
















MSU Strategic Plan Metric Progress: DISCOVERY
University Council Update
February 4, 2015

| Metric | | 09-10 | 10-11 | 11-12 | 12-13 | 13-14 | Target | Progress | | |
|--------|---|---|---------------|---------------|--|------------------------------------|---|---|---|--|
| D.1.1 | MSU will increasingly attract and retain faculty of national and international recognition. | No comprehensive data collection effort | | | Preliminary Data Collection Effort: 7 National Fellows | RFP for new data collection system | Activity Insight implemented | Attract and retain faculty with specified recognition | | |
| D.1.2 | National and international recognition of MSU faculty as measured through scholarly and creative accomplishments. | Uneven data collection effort through FAD reporting | | | | RFP for new data collection system | e.g. 72 Natl and Intl Awards and Honors | Increase counts of specified activities | | |
| D.1.3 | Carnegie Rank within RU/VH | | | | | | | | | |
| | STEM R&D Expenditures (NSF) | \$117,321,000 | \$121,315,000 | \$111,693,000 | | | Increase |  | ↓ | |
| | Rank | 94 | 93 | 98 | | | Improve |  | ↑ | |
| | Non-STEM R&D Expenditures (NSF) | \$12,799,000 | \$13,769,000 | \$14,273,000 | | | Increase |  | ↑ | |
| | Rank | 92 | 89 | 88 | | | Improve |  | ↓ | |
| | Science and engineering post docs and non-fac research staff (NSF) | 126 | 115 | 101 | | | Increase |  | ↓ | |
| | Rank | 96 | 100 | 100 | | | Improve |  | ↔ | |
| | Doctoral Conferrals (IPEDS) | 45 | 56 | 53 | 49 | 56 | Increase |  | ↓ | |
| | Rank | 106 | 106 | 106 | 106 | | Improve |  | ↔ | |

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|--------|---|---|-------------|--------------|---|---------------------------------------|--------------------------------|---|---|
| D.2.1 | Funding for capital projects from public and private sources to provide state-of-the-art laboratory, studio and other space-related resources | \$16,906,171 | \$7,462,194 | \$20,696,809 | \$5,617,773 | \$14,587,915 | Increase |  | ↑ |
| D.2.2 | Grant-sponsored investment in centers, core facilities and resources | \$5,105,060 | \$5,839,575 | \$16,498,363 | \$6,613,660 | \$1,896,921 | Increase |  | ↓ |
| D.3.1 | Percentage of faculty who advise doctoral students (T/TT/NTT) | | | | | 46.88% | Increase | | |
| D.3.2 | Graduate student headcount | 1924 | 1980 | 1965 | 1888 | 2030 | 2350 |  | ↑ |
| | Doctoral student headcount | 401 | 396 | 397 | 420 | 481 | Increase |  | ↑ |
| D.3.3 | Graduate Degrees Awarded (Summer, Fall, Spring) | 519 | 548 | 591 | 584 | 562 | 625 |  | ↓ |
| | STEM MS and PhD Degrees Awarded (Summer, Fall, Spring) | 239 | 295 | 297 | 328 | 352 | 325 |  | ↑ |
| | All Doctoral Degrees Awarded (Summer, Fall, Spring) | 45 | 56 | 53 | 49 | 56 | 80 |  | ↑ |
| D.3.4 | The number and proportion of doctoral students presenting at national and international meetings, publishing in eminent academic outlets, earning high-profile fellowships, securing prizes from national and international competitions and garnering prestigious job placements | No comprehensive data collection effort | | | RFP for new data collection system to include grad option | Not implemented for graduate students | Increase number and proportion | | |

Sources: Provost's Office, Activity Insight, Office of Planning and Analysis, NSF HERD and Academic R&D Survey, NSF/GSS Survey of Graduate Students and Post Docs in Science and Engineering, OCHE Student Data Warehouse, University Business Services, Office of Sponsored Programs