University Senate: State of the Campus Address
Darryll J. Pines, President
November 3, 2022
“Even as I speak, there are young people planting trees, looking at ways to reduce single-use plastics, doing fundamental research. Some of them are volunteering in soup kitchens, some of them are raising money to help refugees.”
We Take on Humanity’s Grand Challenges

Our education, research, scholarship and creative activities, and service are designed to accelerate solutions to humanity’s grand challenges—within our communities and around the globe.
Maryland Initiative for Literacy & Equity (MILE)

PARTICIPATING SCHOOLS AND COLLEGES
EDUC
ARHU
BSOS
INFO
Making the World of Digital Technologies Accessible for People with Disabilities: The Trace Center Reboot
Center for Critical Urban Studies

PARTICIPATING SCHOOLS AND COLLEGES
ARCH
ARHU
SPH
Addressing Climate Challenges for a Sustainable Earth

PARTICIPATING SCHOOLS AND COLLEGES
CMNS
BSOS
Pandemic Preparedness, Response, Management and Resilience Institute

PARTICIPATING SCHOOLS AND COLLEGES
SPHL
ENGR
ARHU
UHC
Global FEWture:
Advancing Transformative Food-Energy-Water Solutions to Ensure Community Resilience in a Changing Climate

PARTICIPATING SCHOOLS AND COLLEGES
AGNR
ARCH
BSOS
CMNS
ENGR
SPH
Center of Excellence in Microbiome Sciences

PARTICIPATING SCHOOLS AND COLLEGES
AGNR
CMNS
Institute For Democracy Research, Education, and Civic Action

PARTICIPATING SCHOOLS AND COLLEGES

BSOS
EDUC
JOUR
SPP
We Reimagine Learning

Lead in the development of innovative and inclusive approaches for teaching and learning.
Academic Excellence

4,264
TOTAL FACULTY

5
NOBEL PRIZE RECIPIENTS
Herbert Hauptman (chemistry, 1985)
William Phillips (physics, 1997)
Raymond Davis (physics, 2002)
Thomas Schelling (economics, 2005)
John Mather (physics, 2006)

61
MEMBERS OF THE NATIONAL ACADEMIES

9
AAAS FELLOWS IN THE LAST 3 YEARS

16
PULITZER PRIZE WINNERS

2
RHODES SCHOLARS
Tom McMillen ’74
Fang Cao ’15

8
FULBRIGHT SCHOLARS IN 2021-22
Tied for #3 among Doctoral Institutions
54 students and scholars in last 5 years

5
ALUMS ARE MACARthur GENIUS AWARD RECIPIENTS
2022 Teaching and Learning Innovation Grants

97
Course-Level Grants
(Max $20,000)

$2.7M
TEACHING AND LEARNING

18
Program-Level Grants
(Max $70,000 + matching funds)
UMD students will...

**Learn**

how to use photogrammetry, 3-D modeling, and 3-D printing to produce 1:1 copies of ancient art works, and shows them how to adapt a Bronze Age Greek floor decoration to generate a chalk replica in the courtyard of the Art-Sociology Building.

(PI: Emily Egan, ARHU)

**Partner**

with an African university to explore agricultural production, food security and international development. They will develop extension activities that support farming communities.

(PI: Taryn Devereux, AGNR)

**Collaborate**

with local nonprofits, community organizations, and experts to understand strategies for social change in Prince George’s County.

(PI: Ebonie Cooper-Jean, SPP)

**Explore**

Black cultural historic sites in and around the College Park area, and will produce a "cultural exhibit" final project.

(PI: Robert Chflet, BSOS)
UMD students will...

**Engage**
with augmented reality and virtual reality learning experiences to partner with PepsiCo leadership and learn about their "farm to table" supply chain.
*(PI: Humberto C. Coronado, BMGT)*

**Assess**
freshwater species and learn about their genetics and evolution using DNA barcoding.
*(PI: Bill Lamp, CMNS)*

**Use**
artificial intelligence and machine learning to design robots that can explore the world outside the classroom.
*(PI: Jacelyn Lopez Roshwalb, ENGR)*

**Apply**
Improvisation techniques as a responsive and active teaching method in K12 classrooms.
*(PI: Angela Christine Stoltz, EDUC)*
Grant Outcomes

43% of projects will bring students out of the classroom.
Almost half of the funded projects include field trips, service projects, internships, or professional partnerships that bring students out of the classroom, and let them apply their growing knowledge to the real world. Examples of partnerships include Pepsico, Prince George’s Public Schools, The National Park Service, Bowie State University, and the Capital News Service.

46 projects will redesign GenEd courses.
By making our General Education courses more experiential, students will have the opportunity to do meaningful work and find new passions in disciplines across the University.
WE REIMAGINE LEARNING
WE TAKE ON HUMANITY’S GRAND CHALLENGES
WE INVEST IN PEOPLE AND COMMUNITIES
WE PARTNER TO ADVANCE THE COMMON GOOD

296 courses
19,171 student-seats
148 PIs and CoPIs
86 academic programs

91 projects (77%) Civic Engagement
90 projects (76%) DEI component
307 stipends to faculty & staff
86 academic programs

82 projects (69%) Grand Challenges
296 courses
19,171 student-seats
148 PIs and CoPIs

208 projects (77%)
Civic Engagement
90 projects (76%) DEI component
307 stipends to faculty & staff
86 academic programs

WE FEARLESSLY FORWARD

208 projects (77%)
Civic Engagement
90 projects (76%) DEI component
307 stipends to faculty & staff
86 academic programs
We Partner to Advance the Common Good

Our future is tied to and interconnected with our local, state, national, and international partners. We will create and sustain partnerships that allow our research to have impact locally and globally, our education to prepare students for civic engagement and impact, and our service to create solutions for a more equitable, sustainable, and resilient world.
We Invest in People and Communities

Lead the nation in living a commitment to equity, diversity, and inclusion in all we do.
“I never would have imagined in 1955 when I walked onto this campus or in 1959 when I walked off with my degree in hand, that anyone here would ever speak my name again. I knew I had succeeded, but I did not realize the significance of my journey.”

Elaine Johnson Coates
Do you know what Opportunity looks like?
The University of Maryland is launching a major new university initiative to invest up to $20 million annually in support for low income Marylanders to improve graduation rates, reduce student debt, and provide pathways for promising students within the state of Maryland.

Introducing the...
Terrapin Commitment

$20 million annual investment in need-based scholarships
Who has Maryland Pride?