

University of Montana

ScholarWorks at University of Montana

University of Montana Planning and
Assessment Reports, 1969-2016

University of Montana Publications

2010

Institutional Assessment Report, 2010

University of Montana–Missoula. Office of the Provost

Follow this and additional works at: https://scholarworks.umt.edu/planning_assessment

Let us know how access to this document benefits you.

Recommended Citation

University of Montana–Missoula. Office of the Provost, "Institutional Assessment Report, 2010" (2010).
University of Montana Planning and Assessment Reports, 1969-2016. 6.
https://scholarworks.umt.edu/planning_assessment/6

This Report is brought to you for free and open access by the University of Montana Publications at ScholarWorks at University of Montana. It has been accepted for inclusion in University of Montana Planning and Assessment Reports, 1969-2016 by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

The University of Montana-Missoula 2010 INSTITUTIONAL ASSESSMENT REPORT

The University of Montana continues its commitment to increased accountability and linkage of Planning, Resource Allocation, and Assessment. This second annual Institutional Assessment Report illustrates not only that commitment, but also the positive outcomes of strategic resource management.

Strategic planning, budgeting, implementation, and assessment are essential components of the resource management process. **Planning** is the process by which the University develops long term priorities and initiatives. **Budgeting** involves the allocation of appropriate resources over the short term to achieve these objectives. **Implementation** is the execution phase, and involves applying time, energy, and resources to transform plans and goals into actions. **Assessment** requires careful analysis of outcomes, comparing the results with established goals and objectives thereby providing a rational basis for the next round of planning.

This document is a summary of The University of Montana's second annual institutional assessment reporting efforts. It summarizes performance outcomes for the 2009-10 academic year from many different assessment instruments, and is organized around seven major assessment categories.

UNDERGRADUATE ACADEMIC QUALITY AND STUDENT SUCCESS

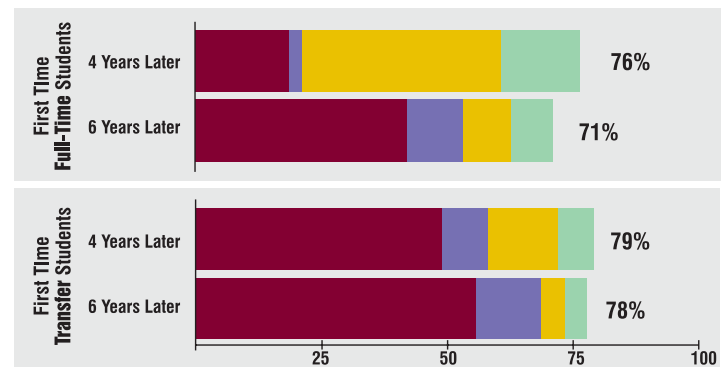
Student success rates continue to improve at the Mountain Campus, with first-year retention rising from about 70% in 2003 to over 73% in 2009. The retention rate for students progressing from the second to third year also continues to improve. 76% of students graduated or were still enrolled in college four years later. The average time-to-degree is 5.13 years.

Better assessment of entering math skills, along with improved linkage with advising, resulted in improved performance in first math courses. Writing skills are improving in response to increased tutoring and direct intervention. Graduating seniors continue to demonstrate growth in critical thinking and problem solving, placing UM in the top 20% of four-year institutions. (CLA)

First-year retention at the COT was 56%, compared to the strategic target of 60%. The COT graduation rate was 38%, compared to the target of 45%.



■ Graduated from UM
 ■ Graduated at Another Institution
■ Still Enrolled at UM
 ■ Still Enrolled at Another Institution



GRADUATE PROGRAMS ACADEMIC QUALITY AND STUDENT SUCCESS

Master's degrees awarded grew to 473; 63 PhD and EdD degrees were awarded, along with 170 professional doctoral degrees. Overall, 42% of graduate school applicants were admitted. GRE scores vary across programs, averaging 524 verbal and 582 quantitative (1106 combined).

Though tuition waivers were awarded to 483 TAs and RAs (284 master's, 15 law, and 184 doctoral), stipends continue to severely lag national averages. In contrast to universities in 47 other states, graduate assistants from out-of-state are charged full tuition at nonresident rates.

According to survey data, 81% of master's and 89% of doctoral degree graduates (including law) were employed during the year after graduation, with 61% employed in Montana.

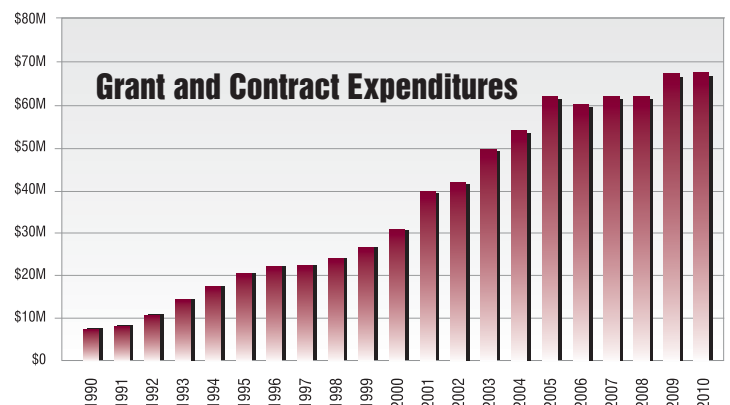
| Graduate Students | | | |
|-------------------|--------------|--------------|--------------|
| | FY2000 | FY2005 | FY2010 |
| Master's | 1,000 | 1,145 | 1,284 |
| Professional | 290 | 296 | 314 |
| Doctoral | 151 | 238 | 193 |
| Total | 1,252 | 1,679 | 1,791 |

RESEARCH, CREATIVE SCHOLARSHIP, AND TECHNOLOGY TRANSFER

Research funded from extramural grants and contracts continues to grow (by a compound annual rate of 11.7% since 1990), leveraging the State's investment many times over, infusing \$70 million per year into Montana's economy, and developing economic capacity through intellectual capital.

Annual publication of peer-reviewed scholarly articles has more than tripled in the last two decades, and the quality and importance of the research is impressive. In the last five years, UM faculty members published 31 papers in the premier science journals *Science* and *Nature*.

The Office of Technology Transfer reports 24 active licenses with local, national, and international companies. The growth of the research enterprise has helped faculty members create 10 new spin-off companies.



ENROLLMENT MANAGEMENT

Enrollments continue to set records, with sustained success recruiting resident students (754 FTE above projections). Nonresident enrollment fell slightly with the economic downturn.

Partnering for Student Success continues to result in higher retention rates (up for the last four cohorts of full-time freshmen). Student credit loads also continue to rise, increasing the probability of graduation.

For the current biennium, resident tuition rates remain frozen at the COT, but have increased by 3% on the Mountain Campus.

UM provides effective access for historically underrepresented populations, including students from low income families, students with disabilities, first generation students, and ethnic minorities. These students make up more than half of undergraduate enrollment.

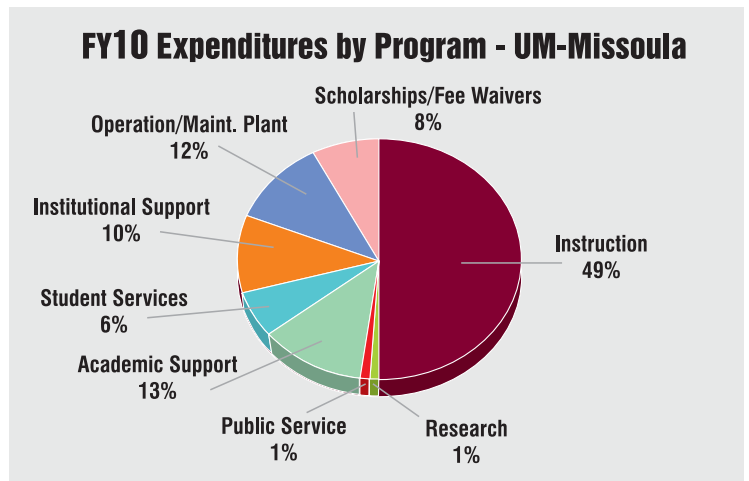
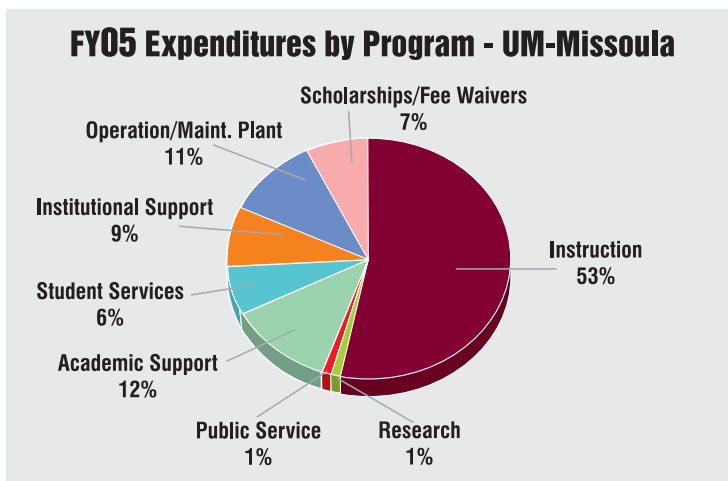
Nontraditional students (those who matriculate more than three years after high school graduation) make up 8.5% of undergraduates.

| | Actual FY2007 | Actual FY2008 | Actual FY2009 | Actual FY2010 |
|------------------------------|------------------|------------------|------------------|------------------|
| College of Technology | | | | |
| Resident | 1,033 | 1,186 | 1,313 | 1,398 |
| Nonresident | 57 | 77 | 100 | 109 |
| WUE | 8 | 13 | 10 | 10 |
| Total COT | 1,098 | 1,276 | 1,423 | 1,518 |
| UM Undergraduate | | | | |
| Resident | 6,846 | 6,883 | 7,113 | 7,453 |
| Nonresident | 1,868 | 1,821 | 1,895 | 1,888 |
| WUE | 637 | 697 | 631 | 689 |
| Total Undergraduate | 9,351 | 9,401 | 9,638 | 10,031 |
| Graduate School | | | | |
| Resident | 1,140 | 1,208 | 1,216 | 1,304 |
| Nonresident | 551 | 550 | 507 | 487 |
| Total Graduate School | 1,691 | 1,758 | 1,723 | 1,791 |
| UM-Missoula | | | | |
| Resident | 9,019 | 9,277 | 9,641 | 10,155 |
| Nonresident | 2,476 | 2,448 | 2,502 | 2,485 |
| WUE | 645 | 710 | 641 | 700 |
| Total FTE UM-Missoula | 12,140 | 12,435 | 12,784 | 13,340 |

INSTITUTIONAL EFFICIENCY AND EFFECTIVENESS

Lumina Foundation's Delta Cost Project showed UM to be the most cost-efficient public research institution in the nation. UM's level of expenditures per student is lowest in the nation for flagship universities, and is 22% lower than the average of the WICHE states.

The following illustrates the comparison of budget distribution across programs in FY05 and FY10:



UM's instructional costs and productivity compare quite favorably with national benchmarks. Many programs produce over 50% more student credit hours per faculty than national comparators, and average about two-thirds the cost.

At \$2.24 per square foot, UM spends 10% less than the regional average on energy costs – due in large part to its commitments to energy conservation and climate action.

CONTRIBUTIONS TO THE COMMUNITY

UM is a major generator of economic wealth throughout the State of Montana. According to a recent study by the Bureau of Business and Economic research, 9,700 jobs and more than \$1.0 billion in after tax income in Montana's economy are attributable to UM-Missoula. In addition, \$200 million in state tax revenues, \$352 million in annual investment spending, and an increase of more than \$1,300 in average compensation per worker for all jobs in Montana are due to the presence of the University. The study was conducted using a top tier economic model that has been in existence since 1980. Provided by REMI, it has been evaluated in more than 700 studies and has been peer-reviewed in many academic journals. The stated impacts are net of tax revenues, tuition, and other spending by Montanans in support of UM. The spending of the University, the extra earnings realized by our graduates, the spending of visitors, and the University's wide ranging research activities combine to make the State's economy larger, higher paying, and more productive.

UM hosts more non-university driven, public entertainment events than all other venues in Missoula combined. In the past three years, UM has earned a national reputation by hosting entertainers such as The Rolling Stones, Elton John, James Taylor, Brad Paisley, Sting, Alison Krauss, and Blue Man Group.

Grizzly Football games continue to be the State's highest attended events, and each year 42,000 people attend theatre, music, dance, and arts performances and screenings at UM. In addition:

- 6,700 K-12 students attend campus matinees, festivals, exhibitions, showcases, and clinics;
- 17,500 public and private school K-12 students in communities in Montana and the Northwest benefit from Montana Rep's Educational Outreach, UM music ensembles, and MODE and Co-Motion Dance; and
- 30,000 audience members attend Montana Rep's National Tour production in ~50 communities across the nation.



The Montana Osher Lifelong Learning Institute (MOLLI) provides programming for adults over age 50 across the region, and has served 7,100 attendees to date, with over 2,200 this year alone.

As part of the University's public service mission, Montana Public Radio reaches more than 75,000 listeners each week. MontanaPBS, a collaborative of UM and MSU, is viewed in more than 50,000 households statewide each week.

INSTITUTIONAL PROMINENCE

The Carnegie Foundation classification system recognizes The University of Montana's undergraduate program as a "balanced arts and sciences and professions" with a "high graduate coexistence." The basic classification for UM is Research University with "high" research activity. UM was named recently to the "Curricular Engagement and Outreach Partnerships" category. UM is accredited by the Northwest Commission on Colleges and Universities, and completed its 10-year review in 2010.

Seven faculty members are current recipients of the National Science Foundation Early Career Development Award, which provides support to junior faculty who exemplify the role of teacher-scholars.



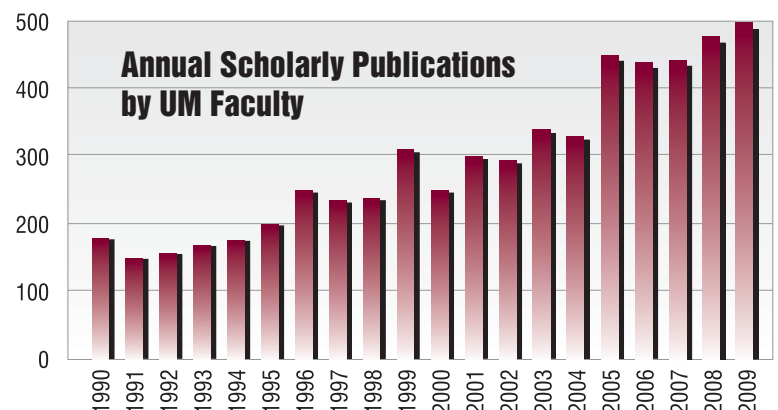
The Corporation for National and Community Service honored The University of Montana with a place on the 2009 President's Higher Education Community Service Honor Roll, the highest federal recognition a university can receive for its commitment to volunteering, service-learning, and civic engagement.

The School of Law was listed as the sixth best value law school in the nation by the *National Jurist*. The article based the rankings on a strong academic program, great alumni and employer connections, and lower tuition.

UM opened its new Payne Family Native American Center on 13 May 2010. The \$8.6 million, 30,000-square-foot facility, built entirely through private funding, is the first of its kind on any university campus in the nation and will house the Department of Native American Studies, American Indian Student Services, and related campus programming under one roof.

The Princeton Review has once again selected The University of Montana as one of the top four-year colleges and universities in North America. The University is also profiled in "The Princeton Review's Guide to 286 Green Colleges," based on UM's Green Rating score of 96. The guidebook mentions several UM sustainability initiatives, including Climate Action Now and Forum for Living with Appropriate Technology (UM FLAT), the Revolving Energy Loan Fund, the Farm to College Program, and the University's greenhouse gas inventory and resulting Climate Action Plan, which outlines UM's strategy to achieve carbon neutrality by 2020.

Six students and recent graduates were awarded Fulbright U.S. Student scholarships for the 2009-10 academic year, making it one of the University's most successful years on record for this prestigious award.



Strategic Planning, Budgeting and Assessment Cycles

The University of Montana

January 2009 - January 2011

