

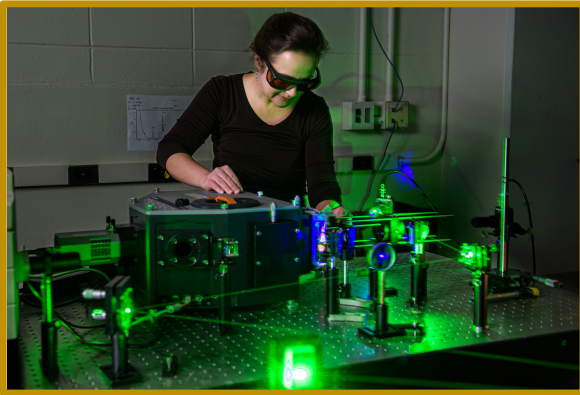
BOARD OF TRUSTEES
PRESENTATION

PURDUE SCIENCE

PATRICK WOLFE
FEBRUARY 2022



A COLLEGE TRANSFORMED



THEN AND NOW

- Juggernaut growth
 - Approaching a doubling of undergraduates (from 6th to 2nd largest)
 - Near-constant tenure-track FTE, administrative staffing ↓25%
- Skyrocketing student success
 - From lagging Purdue's averages to leading, across key metrics
 - Median ACT 26↗31; demand ↑4x; 5 yrs record # admits (↗8k '21)
- Record-setting and record-breaking performance
 - Student profile; new faculty hiring; Emerging Leaders scholarships
 - Largest % growth of any college; 8.5x all other colleges in aggregate
- Proof that with sustained focus, right inputs generate the right outputs

AN UNPRECEDENTED CHANGE, UNIQUE AT A LEADING UNIVERSITY

KEY STRATEGIC INVESTMENTS



INTENTIONALITY: CHOOSING WHAT TO DO AND WHAT *NOT* TO DO

- Renewal with >10% new faculty hiring year-on-year
- Transformative investments in start-up infrastructure
 - Environment, facilities, incentives, expectations and *culture*
- Research thrusts realigned with Purdue strengths
 - Quantum science, cyber, artificial intelligence, planetary science, space exploration & more
 - Growth in graduate applications, enrollment, funding, research proposals, revenue & (most importantly) scholarly impact
- Emerging Leaders Science Scholars
 - Record numbers of outstanding Purdue Science scholars from historically under-served populations (new beginners ↑86%)

RESULT: **BETTER SERVING RECORD NUMBERS OF STUDENTS ACROSS PURDUE - AND ON A SIGNIFICANTLY REDUCED COST BASE PER CAPITA**

SKYROCKETING STUDENT SUCCESS



HIGHLIGHTS IN A DECADE OF FROZEN TUITION

- Driving strategic enrollment growth at scale
 - Seven years of consecutive enrollment records in Science, while delivering 40% of all 100-299-level credit hours on campus
 - Record applicant numbers for Fall 2022; three consecutive years with more Indiana students than any point since 2009 or earlier
- Supporting our students to be more successful than ever before
 - 1-, 2- and 3-year retention rates all up, and above Purdue average
 - Time to graduation steadily down, and below Purdue average
 - Dean's list and semester honors on pace to double over 7 years
- Creating key new STEM degree programs to strengthen Purdue
 - Data Science (2017, already at 402 students); Artificial Intelligence (2022); Actuarial Science (newly announced Center of Excellence)

PROVING THE BENEFITS OF KEEPING COSTS UNDER CONTROL

READY TO TAKE OUR NEXT GIANT LEAP

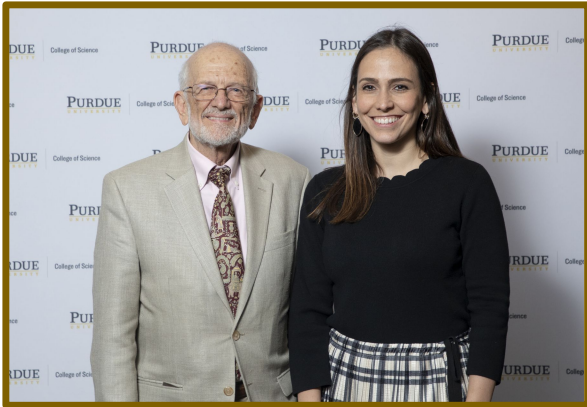


WHAT IS NEEDED: A SELECTIVE FOCUS ON KEY SCIENCE MOVES...

- Data & computational sciences writ large
 - Deepen and broaden the core strengths of a juggernaut success
- Quantum science & information
 - Accelerate recent successes across Physics, Math & Computing
- Planetary science and space exploration
 - Drive our second-largest effort in the nation into pole position
- Molecular basis of disease
 - Leverage campus investments in life sciences, cancer & health
- Advanced materials
 - Build #1-ranked Analytical Chemistry, connect Biology & Physics

...ALONGSIDE UNDERPINNING INVESTMENTS IN ENABLING AREAS

CREATING A SCIENTIFIC POWERHOUSE



RIGHT INPUTS CONTINUE TO GENERATE THE RIGHT OUTPUTS

- Purdue Science has undergone an unprecedented transformation and is poised to accelerate its rise in ranking and reputation
- We are now precisely positioned and on the cusp, ready to take our next giant leap forward
- All of this puts and keeps us on track to create and sustain a true scientific powerhouse, together over the longer term

WITH YOUR FOCUS, HELP AND CONTINUED SUPPORT

We will continue to keep our eye on the ball and foot on the gas!

AIM: TO LIFT PURDUE TO EVER GREATER ACADEMIC HEIGHTS AND CONTINUE TO SERVE ALL OF CAMPUS TO THE BEST OF OUR ABILITY