

**University of Minnesota Board of Regents
Mission Fulfillment Committee
February 8, 2018**

Consent Report

I. Request for Approval of New Academic Programs

- **Academic Health Center (Twin Cities campus)—Create Master of Medical Laboratory Sciences degree and deliver the degree partially online**

The Academic Health Center on the Twin Cities campus requests approval to create a Master of Medical Laboratory Sciences (MMLS) degree and deliver the program partially online, effective summer 2018. The proposed degree program provides advanced training in the medical laboratory sciences work, including the detection, diagnosis, and treatment of diseases, as well as monitoring and maintaining patient health. Upon completion of the coursework, students are eligible to take various certification exams and successfully complete their training. The proposed program makes use of existing courses and resources.

- **College of Design (Twin Cities campus)—Create post-baccalaureate certificate in Advanced Wearable Products**

The College of Design on the Twin Cities campus requests approval to create an post-baccalaureate certificate in Advanced Wearable Products, effective fall 2018. The proposed program deepens interdisciplinary skills and knowledge related to the design, development, and assessment of wearable functional products, including wearable technology, functional clothing, and personal protective equipment. The proposed program makes use of existing courses and resources.

- **College of Education and Human Development (Twin Cities campus)—Create graduate minor in Infant and Early Childhood Mental Health and deliver online**

The College of Education and Human Development on the Twin Cities campus requests approval to create a graduate minor in Infant and Early Childhood Mental Health and deliver this program online, effective fall 2018. The proposed program focuses on developmental processes related to competence, psychopathology, and resilience in the application of theory and research to early childhood and multi-generation practice and policy. The proposed program makes use of existing courses and resources.

- **College of Liberal Arts (Duluth campus)—Create Master of Tribal Resource and Environmental Stewardship degree and deliver online**

The College of Liberal Arts on the Duluth campus requests approval to create a Master of Tribal Resource and Environmental Stewardship (M.T.R.E.S.) degree and deliver this program online, effective fall 2018. The proposed program is an applied degree that will develop fundamental knowledge and skills for natural resources careers in a tribal governance context, integrating biological, physical, and cultural systems. The proposed

program was designed in consultation with several tribes and tribal agencies and makes use of existing courses and resources.

- **The Crookston Campus—Create a B.S. degree in Agricultural Communication**

The Crookston campus requests approval to create a new Bachelor of Science (B.S.) degree in Agricultural Communication, effective fall 2018. The proposed degree prepares students to be effective communicators in agribusiness, commodity groups, agricultural advocacy agencies, and agricultural communication in general. The proposed program blends agriculture, communication and liberal education courses and makes use of existing resources.

II. Request for Changes to Academic Programs

- **Carlson School of Management—Deliver the Master of Business Administration degree online**

The Carlson School of Management on the Twin Cities campus requests approval to deliver the Master of Business Administration (M.B.A.) degree online, effective spring 2019. The school has intentionally planned for and allocated resources to this type of program delivery in recent years. This better allows the school to serve current and prospective students.

- **The Crookston Campus—Deliver the B.S. and undergraduate in English online**

The Crookston campus requests approval to deliver Bachelor of Science (B.S.) degree and undergraduate minor in English online, effective fall 2018. The campus has intentionally planned for and allocated resources to this type of program delivery in recent years. This better allows the campus to serve current and prospective students.

- **College of Liberal Arts (Duluth campus)—Create sub-plans in Business Administration and Organizational Leadership within the B.A. degree in Cultural Entrepreneurship**

The College of Liberal Arts on the Duluth campus requests approval to create new sub-plans in Business Administration and Organizational Leadership within the Bachelor of Arts (B.A.) degree in Cultural Entrepreneurship, effective fall 2018. The proposed changes better reflect current curricular alignment and student demand.

- **College of Liberal Arts (Duluth campus)—Create sub-plans in American Indian Studies and Business Administration within the B.A. degree in Tribal Administration and Governance**

The College of Liberal Arts on the Duluth campus requests approval to create new sub-plans in American Indian Studies and Business Administration within the Bachelor of Arts (B.A.) degree in Tribal Administration and Governance, effective fall 2018. The proposed changes better reflect current curricular alignment and student demand.

- **College of Liberal Arts (Twin Cities campus)—Change the name of sub-plans in Global Culture and Analysis to Cultural Production and Everyday Practice, Global Political**

Economy to Political Economy and Environmental Change, and Population, Migration, Identity to Global Health and Mobile Populations within the Global Studies B.A. degree

The College of Liberal Arts on the Twin Cities campus requests approval to change the name of sub-plans in Global Culture and Analysis to Cultural Production and Everyday Practice, Global Political Economy to Political Economy and Environmental Change, and Population, Migration, Identity to Global Health and Mobile Populations within the Bachelor of Arts (B.A.) degree in Global Studies, effective spring 2018. The proposed name changes reflect current curricular alignment and student demand.

- **College of Science and Engineering (Twin Cities campus)—Discontinue the Rochester campus sub-plans in the Computer Science M.S. and Master of Computer Science degrees.**

The College of Science and Engineering on the Twin Cities campus requests approval to discontinue the Rochester campus sub-plans in the Master of Science (M.S.) in Computer Science and Master of Computer Science degrees, effective spring 2018. These sub-plans are hold-overs from an era when the technology for distance learning was not as robust. Students can now fully access all content via streaming services and online content.

III. Request for Approval of Discontinued Academic Programs

- **College of Science and Engineering (Twin Cities campus)—Discontinue the Ph.D., M.S., and graduate minor in Scientific Computation**

The College of Science and Engineering on the Twin Cities campus requests approval to discontinue the Doctor of Philosophy (Ph.D.) degree, the Master of Science (M.S.) degree, and the graduate minor in Scientific Computation, effective spring 2018. Very few students are enrolled in the program, and other initiatives and curricular options exist that satisfy similar themes. Faculty and staff will support currently enrolled students toward degree completion.

- **College of Liberal Arts (Duluth campus)—Discontinue B.A. degree and undergraduate minor in Environment and Sustainability**

The College of Liberal Arts on the Duluth campus requests approval to discontinue the Bachelor of Arts (B.A.) degree and undergraduate minor in Environment and Sustainability, effective fall 2018. This is one of three existing programs being merged into a new, redesigned program by its home department. Faculty and staff will support currently enrolled students toward degree completion.

- **College of Liberal Arts (Duluth campus)—Discontinue B.A. degree and undergraduate minor in Geography**

The College of Liberal Arts on the Duluth campus requests approval to discontinue the Bachelor of Arts (B.A.) degree and undergraduate minor in Geography, effective fall 2018. This is one of three existing programs being merged into a new, redesigned program by its home department. Faculty and staff will support currently enrolled students toward degree completion.

- **College of Liberal Arts (Duluth campus)—Discontinue B.A. degree in Urban and Regional Studies**

The College of Liberal Arts on the Duluth campus requests approval to discontinue the Bachelor of Arts (B.A.) degree in Urban and Regional Studies, effective fall 2018. This is one of three existing programs being merged into a new, redesigned program by its home department. Faculty and staff will support currently enrolled students toward degree completion.

- **College of Liberal Arts (Duluth campus)—Discontinue undergraduate minor in Russian Area Studies**

The College of Liberal Arts on the Duluth campus requests approval to discontinue the undergraduate minor in Russian Area Studies, effective fall 2018. Faculty and staff will support currently enrolled students toward degree completion.

- **Swenson College of Science and Engineering (Duluth campus)—Discontinue graduate minor in Engineering Management**

The Swenson College of Science and Engineering on the Duluth campus requests approval to discontinue the graduate minor in Engineering Management, effective fall 2018. Faculty and staff will support currently enrolled students toward degree completion.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
June 8, 2018**

Consent Report

I. Request for Approval of New Academic Programs

▪ **Medical School (Twin Cities campus)—Create fellowship in Orthopaedic Sports Medicine**

The Medical School on the Twin Cities campus requests approval to create a fellowship in Orthopaedic Sports Medicine, effective summer 2018. The program will offer clinical, surgical, and research opportunities for fellows, while providing excellent care for both elite and recreational athletes. The program currently exists in partnership with the TRIA Orthopaedic Center as sponsor, and this agreement would transfer responsibility for administration to the University of Minnesota. TRIA will remain a financial partner. The proposed program makes use of existing courses and resources.

▪ **College of Liberal Arts (Twin Cities campus)—Create M.A. degree in Asian Studies**

The College of Liberal Arts on the Twin Cities campus requests approval to create a new Master of Arts (M.A.) in Asian Studies, effective fall 2018. The proposed program provides advanced training in Asian studies with an emphasis on the development of strong language proficiency and relevant cultural knowledge. The program is designed for students with careers in governmental, non-profit, and industry agencies, as well as those engaged in fields such as education, translation and interpretation, and library or archival work. The program also prepares students for further graduate study in the field. The proposed program makes use of existing courses and resources.

▪ **College of Liberal Arts (Twin Cities campus)—Create M.S. degree in Cognitive Science**

The College of Liberal Arts on the Twin Cities campus requests approval to create a new Master of Science (M.S.) in Cognitive Science, effective fall 2018. The proposed program is primarily intended to serve as a terminal degree option for students enrolled in the Doctor of Philosophy (Ph.D.) program in Cognitive Sciences. As such, it introduces no new courses and enrolls no new students. The proposed program makes use of existing courses and resources.

▪ **College of Food, Agricultural, and Natural Resource Sciences, the College of Veterinary Medicine, and the School of Public Health (Twin Cities campus)—Create post-baccalaureate certificate in Integrated Food Systems Leadership**

The College of Food, Agricultural, and Natural Resource Sciences, the College of Veterinary Medicine, and the School of Public Health on the Twin Cities campus request approval to create a post-baccalaureate certificate in Integrated Food Systems Leadership, effective spring 2019. The proposed program is an interdisciplinary approach to food systems leadership for early-to-mid-career professionals in industry, academia, government agencies, and intergovernmental organizations who are involved in producing safe, affordable, and secure food while protecting public, animal, and environmental health. The proposed program makes use of existing courses and resources.

- **College of Liberal Arts and the College of Science and Engineering (Twin Cities campus)—Create graduate minor in Translational Sensory Sciences**

The College of Liberal Arts and the College of Science and Engineering on the Twin Cities campus request approval to create a new graduate minor in Translational Sensory Sciences, effective fall 2018. The proposed program provides a focused, multidisciplinary educational background to address critical challenges in the development of assistive technologies. The program will provide the educational background and research training to support students in careers focused on developing technologies that can meaningfully improve the lives of people with sensory disabilities. The proposed program makes use of existing courses and resources.

- **Medical School (Twin Cities campus)—Create graduate minor in Neuroscience**

The Medical School on the Twin Cities campus requests approval to create a new graduate minor in Neuroscience, effective fall 2018. The proposed program will provide an interdisciplinary approach to the study of the brain and nervous system. The program will provide a complementary academic experience that enhances the education of students in related fields. The proposed program makes use of existing courses and resources.

- **College of Education and Human Development (Twin Cities campus)—Create undergraduate minor in Learning Technologies**

The College of Education and Human Development on the Twin Cities campus requests approval to create a new undergraduate minor in Learning Technologies, effective fall 2018. The proposed program will provide a multi-disciplinary approach to the development, adoption, and diffusion of emerging online technologies to support education and learning in diverse contexts and professions. The program will provide a complementary academic experience that enhances the education of students in related fields. The proposed program makes use of existing courses and resources.

II. Request for Changes to Academic Programs

- **College of Food, Agricultural, and Natural Resource Sciences (Twin Cities campus)—Create a sub-plan in Molecular Plant Pathology within the Ph.D. degree in Plant Pathology**

The College of Food, Agricultural, and Natural Resource Sciences on the Twin Cities campus requests approval to create new a sub-plan in Molecular Plant Pathology within the Doctor of Philosophy (Ph.D.) degree in Plant Pathology, effective fall 2018. The proposed sub-plan emphasizes molecular approaches to investigating plant diseases and exploring emerging strategies for disease control. The proposed changes better reflect current curricular alignment and student demand.

- **College of Education and Human Development (Twin Cities campus)—Create sub-plan in Foundations of Special Education for Schools and Society within the B.S. degree in Special Education**

The College of Education and Human Development on the Twin Cities campus requests approval to create a new sub-plan in Foundations of Special Education for Schools and

Society within the Bachelor of Science (B.S.) degree in Special Education, effective fall 2018. The proposed sub-plan is for students interested in receiving expertise and experience in special education but who do not want to become licensed teachers. An additional track is available for students seeking licensure. The proposed changes better reflect current curricular alignment and student demand.

- **College of Education and Human Development (Twin Cities campus)—Change the name of the undergraduate certificate and minor in Coaching to Sports Coaching**

The College of Education and Human Development on the Twin Cities campus requests approval to change the name of the undergraduate certificate and minor in Coaching to Sports Coaching, effective spring 2019. The proposed name changes reflect current curricular alignment, the standards in the field, and student demand.

III. Request for Approval of Discontinued Academic Programs

- **College of Continuing and Professional Studies (Twin Cities campus)—Discontinue post-baccalaureate certificate in Transportation Studies**

The College of Continuing and Professional Studies on the Twin Cities campus requests approval to discontinue the postbaccalaureate certificate in Transportation Studies, effective fall 2018. There are no students currently enrolled in the program.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
July 11, 2018**

Consent Report

II. Request for Changes to Academic Programs

- **College of Science and Engineering (Twin Cities campus)—Create sub-plans in Bioelectricity/Bioinstrumentation, Biomaterials, Biomechanics, Biomedical Transport Process, Cell and Molecular Bioengineering, Cell and Tissue Engineering, Medical Device Design, and Neural Engineering within the Bachelor of Biomedical Engineering degree**

The College of Science and Engineering on the Twin Cities campus requests approval to create sub-plans in Bioelectricity/Bioinstrumentation, Biomaterials, Biomechanics, Biomedical Transport Process, Cell and Molecular Bioengineering, Cell and Tissue Engineering, Medical Device Design, and Neural Engineering within the Bachelor of Biomedical Engineering (B.Bm.E), effective fall 2018. The proposed changes better reflect current curricular alignment and student demand.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
September 13, 2018**

Consent Report

I. Request for Approval of New Academic Programs

▪ **Academic Health Center (Twin Cities campus)—Create Doctor of Occupational Therapy degree**

The Academic Health Center on the Twin Cities campus requests approval to create a new Doctor of Occupational Therapy (O.T.D.) degree, effective fall 2019. The proposed program is being created in response to new accreditation standards mandating that the entry-level degree requirement for occupational therapists will be at the doctoral level. The program will make use of existing courses and resources, and the existing Master of Occupational Therapy (M.O.T.) will be discontinued once currently enrolled students complete the program.

▪ **College of Continuing and Professional Studies (Twin Cities campus)—Create M.P.S. in Civic Engagement**

The College Continuing and Professional Studies on the Twin Cities campus requests approval to create and Master of Professional Studies (M.P.S.) degree in Civic Engagement, effective spring 2019. The proposed program serves adult students looking to broaden their professional managerial skills in social and civic issues. Areas of concentration in the program include civic life and social justice, global citizenship, and election administration. The election administration track is administered in conjunction with the Humphrey School of Public Affairs. The proposed program makes use of existing resources.

▪ **Medical School (Twin Cities campus)—Create graduate minor in Neuroscience**

The School of Public Health on the Twin Cities campus requests approval to create a graduate minor in Neuroscience, effective fall 2018. The proposed program provides experimental and analytical approaches to studying the interdisciplinary fields that make up the study of the brain and nervous system, including molecular and cell biology, behavioral biology, biochemistry, genetics, pharmacology, physiology, and psychology. The proposed program makes use of existing courses and resources.

▪ **School of Public Health (Twin Cities campus)—Create graduate minor in American Indian Public Health and Wellness**

The School of Public Health on the Twin Cities campus requests approval to create a graduate minor in American Indian Public Health and Wellness, effective fall 2018. The proposed program is designed to help students understand how to work respectfully and effectively with Tribes and American Indian communities, to understand the basis of health services, and study the implications of specific tribal (local and federal) law to help improve the health issues currently experienced by American Indians. The proposed program makes use of existing courses resources.

II. Request for Changes to Academic Programs

- **College of Education and Human Development (Twin Cities campus)—Create sub-plans in Developmental Science and Developmental Psychopathology and Clinical Science within the Ph.D. degree in Child Psychology**

The College of Education and Human Development on the Twin Cities campus requests approval to create sub-plans in Developmental Science and Developmental Psychopathology and Clinical Science within the Doctor of Philosophy (Ph.D.) degree in Child Psychology, effective spring 2019. The proposed sub-plans better reflect current curricular alignment and student demand.

- **College of Science and Engineering (Twin Cities campus)—Create integrated undergraduate/graduate programs between the B.S. and M.S. degree in Computer Science and the B.Comp.E. degree and the M.S. degree in Computer Science**

The College of Science and Engineering on the Twin Cities campus requests approval to create integrated undergraduate/graduate programs between with Bachelor of Science (B.S.) and Master of Science (M.S.) degrees in Computer Science, as well as the Bachelor of Computer Engineering (B.Comp.E.) and the Master of Science (M.S.) degree in Computer Science, effective fall 2018. Integrated degree programs allow eligible students to have a more seamless academic transition from the undergraduate degree program to the graduate degree program.

- **School of Public Health (Twin Cities campus)—Deliver the Clinical Research M.S. degree partially online**

The School of Public Health on the Twin Cities campus requests approval to deliver the Master of Science (M.S.) degree in Clinical Research partially online, effective fall 2018. The college has continually planned for and allocated resources to this means of program delivery. This better allows the college to serve current and prospective students.

III. Request for Approval of Discontinued Academic Programs

- **College of Science and Engineering (Twin Cities campus)—Discontinue M.S. degree and graduate minor in Environmental Restoration Engineering and Science**

The College of Science and Engineering on the Twin Cities campus requests approval to discontinue the Master of Science (M.S.) degree and graduate minor in Environmental Restoration Engineering and Science, effective fall 2018. There are no students currently enrolled in the program.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
October 11, 2018**

Consent Report

I. Request for Approval of New Academic Programs

- **College of Biological Sciences (Twin Cities campus)—Create undergraduate minor in Computational Biology**

The College of Biological Sciences on the Twin Cities campus requests approval to create an undergraduate minor in Computational Biology, effective spring 2019. The proposed program trains students in data analysis techniques related to biological research. The proposed program makes use of existing courses resources.

- **College of Biological Sciences (Twin Cities campus)—Create undergraduate minor in Cellular and Molecular Neuroscience**

The College of Biological Sciences on the Twin Cities campus requests approval to create an undergraduate minor in Cellular and Molecular Neuroscience, effective spring 2019. The proposed program gives students a background in these particular areas of neuroscience and prepares them for work in Medical School. The proposed program makes use of existing courses and resources.

- **Medical School (Twin Cities campus)—Create fellowship in Integrated Vascular Surgery**

The Medical School on the Twin Cities campus requests approval to create a fellowship in Integrated Vascular Surgery, effective summer 2019. The program will offer clinical, surgical, and research opportunities for fellows, including training in diagnosis, medical treatment, and reconstructive vascular surgical techniques. The proposed program makes use of existing resources.

- **Medical School (Twin Cities campus)—Create fellowship in Pediatric Obesity Medicine**

The Medical School on the Twin Cities campus requests approval to create a fellowship in Pediatric Obesity Medicine, effective summer 2019. The program will offer clinical, surgical, and research opportunities for fellows, while training them in the specialized, multidisciplinary therapies used to address childhood obesity, including behavioral, pharmacological, and surgical options. The proposed program makes use of existing courses and resources.

II. Request for Changes to Academic Programs

- **College of Biological Sciences (Twin Cities campus)—Change the name of the undergraduate minor in Neuroscience to Integrative Neuroscience**

The College of Biological Sciences on the Twin Cities campus requests approval to change the name of the undergraduate minor in Neuroscience to Integrative Neuroscience, effective spring 2019. The new name better reflects the program and distinguishes it from new and distinct program offerings.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
December 13, 2018**

Consent Report

I. Request for Approval of New Academic Programs

▪ **Medical School (Twin Cities campus)—Create fellowship in Neuropathology**

The Medical School on the Twin Cities campus requests approval to create a fellowship in Neuropathology, effective summer 2019. The proposed program trains fellows to address diseases of nervous system tissues and will work closely with neurology and neurosurgery. The program promotes excellence in clinical services and the adoption of innovative approaches to commonly-encountered clinical problems. The proposed program makes use of existing courses and resources.

II. Request for Changes to Academic Programs

▪ **College of Education and Human Development (Twin Cities campus)—Change the name of the M.A. degree in Child Psychology to Developmental Psychology**

The College of Education and Human Development on the Twin Cities campus requests approval to change the name of the Master of Arts (M.A.) degree in Child Psychology to Developmental Psychology, effective fall 2019. The proposed name change reflects current curricular alignment, as well as standards in the field.

III. Request for Approval of Discontinued Academic Programs

▪ **College of Education and Human Development (Twin Cities campus)—Discontinue M.A. degree and graduate minor in Multicultural Teaching and Learning**

The College of Education and Human Development on the Twin Cities campus requests approval to discontinue Master of Arts (M.A.) degree and graduate minor in Multicultural Teaching and Learning, effective summer 2019. This program shares content overlap with other existing programs, and potential students will be directed to other options. Faculty and staff will support currently enrolled students toward degree completion.

▪ **College of Education and Human Development (Twin Cities campus)—Discontinue B.S. degree in Recreation Administration**

The College of Education and Human Development on the Twin Cities campus requests approval to discontinue Bachelor of Science (B.S.) degree in Recreation Administration, effective spring 2020. There has been consistently low enrollment in this program and fields have evolved in other directions. Faculty and staff will support currently enrolled students toward degree completion.

- **College of Education and Human Development (Twin Cities campus)—Discontinue undergraduate minor in Outdoor Recreation and Education**

The College of Education and Human Development on the Twin Cities campus requests approval to discontinue the undergraduate minor Outdoor Recreation and Education, effective spring 2019. The minor was offered in conjunction with the Recreation Administration B.S. degree that is also being discontinued. Faculty and staff will support currently enrolled students toward degree completion.

- **College of Pharmacy (Twin Cities campus)—Discontinue graduate minor in Experimental and Clinical Pharmacology**

The College of Pharmacy on the Twin Cities campus requests approval to discontinue the graduate minor in Experimental and Clinical Pharmacology, effective spring 2019. There are no students currently enrolled in the program.

- **Medical School (Twin Cities campus)—Discontinue graduate minor in Rehabilitation Science**

The Medical School on the Twin Cities campus requests approval to discontinue the graduate minor in Rehabilitation Science, effective spring 2019. This field has been replaced by other areas of study. There are no students currently enrolled in the program.