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State of Minnesota  
HOUSE OF REPRESENTATIVES

EIGHTY-SEVENTH SESSION

H. F. No. 2191

02/13/2012 Authored by Carlson, Abeler and Hornstein

The bill was read for the first time and referred to the Committee on Higher Education Policy and Finance

1.1 A bill for an act  
1.2 relating to higher education; graduate family medicine education programs;  
1.3 appropriating money; amending Laws 2011, First Special Session chapter 5,  
1.4 article 1, section 5, subdivision 5.

1.5 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

1.6 Section 1. Laws 2011, First Special Session chapter 5, article 1, section 5, subdivision  
1.7 5, is amended to read:

1.8 Subd. 5. **Special Appropriations**

1.9 (a) **Agriculture and Extension Service** 42,922,000 42,922,000

1.10 For the Agricultural Experiment Station and  
1.11 the Minnesota Extension Service:

1.12 (1) the agricultural experiment stations  
1.13 and Minnesota Extension Service must  
1.14 convene agricultural advisory groups to  
1.15 focus research, education, and extension  
1.16 activities on producer needs and implement  
1.17 an outreach strategy that more effectively  
1.18 and rapidly transfers research results and best  
1.19 practices to producers throughout the state;

1.20 (2) this appropriation includes funding for  
1.21 research and outreach on the production of  
1.22 renewable energy from Minnesota biomass  
1.23 resources, including agronomic crops, plant

2.1 and animal wastes, and native plants or trees.

2.2 The following areas should be prioritized and

2.3 carried out in consultation with Minnesota

2.4 producers, renewable energy, and bioenergy

2.5 organizations:

2.6 (i) biofuel and other energy production from

2.7 perennial crops, small grains, row crops,

2.8 and forestry products in conjunction with

2.9 the Natural Resources Research Institute

2.10 (NRRI);

2.11 (ii) alternative bioenergy crops and cropping

2.12 systems; and

2.13 (iii) biofuel coproducts used for livestock

2.14 feed;

2.15 (3) this appropriation includes funding

2.16 for the College of Food, Agricultural, and

2.17 Natural Resources Sciences to establish and

2.18 provide leadership for organic agronomic,

2.19 horticultural, livestock, and food systems

2.20 research, education, and outreach and for

2.21 the purchase of state-of-the-art laboratory,

2.22 planting, tilling, harvesting, and processing

2.23 equipment necessary for this project;

2.24 (4) this appropriation includes funding

2.25 for research efforts that demonstrate a

2.26 renewed emphasis on the needs of the state's

2.27 agriculture community. The following

2.28 areas should be prioritized and carried

2.29 out in consultation with Minnesota farm

2.30 organizations:

2.31 (i) vegetable crop research with priority for

2.32 extending the Minnesota vegetable growing

2.33 season;

- 3.1 (ii) fertilizer and soil fertility research and  
3.2 development;
- 3.3 (iii) soil, groundwater, and surface water  
3.4 conservation practices and contaminant  
3.5 reduction research;
- 3.6 (iv) discovering and developing plant  
3.7 varieties that use nutrients more efficiently;
- 3.8 (v) breeding and development of turf seed  
3.9 and other biomass resources in all three  
3.10 Minnesota biomes;
- 3.11 (vi) development of new disease-resistant  
3.12 and pest-resistant varieties of turf and  
3.13 agronomic crops;
- 3.14 (vii) utilizing plant and livestock cells to treat  
3.15 and cure human diseases;
- 3.16 (viii) the development of dairy coproducts;
- 3.17 (ix) a rapid agricultural response fund for  
3.18 current or emerging animal, plant, and insect  
3.19 problems affecting production or food safety;
- 3.20 (x) crop pest and animal disease research;
- 3.21 (xi) developing animal agriculture that is  
3.22 capable of sustainably feeding the world;
- 3.23 (xii) consumer food safety education and  
3.24 outreach;
- 3.25 (xiii) programs to meet the research and  
3.26 outreach needs of organic livestock and crop  
3.27 farmers; and
- 3.28 (xiv) alternative bioenergy crops and  
3.29 cropping systems; and growing, harvesting,  
3.30 and transporting biomass plant material; and
- 3.31 (5) by February 1, 2013, the Board of  
3.32 Regents must submit a report to the  
3.33 legislative committees with responsibility

4.1 for agriculture and higher education finance  
 4.2 on the status and outcomes of research and  
 4.3 initiatives funded in this section.

|     |                            |                      |                      |
|-----|----------------------------|----------------------|----------------------|
| 4.4 |                            | <del>4,854,000</del> | <del>4,854,000</del> |
| 4.5 | <b>(b) Health Sciences</b> | <u>5,499,000</u>     | <u>5,499,000</u>     |

4.6 (i) \$346,000 each year is to support up to 12  
 4.7 resident physicians in the St. Cloud Hospital  
 4.8 family practice residency program. The  
 4.9 program must prepare doctors to practice  
 4.10 primary care medicine in the rural areas of  
 4.11 the state. The legislature intends this program  
 4.12 to improve health care in rural communities,  
 4.13 provide affordable access to appropriate  
 4.14 medical care, and manage the treatment of  
 4.15 patients in a more cost-effective manner.

4.16 (ii) \$645,000 each year is for graduate  
 4.17 family medicine education programs at the  
 4.18 Hennepin County Medical Center. This  
 4.19 confirms legislative intent that such funding  
 4.20 for graduate family education programs  
 4.21 at Hennepin County Medical Center shall  
 4.22 continue each year and in future biennia,  
 4.23 whether from Health Sciences funding or  
 4.24 general operations and maintenance funding,  
 4.25 unless the legislature explicitly directs  
 4.26 otherwise.

4.27 (iii) The remainder of this appropriation is  
 4.28 for the rural physicians associates program,  
 4.29 the Veterinary Diagnostic Laboratory, health  
 4.30 sciences research, dental care, and the  
 4.31 Biomedical Engineering Center.

|      |                                    |           |           |
|------|------------------------------------|-----------|-----------|
| 4.32 | <b>(c) Institute of Technology</b> | 1,140,000 | 1,140,000 |
|------|------------------------------------|-----------|-----------|

4.33 For the Geological Survey and the talented  
 4.34 youth mathematics program.

|      |                           |           |           |
|------|---------------------------|-----------|-----------|
| 4.35 | <b>(d) System Special</b> | 5,056,000 | 5,056,000 |
|------|---------------------------|-----------|-----------|

5.1 For general research, industrial relations  
 5.2 education, Natural Resources Research  
 5.3 Institute, Center for Urban and Regional  
 5.4 Affairs, Bell Museum of Natural History, and  
 5.5 the Humphrey exhibit.

|     |   |           |           |
|-----|---|-----------|-----------|
| 5.6 | <b>(e) University of Minnesota and Mayo</b> |           |           |
| 5.7 | <b>Foundation Partnership</b>               | 7,491,000 | 7,491,000 |

5.8 For the direct and indirect expenses of the  
 5.9 collaborative research partnership between  
 5.10 the University of Minnesota and the Mayo  
 5.11 Foundation for research in biotechnology  
 5.12 and medical genomics. This appropriation is  
 5.13 available until expended. An annual report  
 5.14 on the expenditure of these funds must be  
 5.15 submitted to the governor and the chairs  
 5.16 of the senate and house of representatives  
 5.17 committees responsible for higher education  
 5.18 and economic development by June 30 of  
 5.19 each fiscal year.