

Annual Report of Graduate Education and Research Activity

Office of the Associate Dean for
Graduate Education and Research
Fiscal Year 2024



PennState
College of Earth
and Mineral Sciences

Dear EMS community,

I'm excited to share with you the annual report on graduate education and research activities for Fiscal Year 2024. This year, our university has achieved a remarkable milestone, with total research expenditures reaching a record \$1.3 billion—an 8% increase over the previous year. Our college contributed to this success, with a total of \$87.5 million in research expenditures, representing a greater percentage increase than the Penn State average.

Many of our research programs rank in the top 12 in the National Science Foundation rankings for Higher Education Research and Development expenditures across key fields and subfields in science and engineering. We also continue to maintain stellar nationally ranked educational programs, as reflected in the U.S. News and World Report's rankings of "Best Graduate Schools."

In addition, our proposal and award activity showed a substantial 23% increase from the previous fiscal year. This significant growth allows us to project a very healthy and continuous research activity in the coming years, strengthening our position in driving forward innovation and discovery. These achievements are a testament to the dedication, collaboration, and hard work of our researchers and staff across the college.

As we continue to build on this momentum, I look forward to seeing the impact of our efforts in the years ahead,



Zuleima Karpyn

Associate Dean for Graduate Education and Research



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EMS Graduate Education and Research at-a-glance, 2024

1,406

GRAD. STUDENTS
ENROLLED
(-5.7%)

443

CREDENTIALS
AWARDED
(-3.5%)

67

PhD DEGREES
CONFERRED
(-5.6%)

\$200.5M

PROPOSALS
TOTAL (+23.0%)

\$59.4M

AWARDS
TOTAL (+22.9%)

\$87.5M

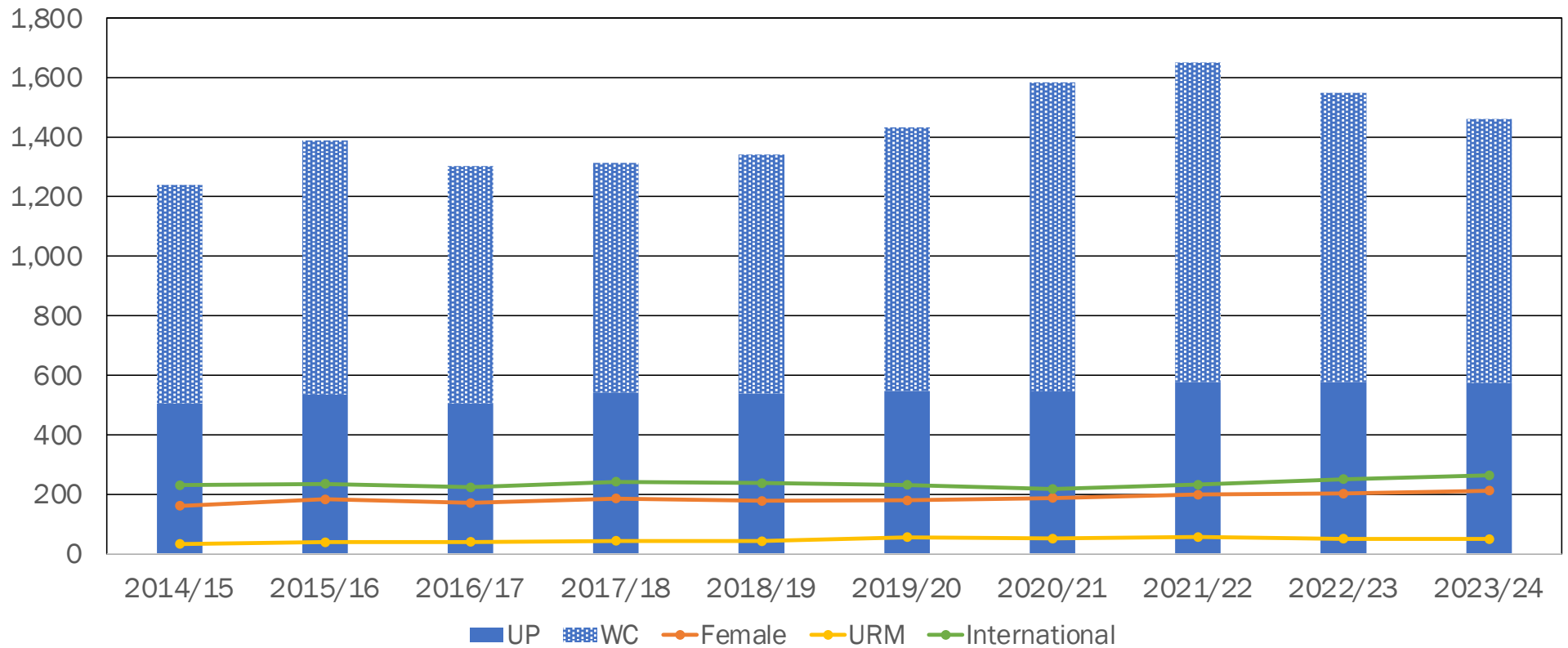
EXPENDITURES
TOTAL (+10.3%)



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Proposal, Awards and Expenditures follow assignment of credit by faculty home unit for all research activities across the university

Graduate Student Enrollment, 2014-2024



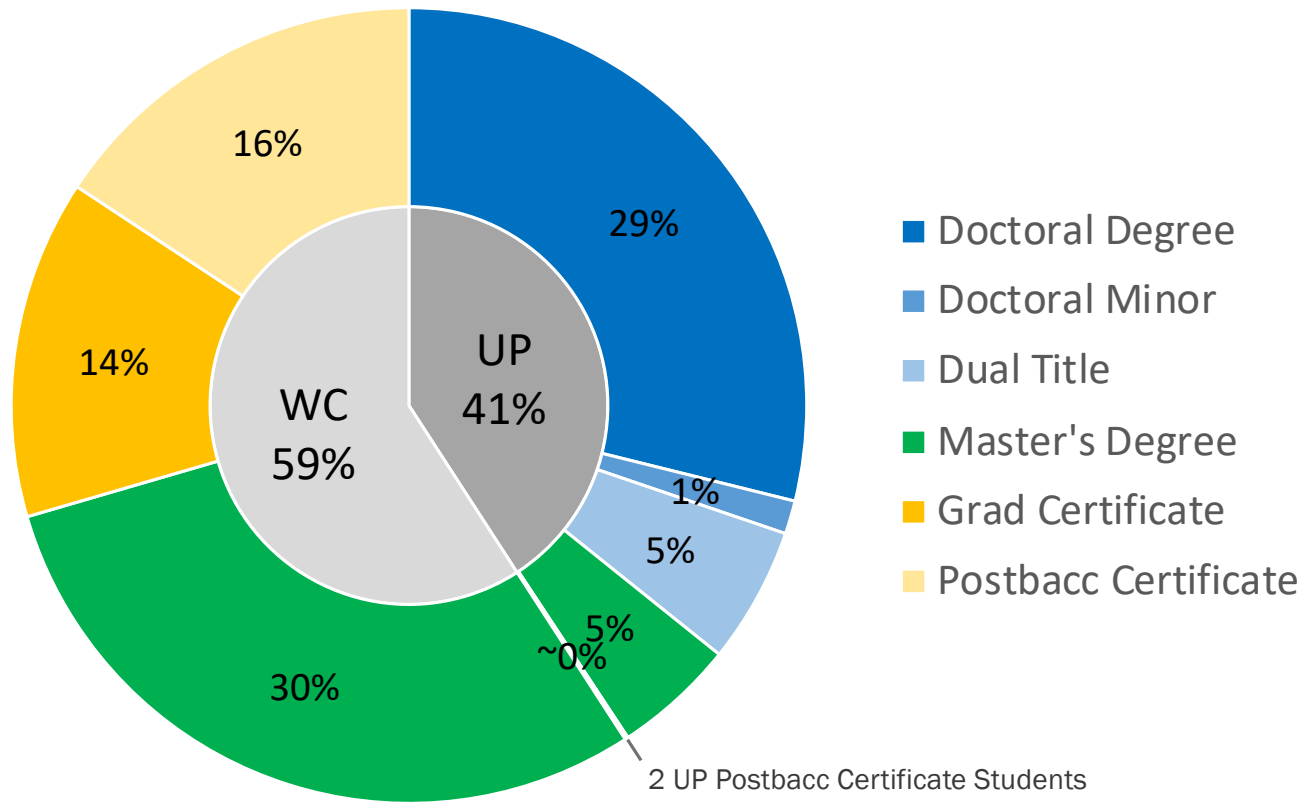
PennState
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UP: University Park (Resident)
WC: World Campus (Online)
URM: Underrepresented Minority

Graduate Enrollment by Campus and Credential

1,406

Total Graduate
STUDENTS
IN 2023/24

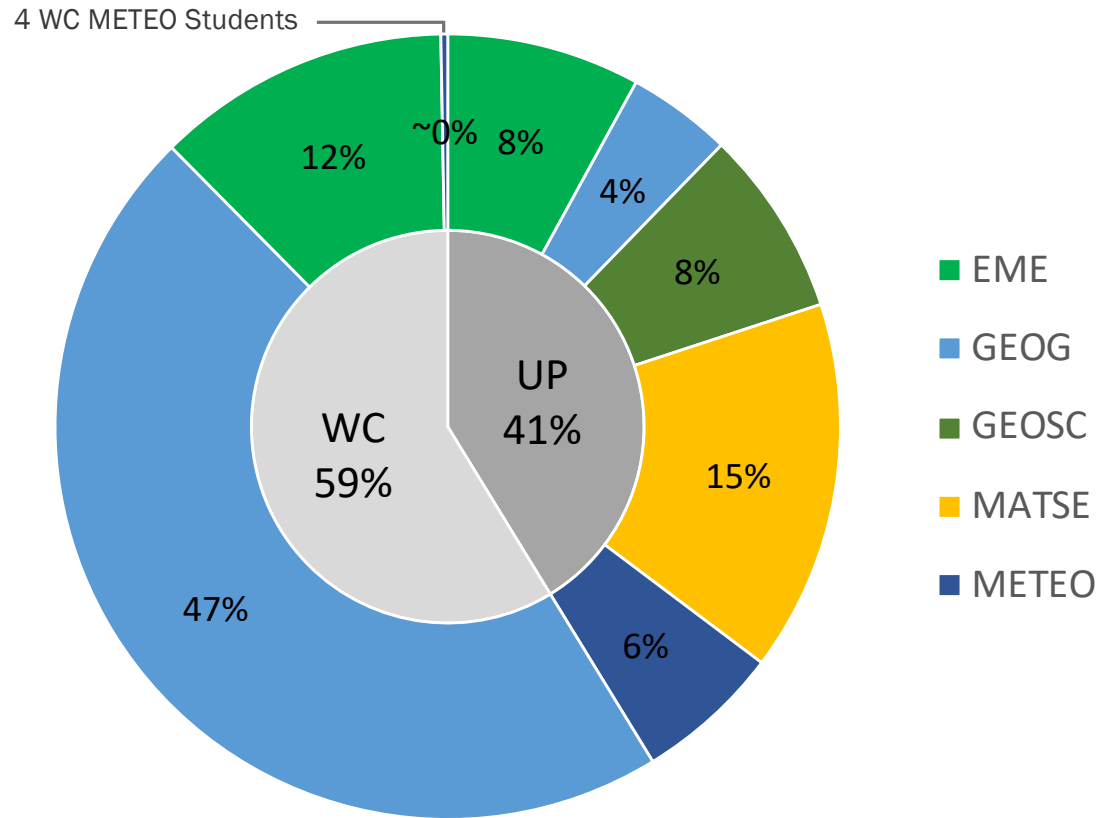


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Graduate Enrollment by Campus and Department

1,406
Total Graduate
STUDENTS
IN 2023/24



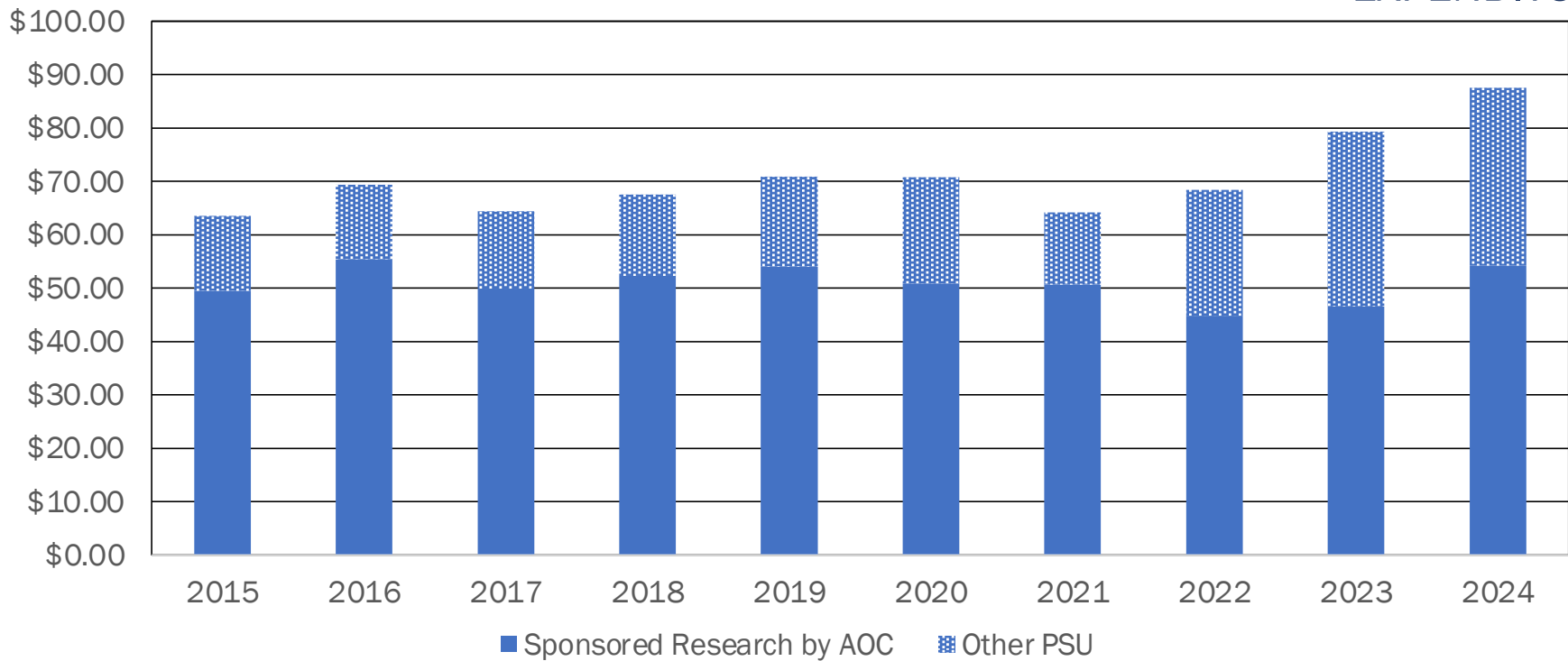
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UP: University Park (Resident)
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Total Research Expenditures, 2015-2024

\$87.5M
TOTAL
EXPENDITURES

In millions of dollars



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Sponsored Research by Funding Source

