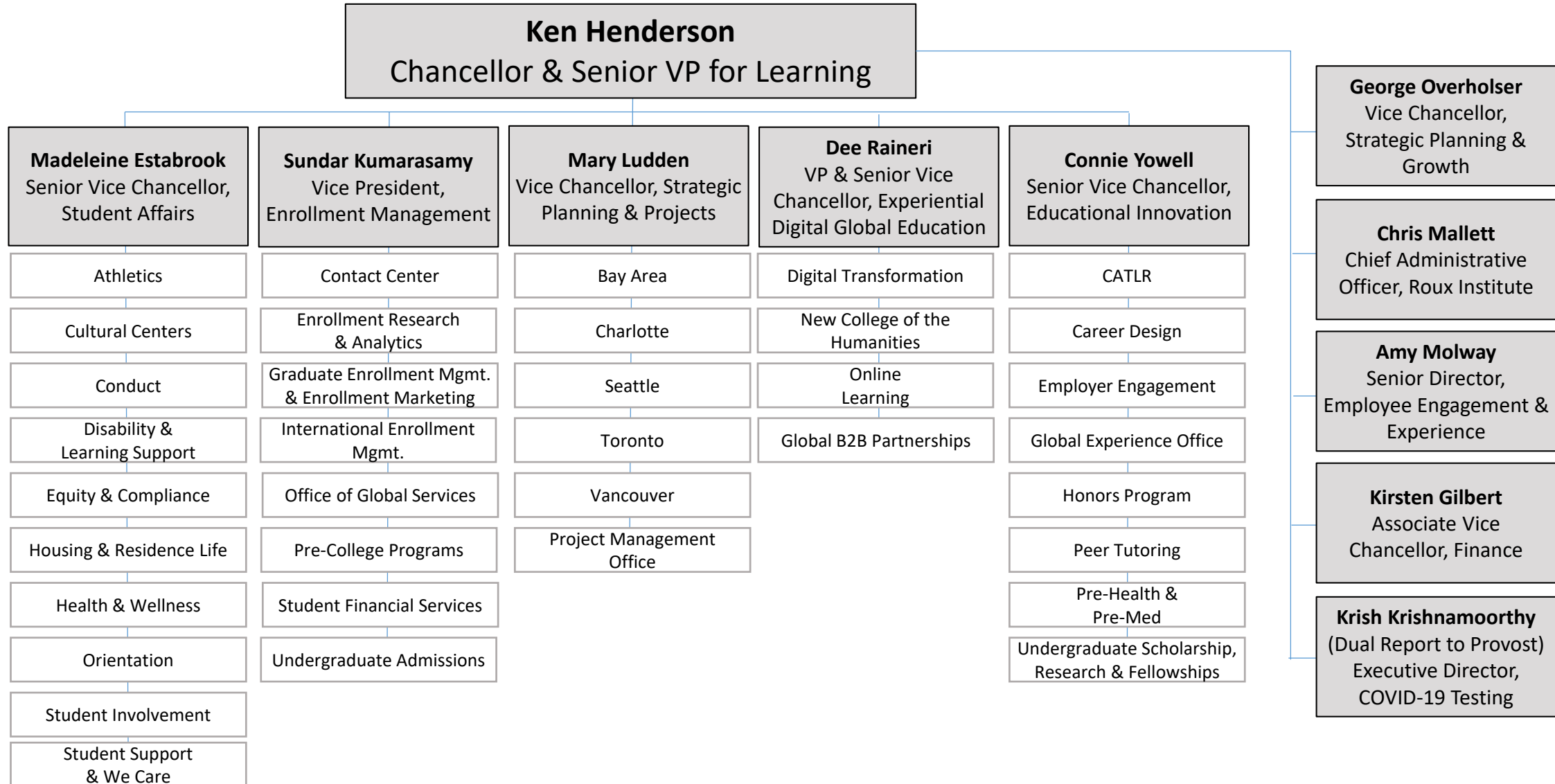
NORTH-EASTERN •

Strategic Priorities

OFFICE OF THE CHANCELLOR



Office of the Chancellor



New Appointments

OFFICE OF THE CHANCELLOR



Bob Jose

Dean of Cultural & Spiritual Life, Senior Advisor for Diversity & Inclusion



Kirsten Gilbert

Associate Vice Chancellor for Finance



Connie Yowell

Senior Vice Chancellor for Educational Innovation



George Overholser

Vice Chancellor for Strategic Planning & Growth



Krish Krishnamoorthy

Executive Director, COVID-19 Testing (Reports to Provost & Chancellor)



New Appointments

OFFICE OF THE PROVOST



Hazel Sive
Dean of the
College of
Science



Robin Cyr
Vice Provost for
Research
Administration



Kim Holloway
Vice Provost for
Research
Development



Usama Fayyad
Executive Director
for the Institute of
Experiential
Artificial Intelligence



Eyal Geffen
Spark Fund Director



Current Reviews and Searches

3-Year Review

James Hackney, Dean
of School of Law

On-Going Search

Dean, College of
Engineering



Strategic Planning – Beyond 2025

- Launched during leadership retreat in August 2020
- Planning will expand on the vision of Northeastern 2025
 - Recreate higher education to meet the challenges of today
 - Leverage global collaboration to elevate discovery and learning
 - Increase mobility to enhance experiential learning



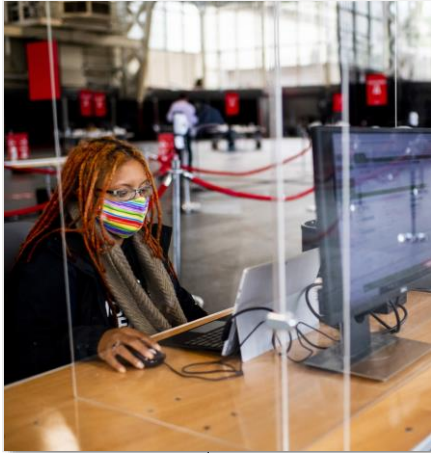
Diversity and Inclusion: Follow Up and

Progress

- Feedback collected from Northeastern and community members
- Twelve workstream groups with 60+ members proposed implementation ideas
- President's Council held two town halls and launched "Racial Literacy" for the fall
- NUPD Advisory Board launched, met and held a town hall



COVID-19 Testing Update



Current State

- Cabot, HTC and LSTC fully operational
- More than 236K students, faculty, staff and vendors tested as of 10/12
- Low positivity rate (0.05%) due to stricter compliance



Next Steps

- Double LSTC testing capacity to 13.5K tests/day
- Complete Emergency Use Authorization to gain efficiency
- Integrate new testing technology
- Develop global university and spring semester strategy



NU Start

Purpose: Differentiated NU pathway for global undergraduate remote learners

Current enrollment: 631

33 Asynchronous Courses

- 6 colleges (all undergraduate but COE)
- Faculty-developed with EDGE+contractor
- Selected from highest enrollment courses
- Built for Canvas, useable by other faculty

First Year Seminar/ Learning Communities

- Organized under 1 of 4 “meta-themes”
- Common learning goals
- Taught by Integration Coaches (IC)
- 40 student max per section

*Informed by and
integrated with
SAIL*



*Assessed by
CATLR and NU-
PEL*

Project Courses

- 18 topics, each placed under meta-theme
- Materials from research faculty
- Optional 4 SH elective course

Student Life and Network Interactions

- Clubs, affinity groups and spiritual life
- Career Design programming
- Virtual global scavenger hunt



NUFlex Components

- Student Hub platform
- Dynamic Class Schedule application
- 192 redesigned NUFlex classrooms & 74 mobile NUFlex Carts
- 300 instructional assistants
- Faculty development and support

The screenshot displays the NUFlex Student Hub interface. At the top, there is a search bar and navigation links for "acements", "Experiential Learning", and "Resources". The main content area is titled "My Day" and includes tabs for "Classes", "Billing", and "Advisors". The "Classes" tab is active, showing a weekly schedule for the week of 9/14 - 9/20. The schedule is presented in a grid format with days of the week (M, T, W, Th, F, S, Su) as columns and class sessions as rows. A legend at the bottom identifies session types: Class session, In-person, Other, Online, and Remote. A promotional banner at the bottom features the text "#PROTECTTHEPACKNU" and "PROTECT THE Schedule on the Bos".

	M	T	W	Th	F	S	Su	Preference
FINA 2201 Traditional	🏠		👤					👤 🏠
MGSC 2301 Traditional				👤				
ENTR 2301 Traditional	🏠		🏠					👤 🏠
SCHM 2301 COOP	🏠							
ARTF 1122 Online	🏠							

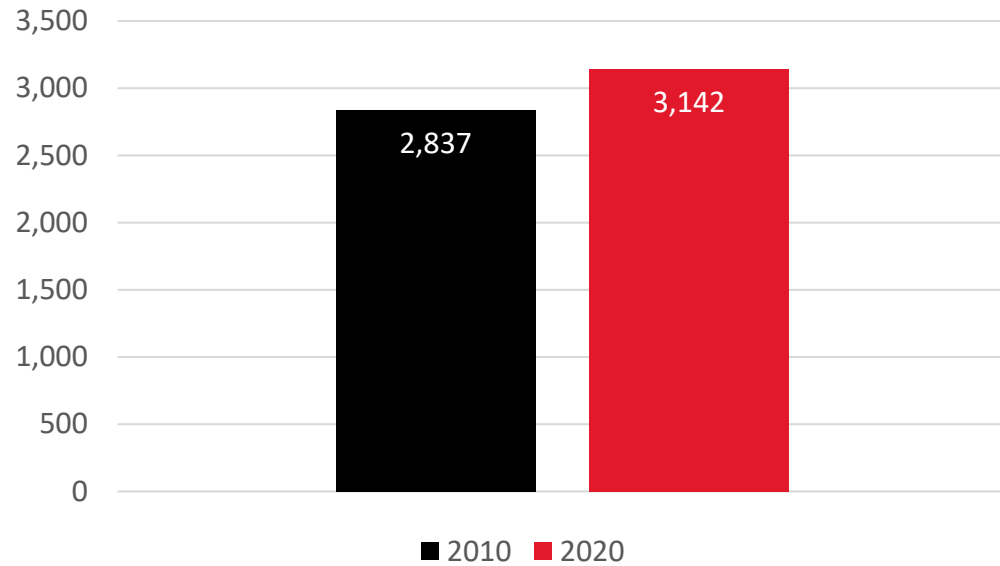
UNDERGRADUATE
EDUCATION

NORTHEASTERN .

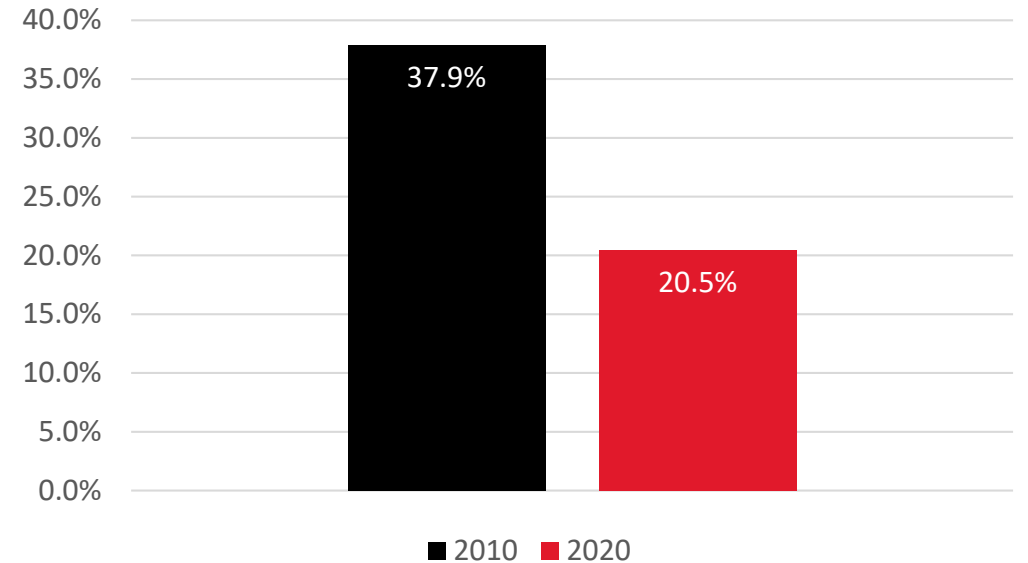
Undergraduate Metrics

2010 to 2020

Enrolling Students*



Admit Rate*

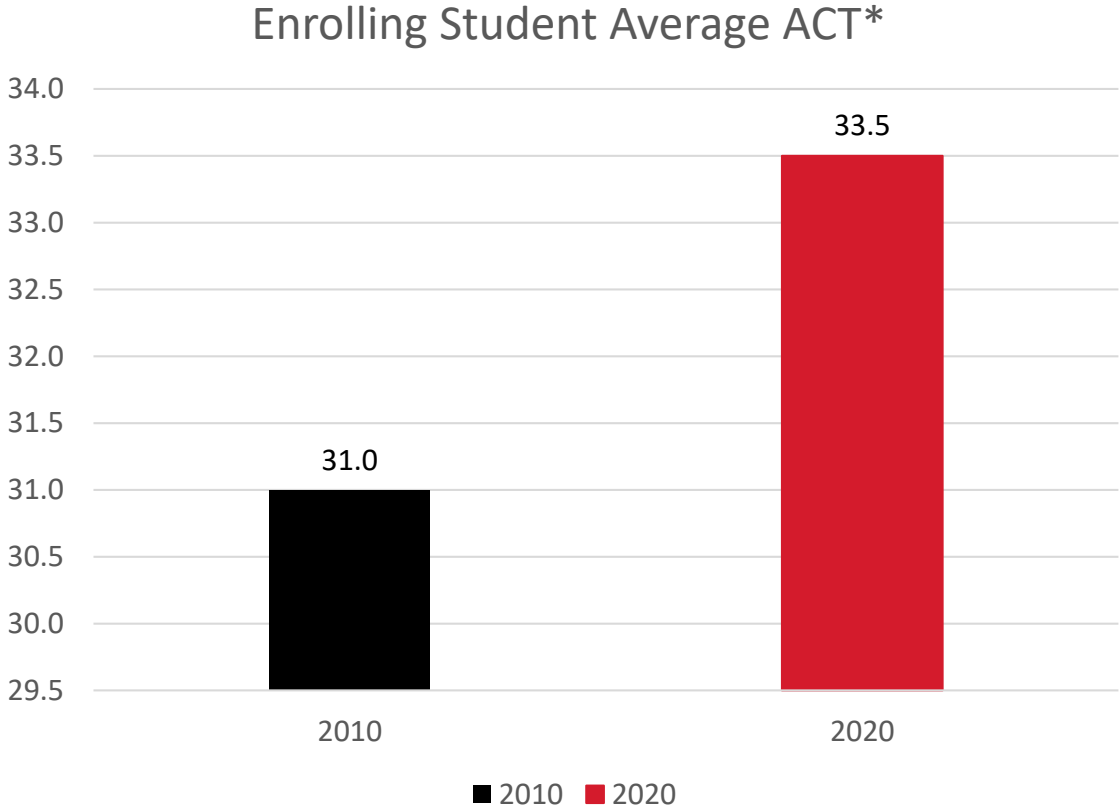
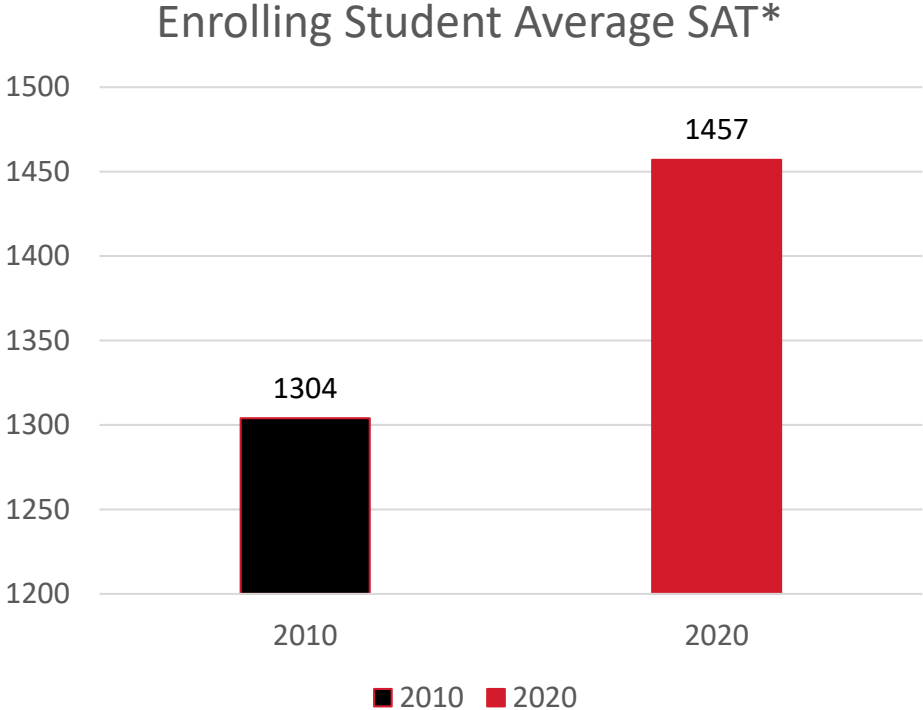


**Data for enrolled full-time, first-time fall freshman students*



2010 to 2020

Undergraduate Metrics



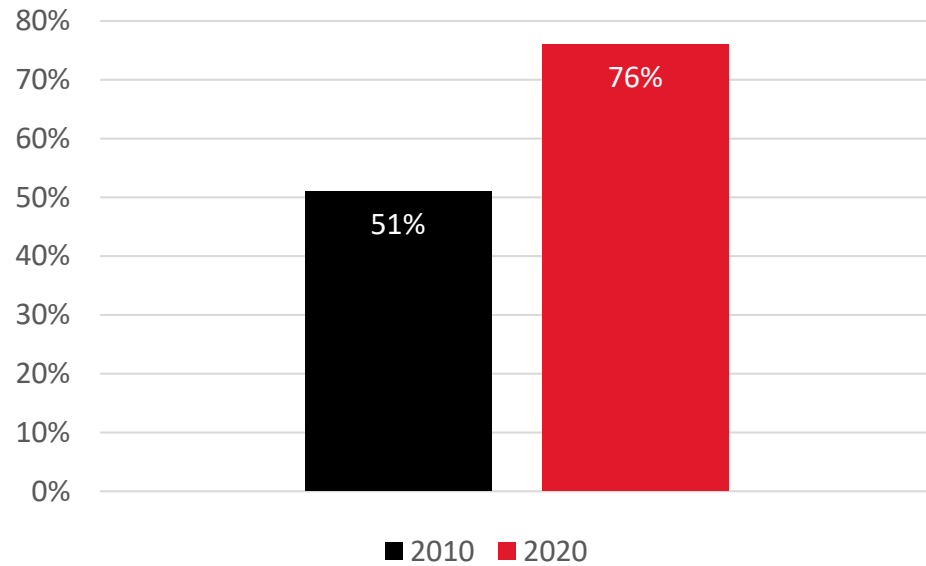
**Data for enrolled full-time, first-time fall freshman students*

Note: SAT was redesigned in 2017. Year prior to 2017 represent old SAT, 2017 and forward represent new SAT.

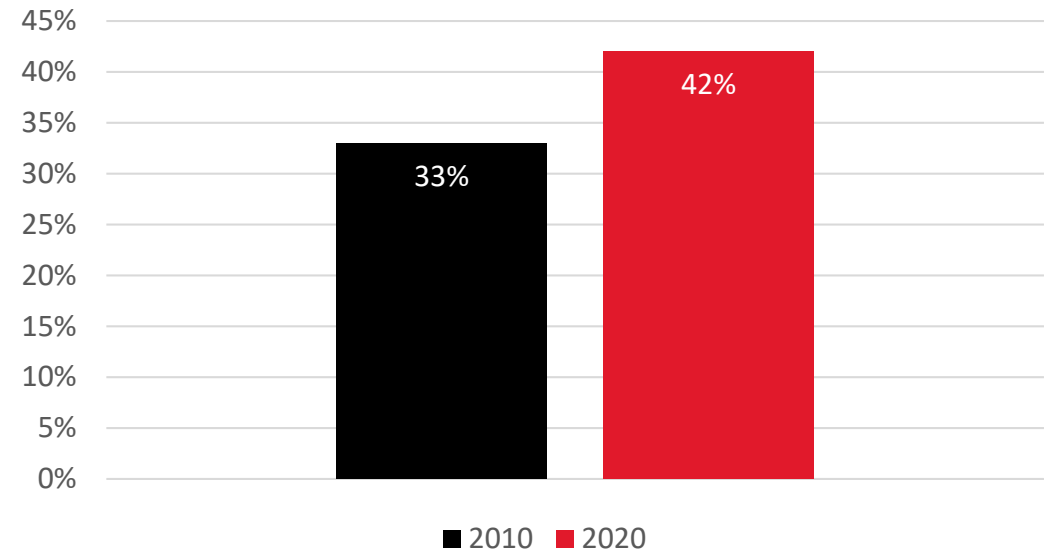
Undergraduate Metrics

2010 to 2020

Top 10% of HS Class*



Out of Region*



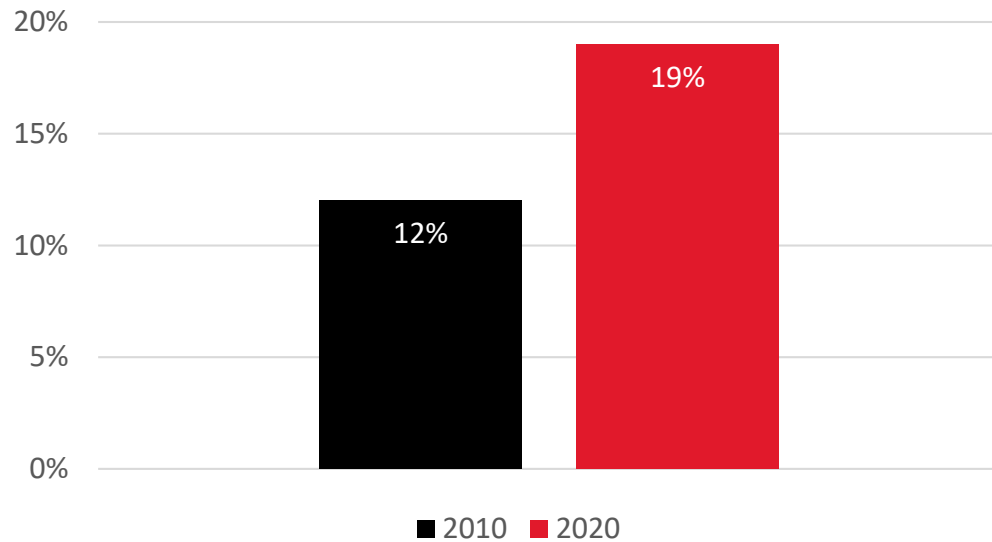
*Data for enrolled full-time, first-time fall freshman students



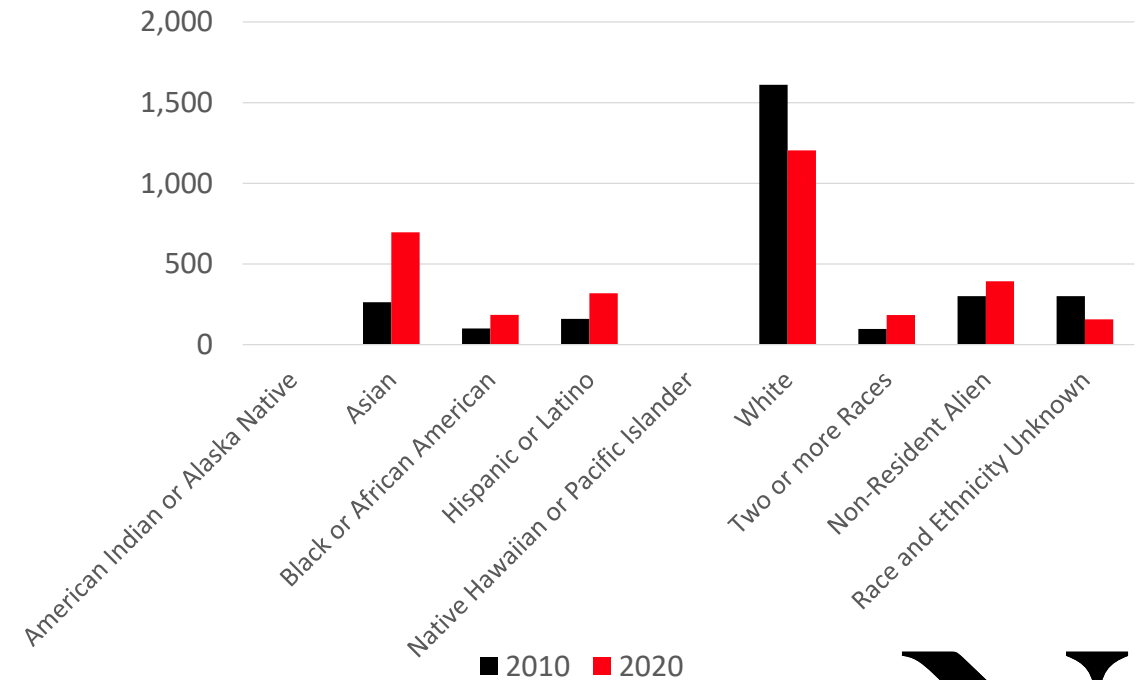
Undergraduate Metrics

2010 to 2020

Underrepresented Minorities*



IPEDS Race/Ethnicity*

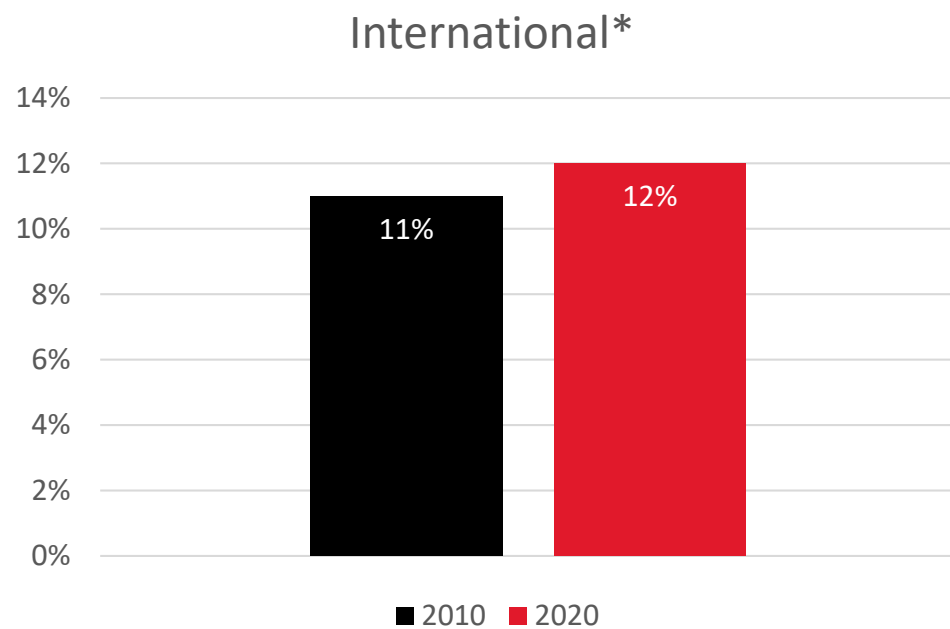


*Data for enrolled full-time, first-time fall freshman students
Note: URM is calculated for domestic students using IPEDS Race/Ethnicity data



Undergraduate Metrics

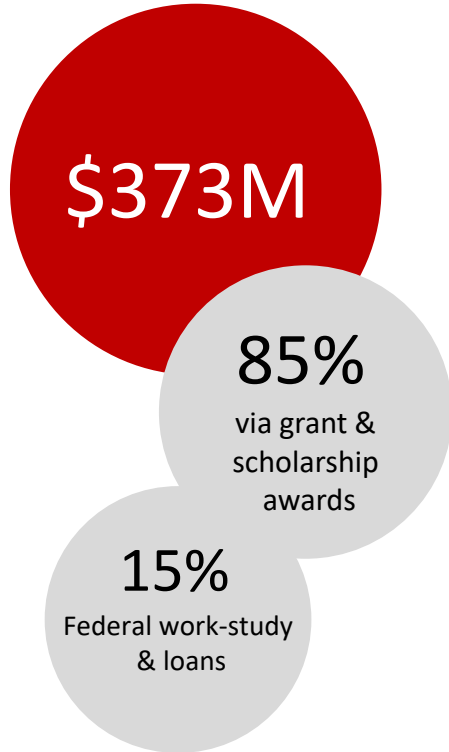
2010 to 2020



**Data for enrolled full-time, first-time fall freshman students*



Supporting Students

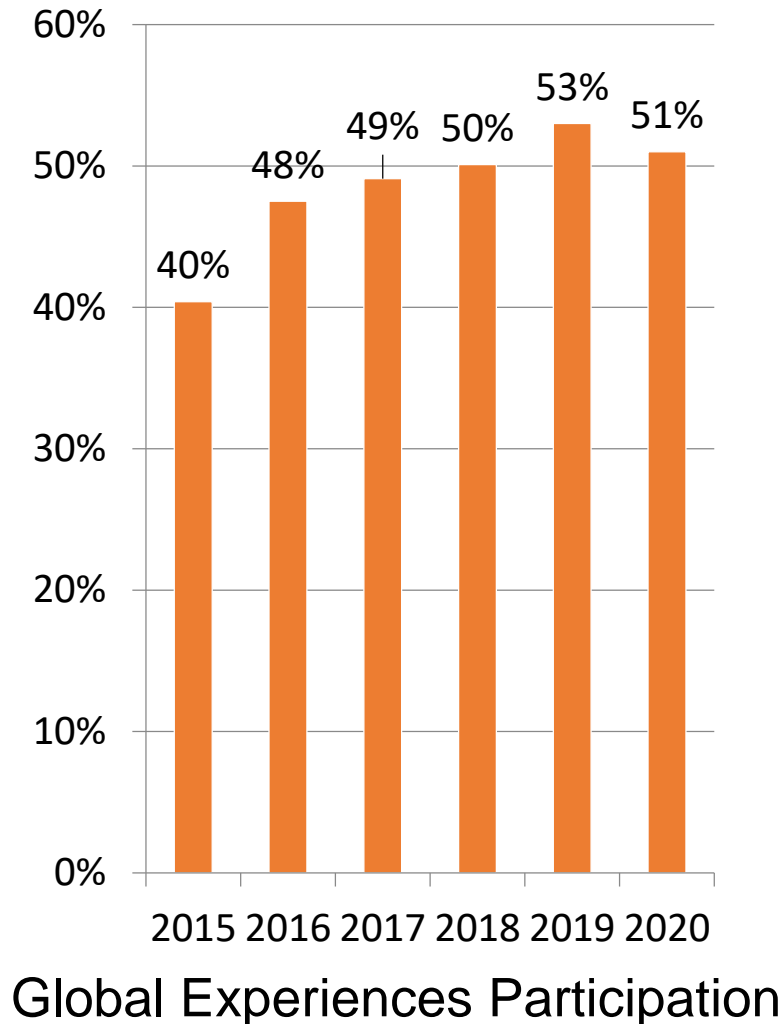
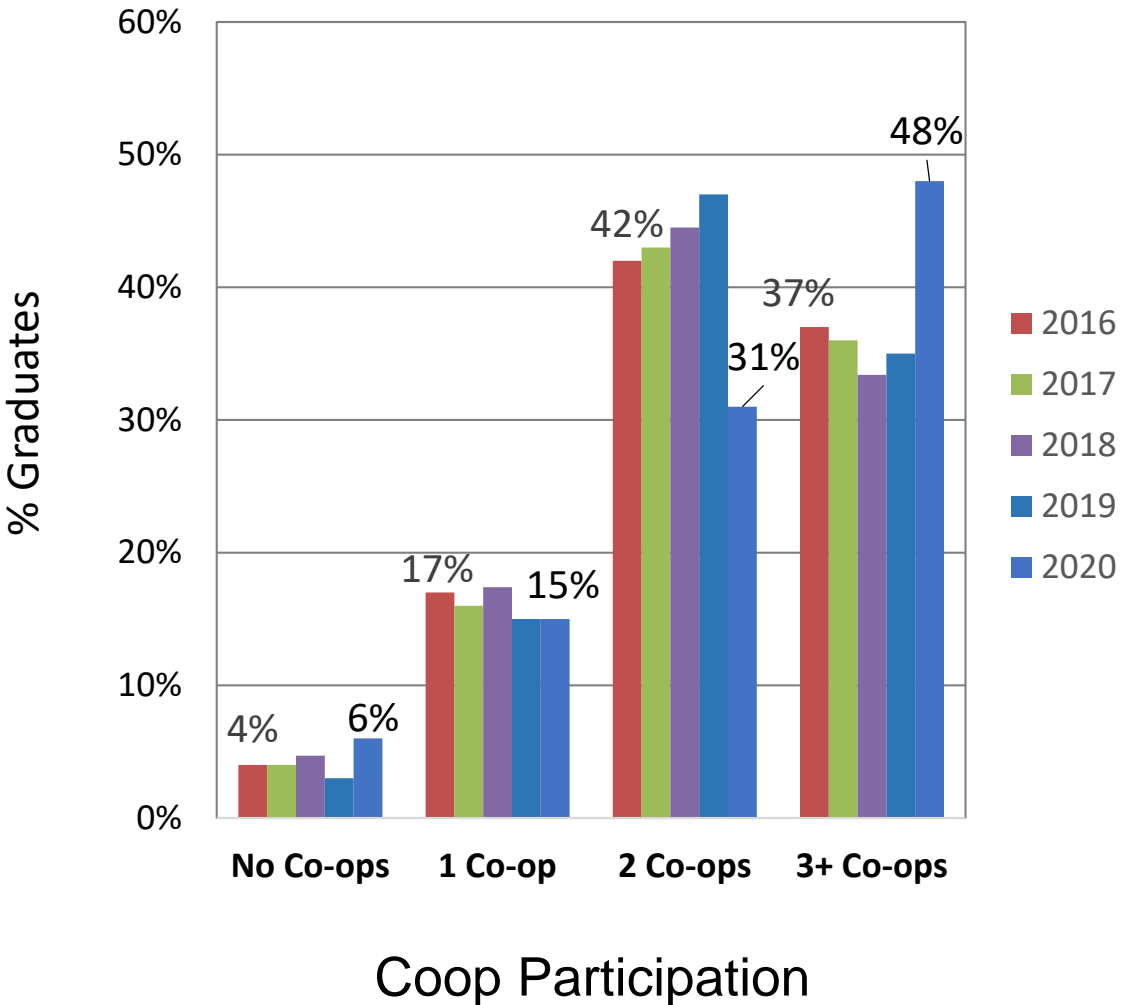


All incoming, federally-eligible, financial aid applicants receive 100% of demonstrated need, putting us among a select group of fewer than 80 institutions nationally.

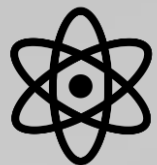
This aid combines with our Northeastern Promise, which guarantees grant funding for a recipient's full undergraduate program.



Student Engagement (by graduating class)



Expanding the Global Network



The Roux Institute



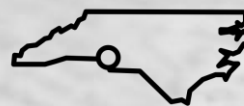
Toronto



Seattle



London



Charlotte



San Francisco
and Silicon
Valley



Vancouver



PHD AND
RESEARCH

NORTHEASTERN •

Graduate Education Portfolio

Graduate Degree Programs	# Programs	# Enrolled
Graduate Certificate *	172	425
Masters Level	206	12,794
Professional Doctorate	8	1,106
Doctor of Philosophy	34	1,574
TOTAL	420	15,899

Graduate Demographics

- 47% Domestic
- 21% Minority
- 50% Female

Enrollments

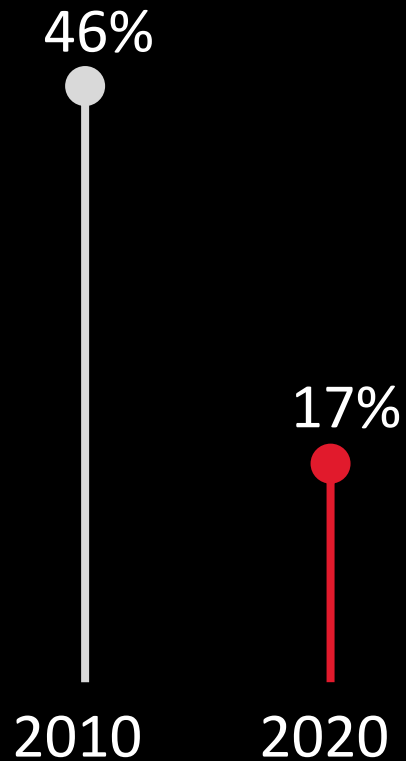
↑ 98% since 2010

** Includes 13 Certificates of Advanced Graduate Study (CAGS)
Fall 2020 enrollment portfolio*

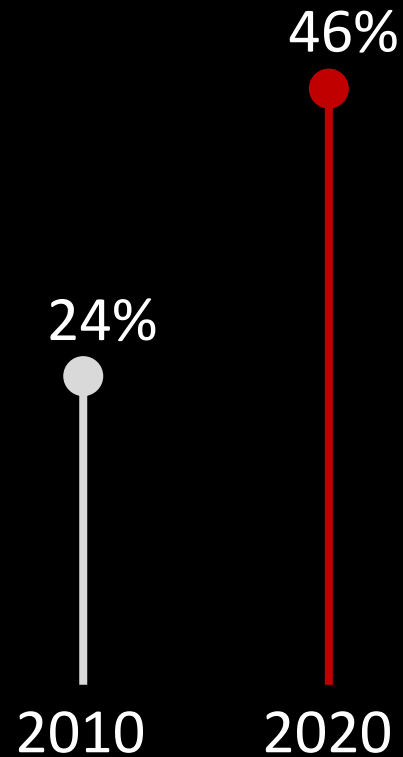


Deepening Quality in PhD Programs

Acceptance Rate
approaches
3x Selectivity



Yield Rate
approaches
2x Desirability

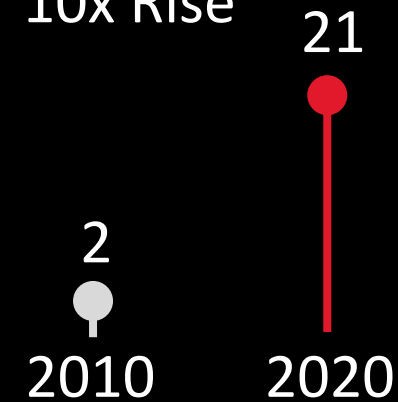


50

PhD students who received
external fellowships in 2020

NSF Graduate
Fellows

10x Rise



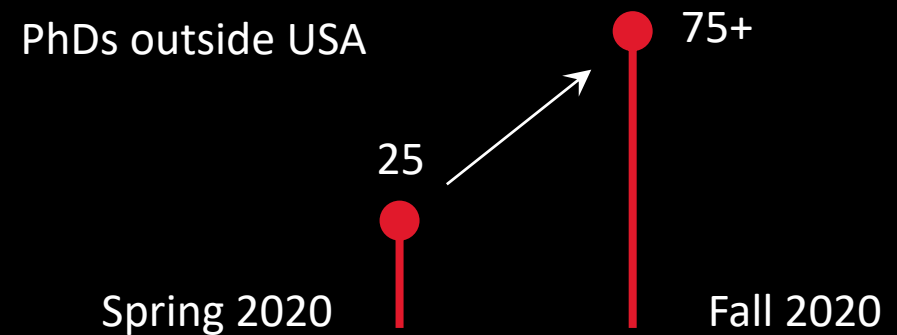
Progress to Northeastern 2025

Research Education Across our Growing Global Network

Experiential PhD

- 20 Institutional Engagements w/ Partners
- 4x Increase in 1 year
- 55+ participating PhD students & PostDocs
 - LEADERS – empowering researchers to lead from the middle
 - industry PhD – research education co-advised with industry partners
 - global dual PhD – co-advising PhD students through institutional partnerships

Global PhD Education



NEW to support resiliency:

- PhD Trainee Fellowship pilot to support PhD student education outside USA
- Global Dual PhD Degree Partnerships
 - University of Hong Kong (1 PhD student)
 - Sapienza University of Rome (3 PhD students)

Research Commercialization Benefits Everyone

- Enhance Northeastern's global reputation
- Solve societal problems
- Leverage local and global economic networks
- Attract, inspire, and celebrate stellar faculty and students—facilitating retention and further recruitment
- Generate income for labs and inventors
- Boost industry awareness needed to attract research funding

CRI - Research Commercialization Programs



IP Protection and Commercialization

\$1.2M sponsored research funding
\$342K royalties distributed
119 disclosures in 2020

Protecting IP: from ideation to patent
Connecting with industry: Licensing IP and sponsored research
Licensing IP to Northeastern spinouts



Research Venture Center

3 exits in 4 years
12 spinouts in 2020
37 ventures in pipeline

Inspire, train, discover, assess, and foster creation of new ventures from research – spanning all campuses



CRI Funding

GapFund360
- \$1M in 2 yrs
- 12 opportunities funded
- 5 spinouts to date

COMING SOON

Spark Fund will provide gap and pre-seed funding to accelerate early stage proof of concept development



Venture Hosting

Portland
Burlington
San Jose

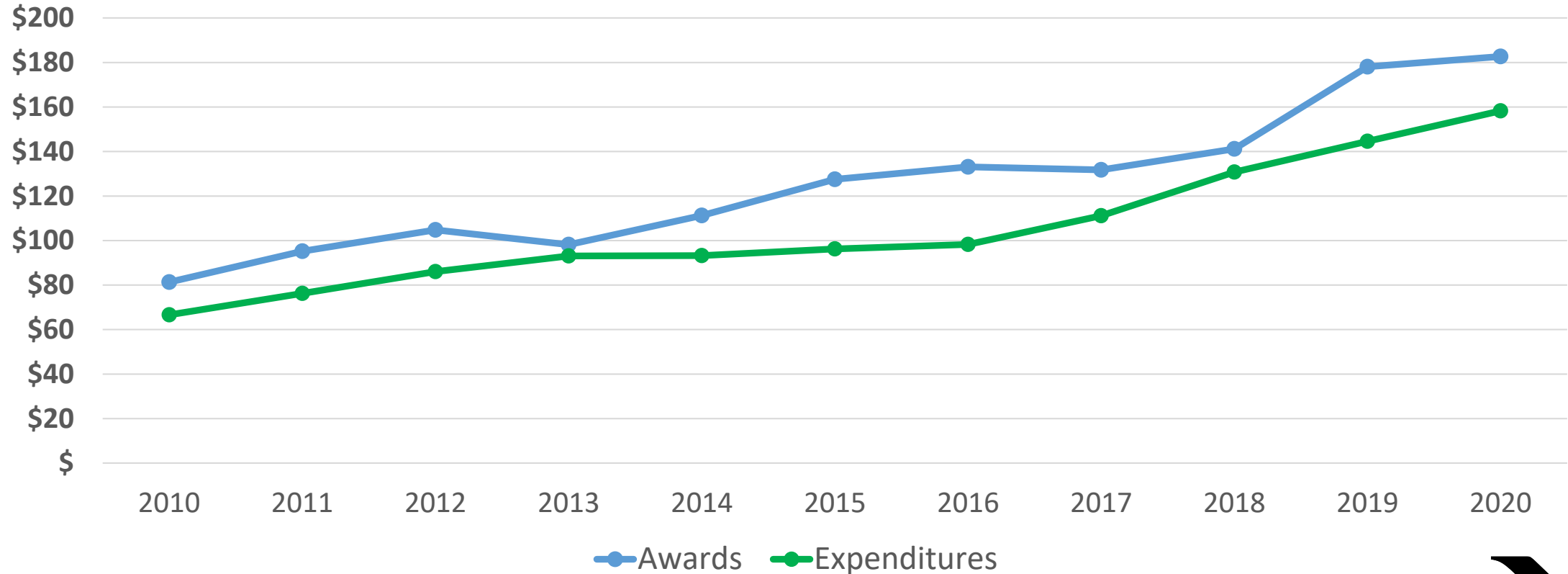
Identify key locations for stage dependent growth of businesses

Research: Award Growth

Research Awards & Expenditures

Northeastern University and KRI LLC

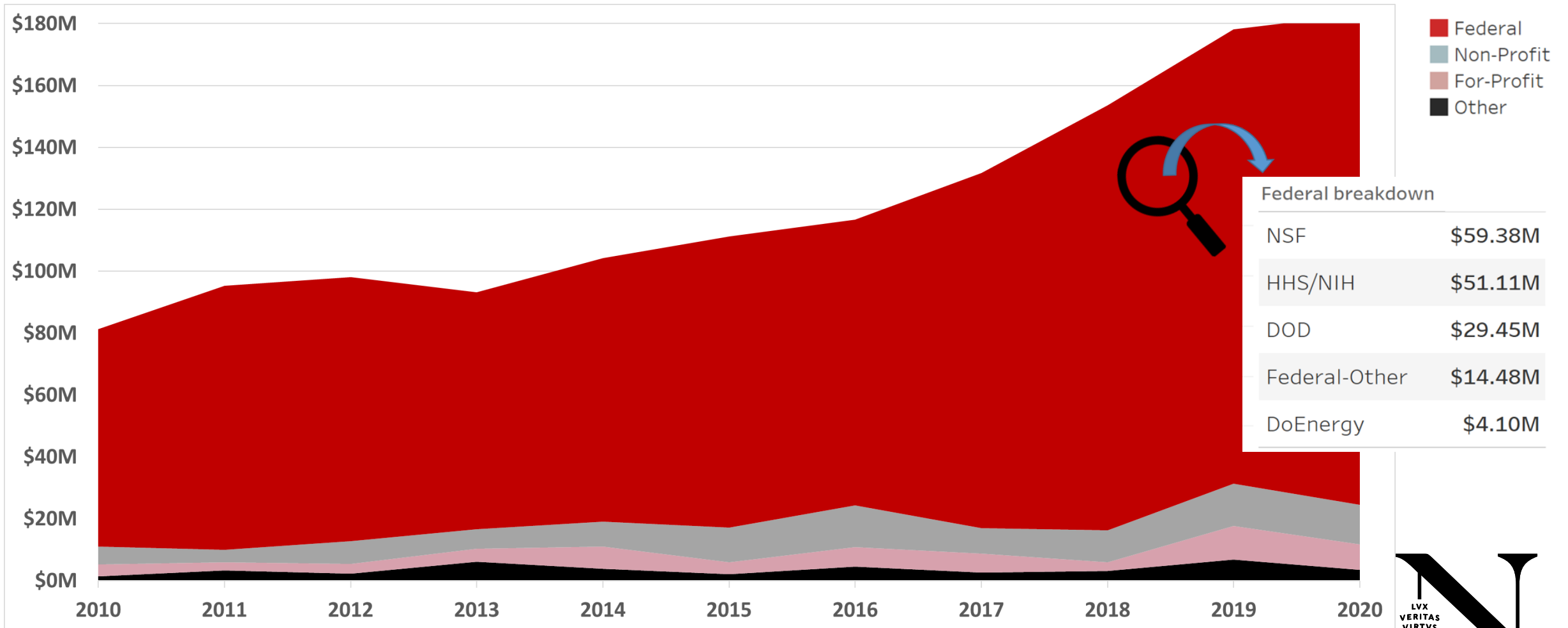
Millions



Source: University Warehouse, KRI LLC
Database, Source Limitations FY20 projection
(books close 9-30-2020), prior to FY17, new
award obligations reflect in-kind ORS funding.
Run date 2020-0812



Research: Awards by Funding Agency(\$millions) Northeastern University & KRI LLC



Source: University Warehouse
and KRI LLC database
Run date 2020-0813



FACULTY

NORTH EASTERN .

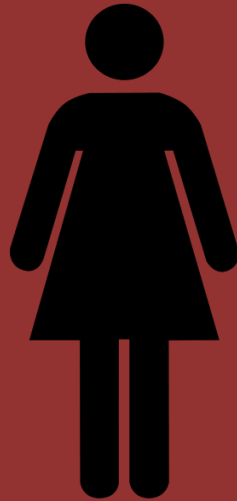
Faculty Profile – Fall 2020

**New
Faculty**

**45
T/TT**

**92
Full time
non-TT**

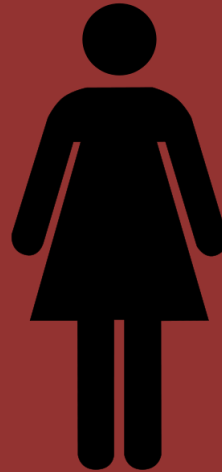
45%



**Women
faculty**

(all ranks)

35%



**Women
with tenure**

2009 2020
26% ▶ 35%

28%



**Women full
professors**

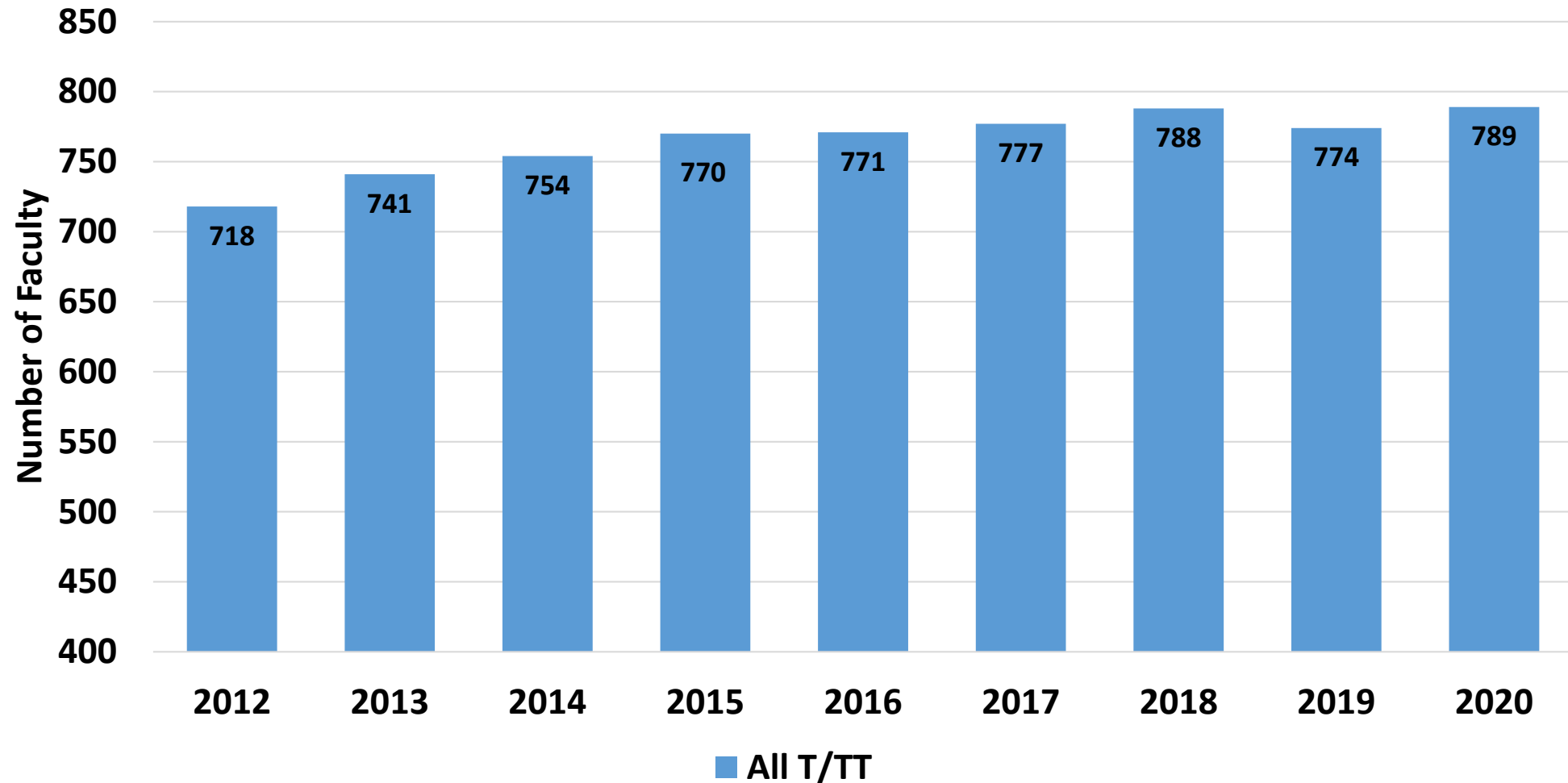
2009 2020
21% ▶ 28%

8.3%

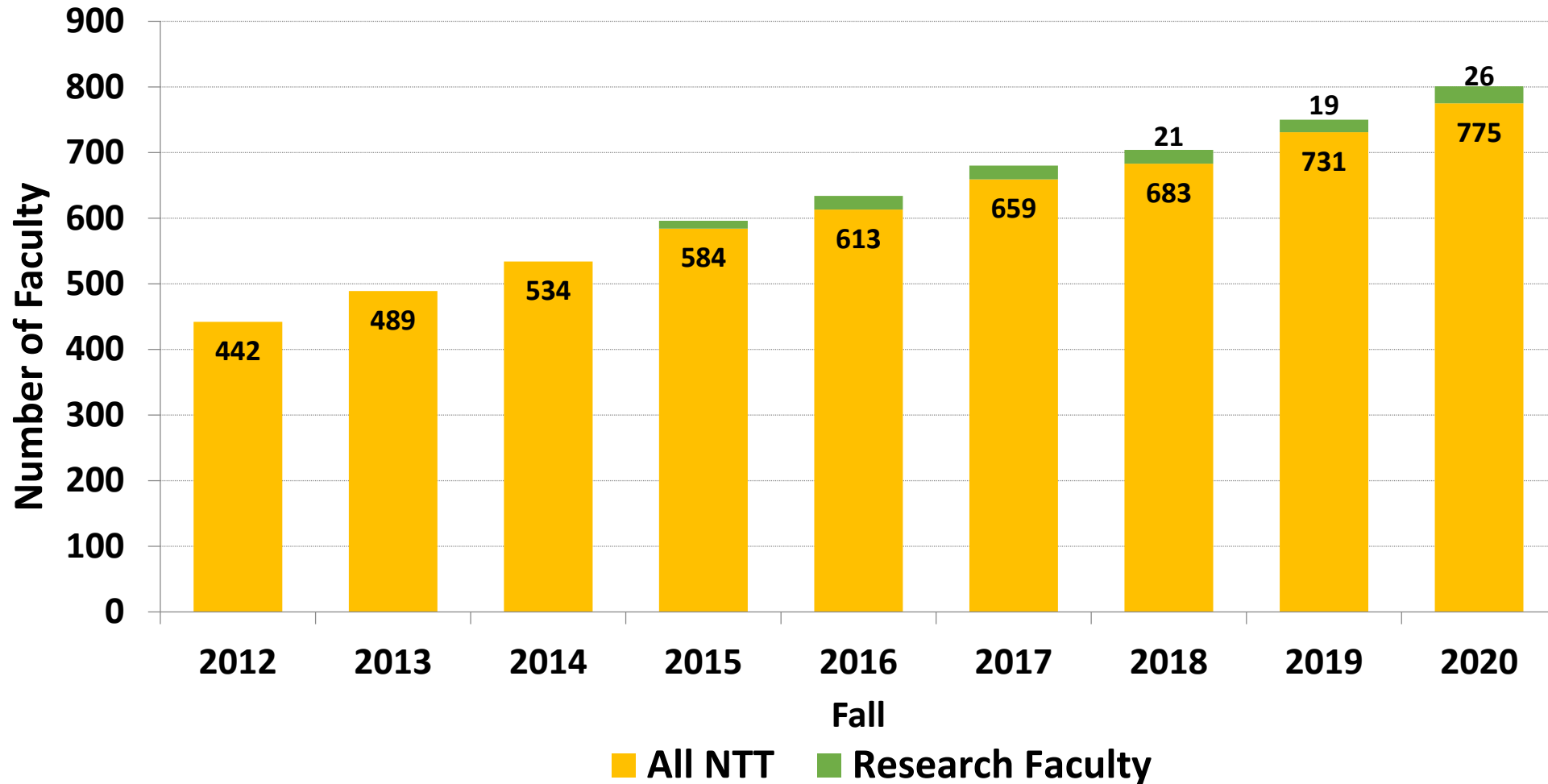


**Underrepresented
minority faculty**

Faculty: Full Time T&TT Faculty Growth



Faculty: Full Time NTT Faculty Growth



LVX
VERITAS
VIRTUS