

Montana University System New Academic Program Proposal Summary

Campus: The University of Montana--Missoula	Item Number: 122-1004-R0104
Program Title: Biomolecular Structure and Dynamics	Date: January 15-16, 2004

1. How does this program advance the campus' academic mission and fit priorities?

The University of Montana—Missoula provides basic and applied research and technology transfer. The proposed program would focus on structural and mechanistic biology at the molecular level. Such basic science is critical to benefits such as medical therapy and the eradication of diseases and economic benefits such as a healthier population, and expansion of the pharmaceutical and biotechnology industries.

2. How does this program fit the Board of Regents' goals and objectives?

The program is consistent with the Vision and Goals of the Montana University System especially with regard to creating an environment of ideas and excellence and fostering scientific development and technology transfer while being responsive to market, employment, and economic development needs.

3. How does this program support or advance Montana's needs and interests?

The program will train professionals in the area of biomedical research and provides an opportunity for growth of the biotechnology industry in Montana. Members of the Biomolecular Structure and Dynamics faculty will be increasingly competitive for research project funding from federal and private sources.

4. How will this program contribute to economic development in Montana? (Note projected annual economic impact both regionally and statewide.)

Graduates of the program will be competitive for positions in the area of biomedical research and contribute to the growth of the biotechnology industry in Montana.

5. What is the Program's planned capacity?

Break-even point?

3

Enrollments/year?

15

Graduates/year?

3

MT jobs/year?

3

6. Resource Allocation

Total program budget? \$

Faculty FTE?

Staff FTE?

Does this program require new resources? Amount?

Yes, \$407,000

How will the campus fund the program?

Federal grants and reallocation

If internal reallocation is necessary, name the sources.

Salary savings from vacated positions