

1.1 Senator ..... moves to amend S.F. No. 2214, in conference committee, as follows:

1.2 On R19, Senate language, (S2214-3)

1.3 Page 14, delete section 4 and insert:

1.4 "**Sec. 4. BOARD OF REGENTS OF THE**  
1.5 **UNIVERSITY OF MINNESOTA**

1.6 **Subdivision 1. Total Appropriation** \$ **636,868,000** \$ **638,818,000**

1.7 Appropriations by Fund

1.8		<u>2018</u>	<u>2019</u>
1.9	<u>General</u>	<u>634,711,000</u>	<u>636,661,000</u>
1.10	<u>Health Care Access</u>	<u>2,157,000</u>	<u>2,157,000</u>

1.11 The amounts that may be spent for each  
1.12 purpose are specified in the following  
1.13 subdivisions.

1.14 **Subd. 2. Operations and Maintenance** 567,273,000 569,223,000

1.15 (a) \$15,000,000 in fiscal year 2018 and  
1.16 \$15,000,000 in fiscal year 2019 are to: (1)  
1.17 increase the medical school's research  
1.18 capacity; (2) improve the medical school's  
1.19 ranking in National Institutes of Health  
1.20 funding; (3) ensure the medical school's  
1.21 national prominence by attracting and  
1.22 retaining world-class faculty, staff, and  
1.23 students; (4) invest in physician training  
1.24 programs in rural and underserved  
1.25 communities; and (5) translate the medical  
1.26 school's research discoveries into new  
1.27 treatments and cures to improve the health of  
1.28 Minnesotans.

1.29 (b) \$6,800,000 in fiscal year 2018 and  
1.30 \$8,800,000 in fiscal year 2019 are for health  
1.31 training restoration. This appropriation must  
1.32 be used to support all of the following: (1)  
1.33 faculty physicians who teach at eight residency  
1.34 program sites, including medical resident and

2.1 student training programs in the Department  
 2.2 of Family Medicine; (2) the Mobile Dental  
 2.3 Clinic; and (3) expansion of geriatric  
 2.4 education and family programs.

2.5 (c) \$1,000,000 in fiscal year 2018 and  
 2.6 \$1,000,000 in fiscal year 2019 are for the  
 2.7 Minnesota Discovery, Research, and  
 2.8 InnoVation Economy funding program for  
 2.9 cancer care research.

2.10 (d) \$50,000 in fiscal year 2018 is to develop  
 2.11 and implement a plan to offer the academic  
 2.12 program for students with intellectual and  
 2.13 developmental disabilities required in article  
 2.14 2, section 16. The Board of Regents must  
 2.15 submit a report on the plan to the chairs and  
 2.16 ranking minority members of the committees  
 2.17 of the legislature with jurisdiction over higher  
 2.18 education finance and policy no later than  
 2.19 January 15, 2018. The report must describe  
 2.20 program plans, including strategies for  
 2.21 recruitment of applicants, and strategies to  
 2.22 address anticipated program needs that cannot  
 2.23 be filled using existing campus or system  
 2.24 resources. This is a onetime appropriation.

2.25 (e) \$500,000 in fiscal year 2018 and \$500,000  
 2.26 in fiscal year 2019 are for the University of  
 2.27 Minnesota, Morris branch, to cover the costs  
 2.28 of tuition waivers under Minnesota Statutes,  
 2.29 section 137.16.

2.30 **Subd. 3. Primary Care Education Initiatives** 2,157,000 2,157,000

2.31 This appropriation is from the health care  
 2.32 access fund.

2.33 **Subd. 4. Special Appropriations**

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

3.1 For the Agricultural Experiment Station and  
3.2 the Minnesota Extension Service:

3.3 (1) the agricultural experiment stations and  
3.4 Minnesota Extension Service must convene  
3.5 agricultural advisory groups to focus research,  
3.6 education, and extension activities on producer  
3.7 needs and implement an outreach strategy that  
3.8 more effectively and rapidly transfers research  
3.9 results and best practices to producers  
3.10 throughout the state;

3.11 (2) this appropriation includes funding for  
3.12 research and outreach on the production of  
3.13 renewable energy from Minnesota biomass  
3.14 resources, including agronomic crops, plant  
3.15 and animal wastes, and native plants or trees.  
3.16 The following areas should be prioritized and  
3.17 carried out in consultation with Minnesota  
3.18 producers, renewable energy, and bioenergy  
3.19 organizations:

3.20 (i) biofuel and other energy production from  
3.21 perennial crops, small grains, row crops, and  
3.22 forestry products in conjunction with the  
3.23 Natural Resources Research Institute (NRRI);

3.24 (ii) alternative bioenergy crops and cropping  
3.25 systems; and

3.26 (iii) biofuel coproducts used for livestock feed;

3.27 (3) this appropriation includes funding for the  
3.28 College of Food, Agricultural, and Natural  
3.29 Resources Sciences to establish and provide  
3.30 leadership for organic agronomic,  
3.31 horticultural, livestock, and food systems  
3.32 research, education, and outreach and for the  
3.33 purchase of state-of-the-art laboratory,

- 4.1 planting, tilling, harvesting, and processing
- 4.2 equipment necessary for this project;
- 4.3 (4) this appropriation includes funding for
- 4.4 research efforts that demonstrate a renewed
- 4.5 emphasis on the needs of the state's agriculture
- 4.6 community. The following areas should be
- 4.7 prioritized and carried out in consultation with
- 4.8 Minnesota farm organizations:
- 4.9 (i) vegetable crop research with priority for
- 4.10 extending the Minnesota vegetable growing
- 4.11 season;
- 4.12 (ii) fertilizer and soil fertility research and
- 4.13 development;
- 4.14 (iii) soil, groundwater, and surface water
- 4.15 conservation practices and contaminant
- 4.16 reduction research;
- 4.17 (iv) discovering and developing plant varieties
- 4.18 that use nutrients more efficiently;
- 4.19 (v) breeding and development of turf seed and
- 4.20 other biomass resources in all three Minnesota
- 4.21 biomes;
- 4.22 (vi) development of new disease-resistant and
- 4.23 pest-resistant varieties of turf and agronomic
- 4.24 crops;
- 4.25 (vii) utilizing plant and livestock cells to treat
- 4.26 and cure human diseases;
- 4.27 (viii) the development of dairy coproducts;
- 4.28 (ix) a rapid agricultural response fund for
- 4.29 current or emerging animal, plant, and insect
- 4.30 problems affecting production or food safety;
- 4.31 (x) crop pest and animal disease research;

5.1 (xi) developing animal agriculture that is  
 5.2 capable of sustainably feeding the world;  
 5.3 (xii) consumer food safety education and  
 5.4 outreach;  
 5.5 (xiii) programs to meet the research and  
 5.6 outreach needs of organic livestock and crop  
 5.7 farmers; and  
 5.8 (xiv) alternative bioenergy crops and cropping  
 5.9 systems; and growing, harvesting, and  
 5.10 transporting biomass plant material; and  
 5.11 (5) by February 1, 2019, the Board of Regents  
 5.12 must submit a report to the legislative  
 5.13 committees and divisions with jurisdiction  
 5.14 over agriculture and higher education finance  
 5.15 on the status and outcomes of research and  
 5.16 initiatives funded in this paragraph.

5.17 **(b) Health Sciences** 9,204,000 9,204,000

5.18 \$346,000 each year is to support up to 12  
 5.19 resident physicians in the St. Cloud Hospital  
 5.20 family practice residency program. The  
 5.21 program must prepare doctors to practice  
 5.22 primary care medicine in rural areas of the  
 5.23 state. The legislature intends this program to  
 5.24 improve health care in rural communities,  
 5.25 provide affordable access to appropriate  
 5.26 medical care, and manage the treatment of  
 5.27 patients in a more cost-effective manner. The  
 5.28 remainder of this appropriation is for the rural  
 5.29 physicians associates program; the Veterinary  
 5.30 Diagnostic Laboratory; health sciences  
 5.31 research; dental care; the Biomedical  
 5.32 Engineering Center; and the collaborative  
 5.33 partnership between the University of  
 5.34 Minnesota and Mayo Clinic for regenerative

6.1	<u>medicine, research, clinical translation, and</u>		
6.2	<u>commercialization.</u>		
6.3	<b><u>(c) Institute of Technology</u></b>	<u>1,140,000</u>	<u>1,140,000</u>
6.4	<u>For the geological survey and the talented</u>		
6.5	<u>youth mathematics program.</u>		
6.6	<b><u>(d) System Special</u></b>	<u>6,181,000</u>	<u>6,181,000</u>
6.7	<u>For general research, the Labor Education</u>		
6.8	<u>Service, Natural Resources Research Institute,</u>		
6.9	<u>Center for Urban and Regional Affairs, Bell</u>		
6.10	<u>Museum of Natural History, and the</u>		
6.11	<u>Humphrey exhibit.</u>		
6.12	<u>\$1,000,000 in fiscal year 2018 and \$1,000,000</u>		
6.13	<u>in fiscal year 2019 are for the Natural</u>		
6.14	<u>Resources Research Institute to invest in</u>		
6.15	<u>applied research for economic development.</u>		
6.16	<b><u>(e) University of Minnesota and Mayo</u></b>		
6.17	<b><u>Foundation Partnership</u></b>	<u>7,991,000</u>	<u>7,991,000</u>
6.18	<u>This appropriation is for the following</u>		
6.19	<u>activities:</u>		
6.20	<u>(1) \$7,491,000 in fiscal year 2018 and</u>		
6.21	<u>\$7,491,000 in fiscal year 2019 are for the</u>		
6.22	<u>direct and indirect expenses of the</u>		
6.23	<u>collaborative research partnership between the</u>		
6.24	<u>University of Minnesota and the Mayo</u>		
6.25	<u>Foundation for research in biotechnology and</u>		
6.26	<u>medical genomics. An annual report on the</u>		
6.27	<u>expenditure of these funds must be submitted</u>		
6.28	<u>to the governor and the chairs of the legislative</u>		
6.29	<u>committees responsible for higher education</u>		
6.30	<u>finance by June 30 of each fiscal year.</u>		
6.31	<u>(2) \$500,000 in fiscal year 2018 and \$500,000</u>		
6.32	<u>in fiscal year 2019 are to award competitive</u>		
6.33	<u>grants to conduct research into the prevention,</u>		

- 7.1 treatment, causes, and cures of Alzheimer's
- 7.2 disease and other dementias.
- 7.3 **Subd. 5. Academic Health Center**
- 7.4 The appropriation for Academic Health Center
- 7.5 funding under Minnesota Statutes, section
- 7.6 297F.10, is estimated to be \$22,250,000 each
- 7.7 year."