

General Faculty Meeting

President Dennis Assanis

December 5, 2022



UD Continues to Deliver an Unparalleled Academic Experience

Enhancing academic offerings at all levels

Simulated patients, real learning

- Delaware State Board of Nursing approved the School of Nursing to count 1 hour of high-fidelity simulation for 2 hours of experiential clinical experiences
- Only 1 in 5 schools nationwide have similar designation

Cultivating global citizens

- Board of Trustees approved the World Scholars Program as a permanent course of study
- More than 250 students have completed the program

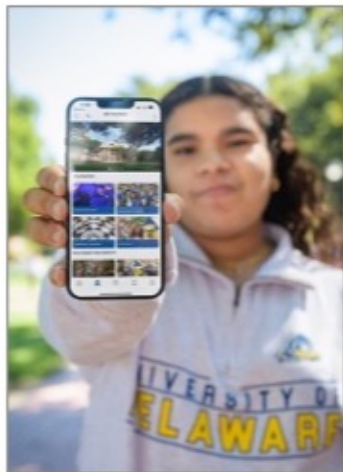
Defending cyberspace

- Electrical & Computer Engineering established a new bachelor's in Cybersecurity Engineering
- Streamlined path to a master's degree and 3+2 partnership with Delaware State University



Expanding and elevating the student experience

- *UD Connect* app
- Continuing to enhance campus safety measures
- Promoting mental health and wellbeing
- Building Blue Hen pride and enthusiasm through Athletics
- Launched the Career Access & Mobility Initiative
- Student Experience Master Plan



Celebrating a century of pioneering study abroad



Students find successes around the world

Three earn Fulbrights



**Prashant
Ramesh**

Fulbright-Universite
Paris-Saclay Doctoral
Research Award



**Jana Mae
Huss, '22**

English Teaching
Assistant Award to
Germany



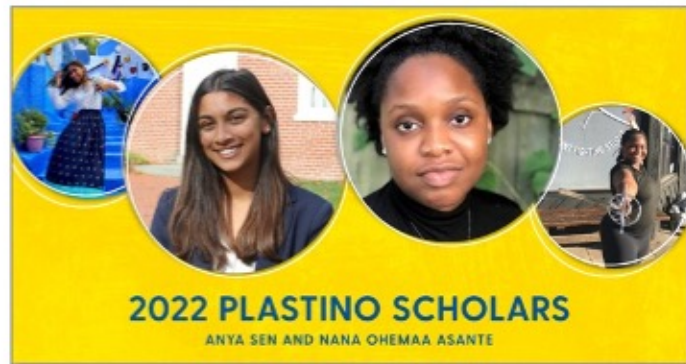
**Elaine
Ansah, '21**

English Teaching
Assistant Award to
Kenya



Kiara Cronin, '22

Critical Language
Scholarship to learn Swahili



Blue Hen student-athletes shine in competition



Field Hockey wins CAA Championship (9th time in 10 years)

Football competed in FCS Playoffs

Volleyball makes CAA Championship game



Impressive accomplishments in every college

CANR

Continuing to expand programs on climate, sustainability and One Health

CAS

Joe Fox's research cited in Nobel Prize for Chemistry

Lerner

Unveiling of the DEI Action Promise Wall in Lerner Hall

CEOE

Launch of the Blue Economy Tech Center in Lewes (Project ABLE)

CEHD

First cohort of doctoral students in Education & Social Policy (joint with Biden School)

COE

Continuing to create centers of excellence that strengthen research & impact

CHS

Launch of the Delaware Center for Cognitive Aging

Biden

SNF Ithaca Initiative engaged on campus and in Athens on policy issues

Honors

Class of 2026 is most diverse ever, with 32% students of color

Graduate

Creation of faculty mentoring program to benefit faculty, students and research



**RESEARCH
CENTERS**



PART OF UD'S \$221M RESEARCH EXPENDITURES (FY22)

\$16.5M NSF

**DRC CHEER: Coastal Hazards, Equity,
Economic Prosperity & Resilience Hub**
LEAD PI: Rachel Davidson 11 Partners

NEW: Delaware Center for Cognitive Aging
CO-PIs: Christopher Martens & Matthew Cohen

**\$750K NIH
\$625K DONORS**

TiDe: Diversifying Rehabilitation Science Program
LEAD PI: Gregory Hicks 2 Partners

Delaware Estuary / Coastal Protection
LEAD PI: Jack Puleo

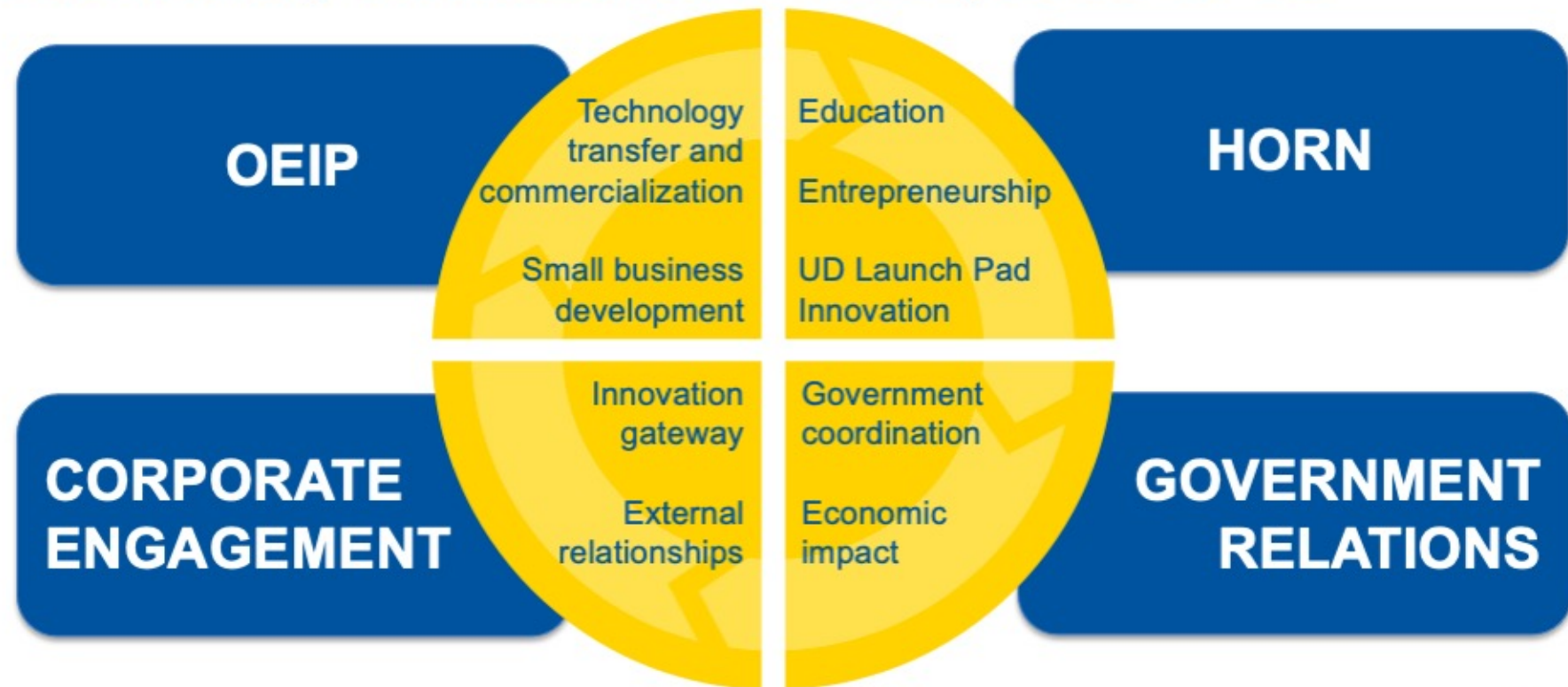
\$10M DoD

The Center for Clean Hydrogen
LEAD PI: Yushan Yan Chemours, NREL, Plug Power

\$10M DoD



Cultivating an innovation ecosystem at UD



The University of Delaware
is proud to be an economic
engine in Delaware, fueling a

\$3.2 BILLION IMPACT

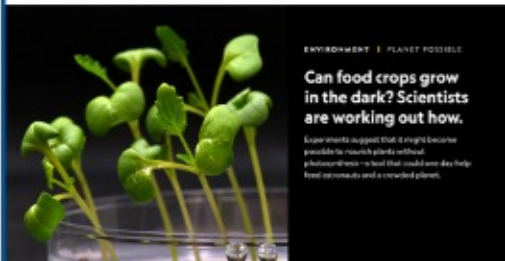
that supports more than

26,000 JOBS.

Learn more at udel.edu/delawareimpact



UD expertise earns high-profile media coverage



Feng Jiao, COE

AP

School districts move to ease teacher stress, burnout

By MICHAEL LEE



Leigh McLean, CEHD



NEWS

COVID-19 pandemic aid more than \$300 billion short for dealing with student learning loss, study shows



Published 12:01 a.m. ET Oct. 11, 2022 | Updated 10:31 a.m. ET Oct. 11, 2022

Kenneth Shores, CEHD

The Washington Post

Democracy Dies in Darkness

Meet the multimillion-dollar building deliberately built to drown

By Alex Williamson

Updated October 12, 2022 at 3:00 a.m. EDT | Published October 12, 2022 at 1:00 a.m. EDT



A.R. Siders, Biden School

The Philadelphia Inquirer

Cashing in savings. Reworking budgets. Phillies fans say NLCS tickets are worth it.

"It's a rare-enough thing that I'm willing to go all in on this," said one fan who spent more than \$300 for a single standing-room-only ticket for Sunday's game.

Matt Robinson, Lerner College

VICE

Scientists Discover Arctic Waters Are Rapidly Becoming Acidic in Dire Climate Warning

The western Arctic Ocean's high rate of acidification magnifies the impact of carbon dioxide on all of our oceans, which will likely face a similar fate.

By Chris Korte

September 26, 2022, 2:00pm | 1 Share | 1 Tweet | 1 Like

Wei-Jun Cai, CEOE

Alison and Mangone recipients honored

Francis Alison Award



Thomas Buchanan

*Biomedical Engineering and
Mechanical Engineering*

Gerard Mangone Award



Josh Neunuebel

Psychological & Brain Sciences



Juan Perilla

Chemistry & Biochemistry

Faculty and staff recognized for achievements



**Tsu-Wei
Chou**

Honorary
Member of
American
Society of
Mechanical
Engineers



**Amo
Tong**

NSF CAREER
Award for
computer
science
research



**Wendy
Smith &
Yushan
Yan**

Named to list of Highly Cited Researchers,
ranking in top 1% worldwide



**Trevor
Dawes**

President-
Elect,
Association of
Research
Libraries 2023



**Heather
Kelly**

Commissioner,
Middle States
Commission on
Higher
Education



Jennifer Joe

Named to 2 advisory
groups with Public
Company Accounting
Oversight Board

Rankings put UD among the best in the nation



Delaware Gov. John Carney visits UD to highlight Chemical Engineering's ranking as #2 in U.S., tied with Georgia Institute of Technology.

U.S. News & World Report

#89 overall in the nation, up four places from last year

- #38 among public institutions

Undergraduate programs in the top quarter or better:

- Engineering — #54 / 212 (programs with doctorate as highest degree)
- Business — #86 / 516
- Computer science — #86 / 537
- Nursing — #93 / 681

Also recognized among "Best Colleges for Veterans" and "Best Value Schools"

#33 best undergraduate entrepreneurship programs nationally, up from #38 last year

- #4 in the Mid-Atlantic region

The Princeton Review

New leadership brings new opportunities



**William
Farquhar**

New Dean of
College of Health
Sciences



**Amy Ellen
Schwartz**

New Dean of
Biden School

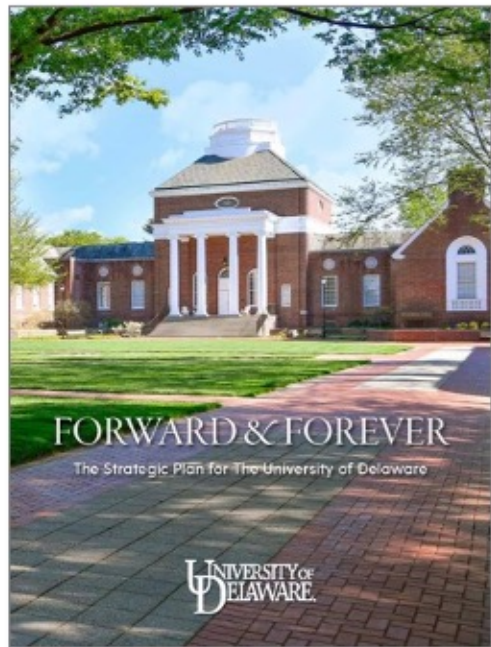
Searches underway for:

- Dean of Lerner College
- Vice President of Research, Innovation and Scholarship
- Vice President of Information Technology
- Vice President of Finance and Accounting
- Academic Director, Office of Sustainability
- Operations Director, Office of Sustainability

A faded background image of a large, classical-style brick building with a triangular pediment and arched windows. A black lamppost with a glowing yellow light is on the right. Yellow autumn leaves are in the top left corner.

Putting the Strategic Plan Into Action

Comprehensive planning for strategic growth

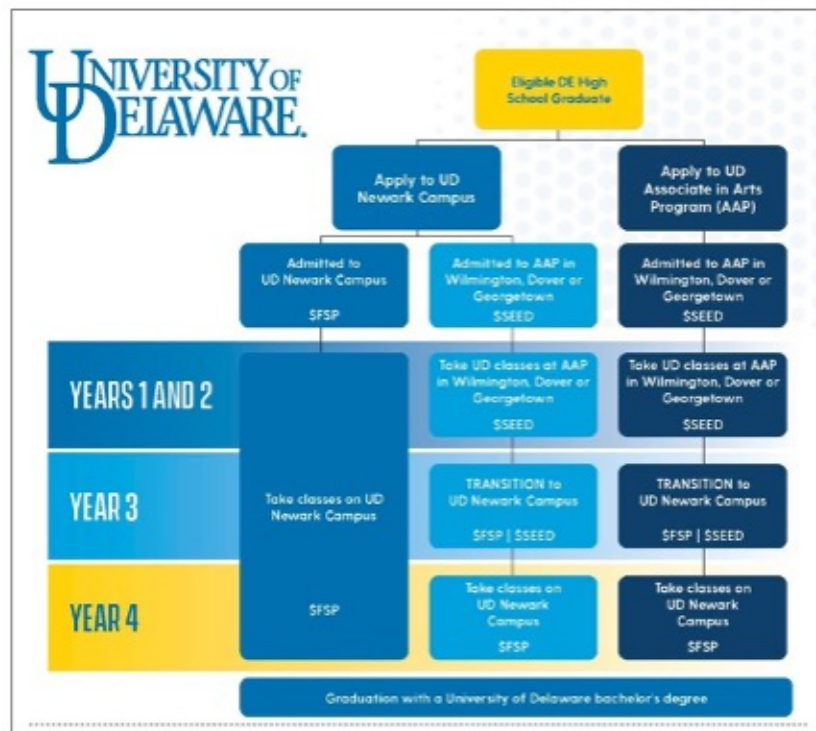


- **Enrollment plan** at the undergraduate and graduate levels
- **Faculty and staffing plan** that supports our goals, mitigates risk, attracts and retains high-performing people and aligns with needs and resources
- **Diversity, equity and inclusion plan** that dovetails and aligns with the University strategic plan
- **Comprehensive capital plan** to guide construction, maintenance and technology needs
- **Financial plan**, including operating and capital budgets

Identifying and creating the ideal enrollment mix



Providing degree pathways for Delawareans



- **FSP** (First State Promise) aims to cover full tuition for Delawareans with family incomes below \$75,000
- **SEED** (Student Excellence Equals Degree) is the state scholarship for Delawareans

Promoting AAP and SEED funding in Delaware

Targeted emails



Billboards statewide



Social media



Key message:

AAP is ...

- Free
- Flexible
- First-rate

Digital ads



Sponsored articles

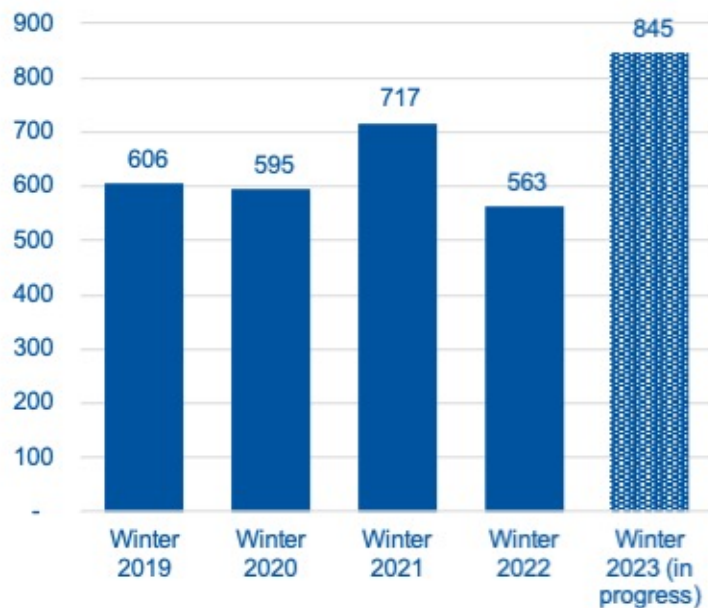


Radio ads
(Engl. & Sp.)

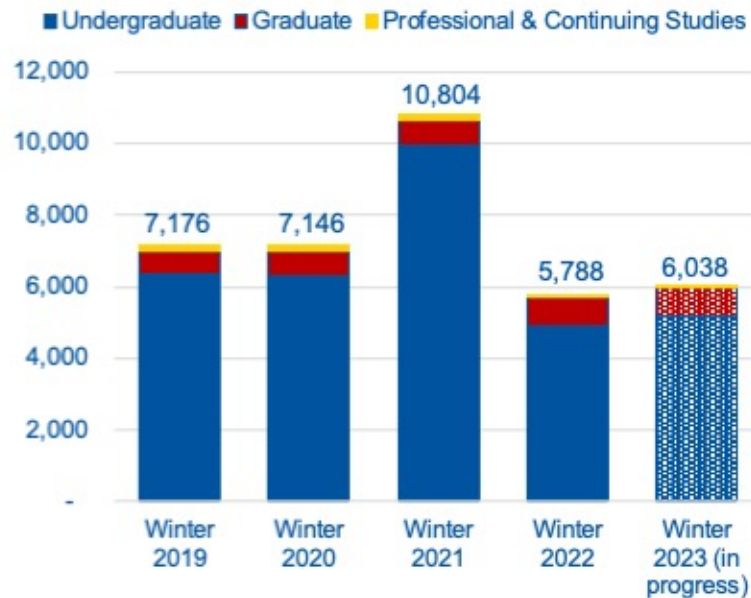


Growing Winter Session to aid student success

Course sections offered

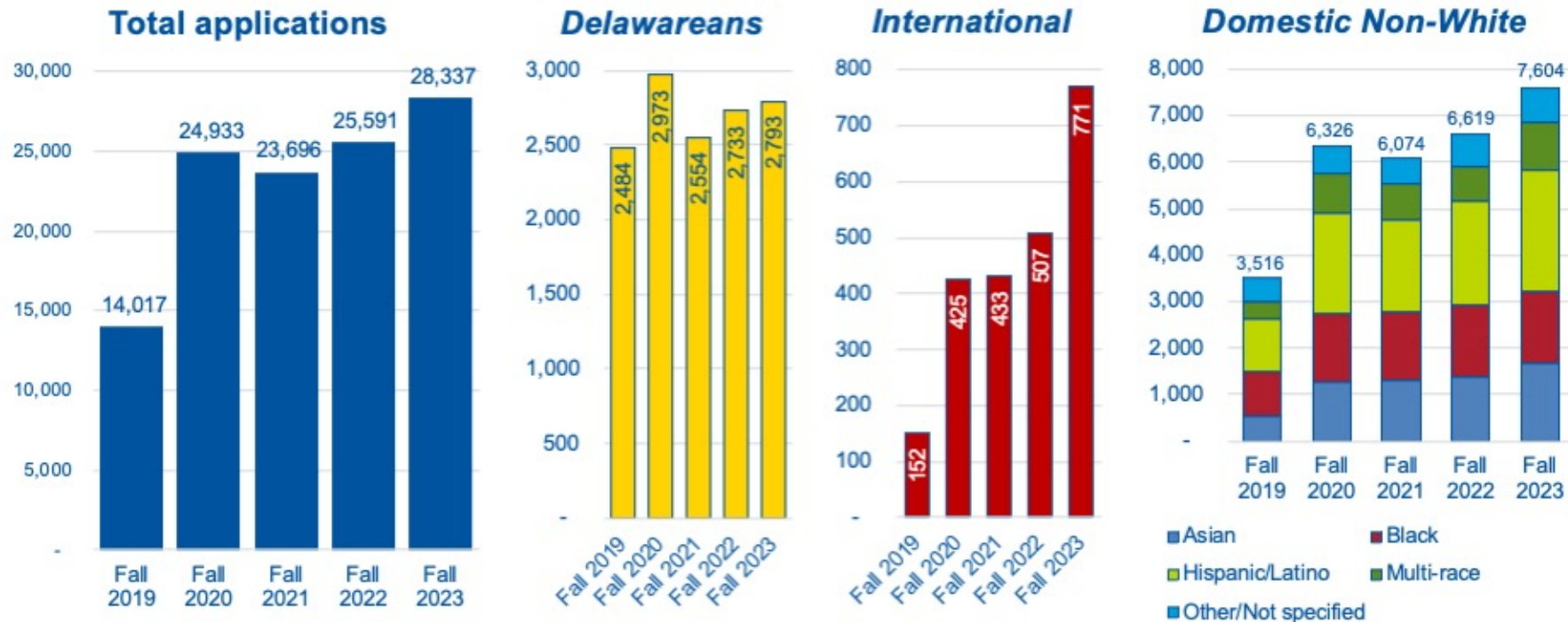


Students enrolled



(All data as of Dec. 2)

Undergraduate applications continue record pace



(All data as of Dec. 2)

Continuing to develop the Graduate College



At the Grad Voices Night, students described their UD graduate student life experience, creating a word cloud with the answers.

Applications



Supporting graduate students

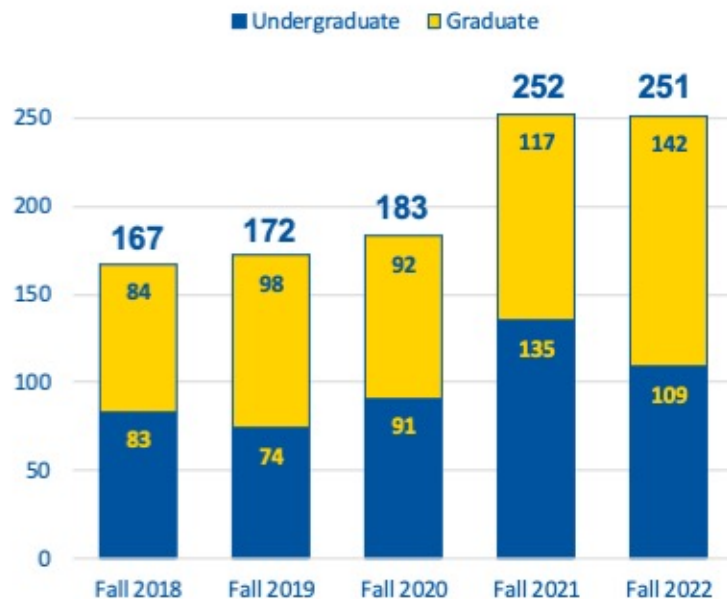
- Creation of a faculty mentor training program
 - Trained 1st cohort this fall; workshops planned for winter and spring
- Accelerate to Industry program
 - Half of doctoral students will enter non-academic careers
 - Provides the “hidden curriculum” to prepare them for career success
- Breaking Barriers
 - Launched this fall to strengthen diversity and inclusion
 - Supports faculty building relationships and attracting students from diverse communities

Growth in 4+1 programs expands opportunity



Since 2018, the number of 4+1 programs has doubled (from 60 to 124), and programs have been added in public policy, secondary education, biomedical engineering, apparel studies and more.

Enrollment in 4+1 programs



Planning for an outstanding student experience



President's Student Advisory Council formed this fall to provide perspective and feedback on student life topics.

Emerging themes

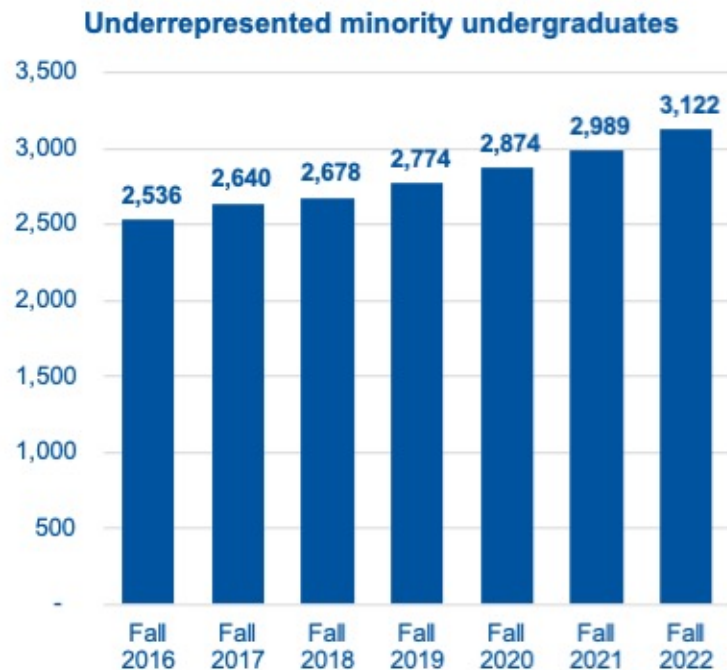
- Broad commitment to student success among faculty and staff
- Strong sense of UD pride among students and families
- Evolving needs for facility adjacencies, functions and quality
- Student experience varies widely
- Unmet housing needs (on and off campus)





Advancing Diversity, Equity and Inclusion

Building a more diverse undergraduate cohort



(Domestic underrepresented minority = Black, Hispanic, Native American, Hawaiian/Pacific Islander)

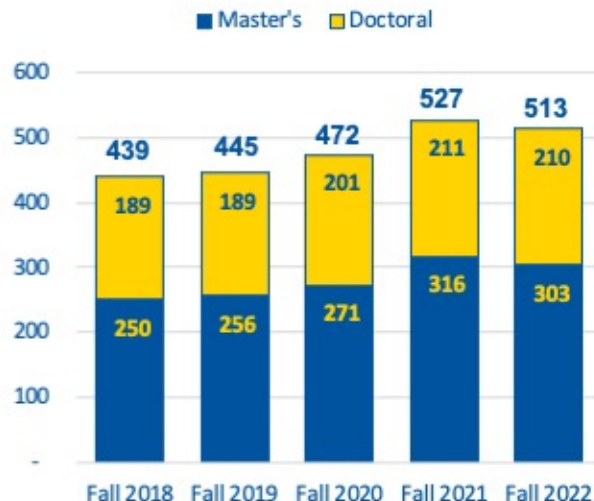


Strengthening diversity among graduate students



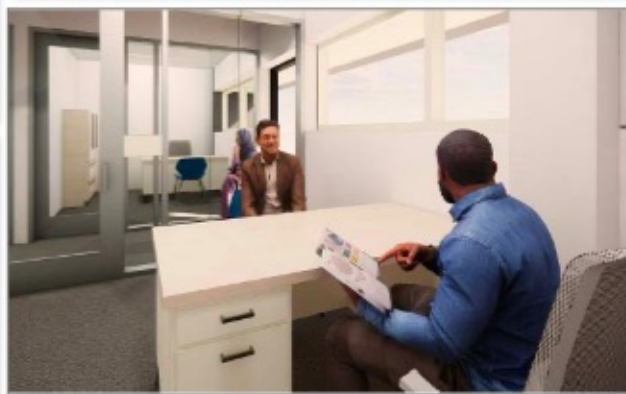
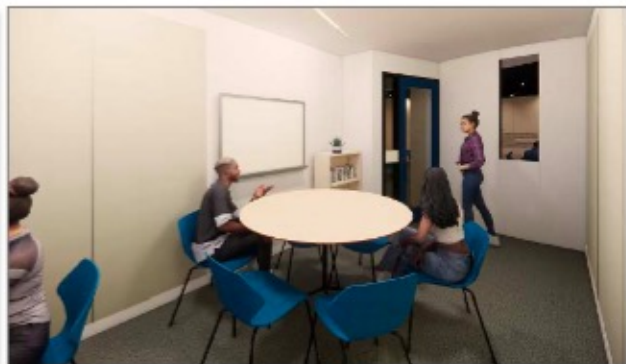
Events like the Latinx Mixer (left) and visit to the UD Botanic Gardens (right) help build cohesion in the diverse graduate student community.

Underrepresented minority graduate students



Underrepresented minority (URM) students are U.S. citizens and permanent residents who identify as Black, Hispanic, Native American Indian, Hawaiian or Other Pacific Islander.

Creating the Center for Intercultural Engagement

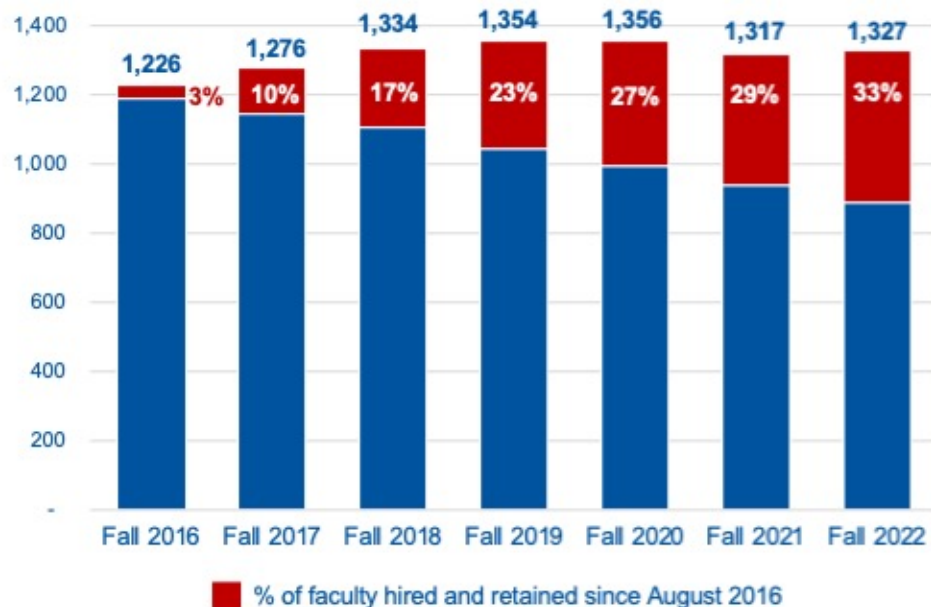




Investing in Our Intellectual Capital

Investing in our distinguished faculty

Reinvigorating the Faculty Ranks



- Student-faculty ratio now 14.2:1, down from 15:1 in Fall 2016
- Staff*-faculty ratio 1:1, same as Fall 2016
- A more diverse faculty:
 - 13% of full-time faculty hires since Fall 2016 have been underrepresented minorities
 - 124 full-time faculty are underrepresented minority in Fall 2022, up 27% since Fall 2016

**Staff assigned to colleges only; staff not affiliated with a college are excluded*

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Developing a multi-year faculty hiring plan

Desired features:

- Looks back 2 years for context and forecasts the next 3 years
- Coordinates timing of hire with lab/space needs
- Takes into account departmental context
 - Curricular needs; enrollment growth; retirements; APR recommendations
- Links to University interdisciplinary themes, such as sustainability, data science and fin-tech



New faculty group photo, August 2022

COACHE survey points toward future

Collaborative on Academic Careers in Higher Education

Addressing concerns and building on strengths; future-focused; aligned with UD's strategic plan

CLIMATE

Of primary importance

A poor climate is a chief reason for attrition, whereas a good climate promotes happiness and high achievement.

We can do many things in response to the survey, but if we fail to improve the climate for faculty, we will not ultimately be successful.

COACHING

Key to improving and maintaining a good climate

Effective coaching can empower campus leaders and faculty peers to improve the climate by addressing issues of poor performance and un-collegiality.

Building a culture of care and mentorship will promote and celebrate faculty success.

COLLABORATION

Foundation of shared governance

Honesty, candor, transparency, and consistency are hallmarks of effective collaboration.

It depends on trust, clarity of roles, good communication, a strong sense of a shared mission.

Collaboration means working together and equitably distributing and rewarding our work.

An aerial photograph of a university campus. In the foreground, a large, circular, multi-tiered fountain sits in the center of a red brick plaza. Several people are gathered around the fountain. To the left, a small utility vehicle is parked on a path. The campus is lush with green lawns, manicured hedges, and numerous trees, some of which are in bloom with light purple flowers. In the background, a large, classical-style building with a prominent portico and columns stands out. Other campus buildings are visible in the distance under a clear sky.

Building the Campus of the Future

Fintech Innovation Hub nears opening

October 2020



February 2021
*Signing & placing
the final beam*



May 2021



Anticipated full opening in Summer 2023

Bringing Building X to life



Securing the Resources to Achieve Our Vision

Tom and Betty
Dietz
1977



State operating requests: Access & affordability



State capital requests: Ensuring modern facilities



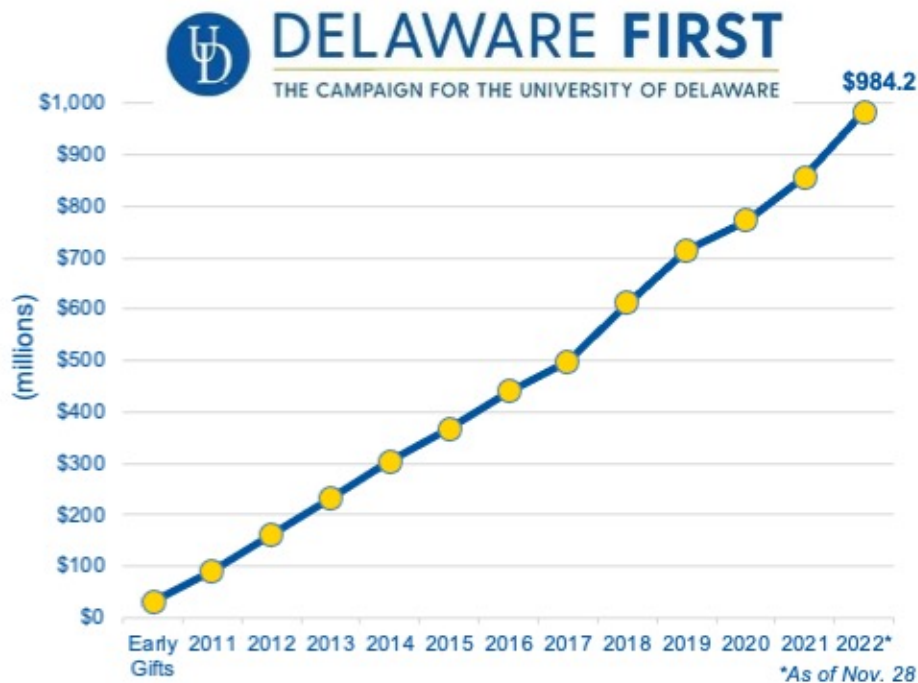
**Campus-Wide
Deferred Maintenance
Request: \$30M**



**Support for National Institute of Innovation in Manufacturing
Biopharmaceuticals
Request: \$27.5M over four years**

Nearing the end of our successful \$1B campaign

- >107,000 donors
- Endowment grew from \$1.2B to ~\$2.1B
- 455 undergraduate scholarships
- 43 professorships and chair funds
- 89 fellowships and graduate funds
- 176 program and research funds
 - Spectrum Scholars, Blue Hen Strong Fund, Financial Planning & Wealth Mgmt.
- Support for multiple facilities
 - Ammon Pinizzotto, Drake Hall, Genuardi Food Innovation Lab, Whitney Center



Imagining beyond *Delaware First*



Student access,
affordability and
success



Academic and
research
excellence



Outstanding
modern facilities

A young woman with long brown hair and sunglasses on her head is sitting at a blue outdoor table. She is looking down at a laptop and writing in a notebook with a pen. There are other notebooks and a smartphone on the table. The background is a blurred outdoor setting with trees and a building.

Questions?

General Faculty Meeting

President Dennis Assanis

December 5, 2022

