

**University of Minnesota Board of Regents
Academic and Student Affairs Committee
February 9, 2017**

Consent Report

I. Request for Approval of New Academic Programs

▪ **Carlson School of Management (Twin Cities campus)—Create Doctor of Business Administration**

The Carlson School of Management on the Twin Cities campus requests approval to create a Doctor of Business Administration (D.B.A.) degree, effective spring 2017. The proposed program will be delivered in collaboration with Tsinghua University, China. The proposed program is an applied, professional doctoral program directed at high-level executives working in China and the surrounding region. The DBA will go beyond the MBA to prepare participants to better face challenges and pursue opportunities in a complex, global business environment. The program is a part-time, cohort-based program for fully-employed individuals.

Contact: Mike Houston (mhouston@umn.edu)

▪ **College of Science and Engineering (Twin Cities campus)—Create Post-baccalaureate certificate in Data Science and deliver online**

The College of Science and Engineering on the Twin Cities campus requests approval to create a post-baccalaureate certificate in Data Science and deliver this program online, effective fall 2017. The proposed program provides students a strong foundation in the science of Big Data and its analysis by gathering in a single program the knowledge, expertise, and educational assets in data collection and management, data analytics, scalable data-driven pattern discovery, and the fundamental concepts behind these methods. The proposed program makes use of existing courses and resources.

Contact: Jill Johnson (jill@umn.edu)

II. Request for Changes to Academic Programs

▪ **College of Education and Human Development (Twin Cities campus)—Create sub-plan in Prevention Science within the M.A. degree in Family Social Science**

The College of Education and Human Development on the Twin Cities campus requests approval to create a new sub-plan in Prevention Science within the Master of Arts (M.A.) degree in Family Social Science, effective fall 2017. The new sub-plan help students design and evaluate interventions, and utilize knowledge about them more strategically to reduce the incidence of unhealthy or maladaptive behavior, and to promote health and adaptive behavior in populations across the life span. The proposed change better reflects current curricular alignment and student demand.

Contact: Brianne Keeney (keen0113@umn.edu)

- **Carlson School of Management (Twin Cities campus)—Deliver the Master of Business Taxation partially online.**

The Carlson School of Management on the Twin Cities campus requests approval to deliver the Master of Business Taxation (M.B.T.) partially online, effective fall 2017. Online delivery will provide greater access for students in this program, who come from diverse professional background.

Contact: Christina Wiencke (choldvog@umn.edu)

- **College of Agricultural and Natural Resource Sciences (Twin Cities campus)—Move the academic home of the M.S. degree in Agricultural Education from The College of Education and Human Development to the College of Agricultural and Natural Resource Sciences**

The College of Agricultural and Natural Resource Sciences on the Twin Cities campus requests approval to move the academic home of the Master of Science (M.S.) degree in Agricultural Education from The College of Education and Human Development to the College of Agricultural and Natural Resource Sciences, effective spring 2017. This academic home will better accommodate the needs and interests of students pursuing this degree.

Contact: Brianne Keeney (keen0113@umn.edu) and Lisa Wiley (lwiley@umn.edu)

**University of Minnesota Board of Regents
Academic and Student Affairs Committee
May 11, 2017**

Consent Report

I. Request for Approval of New Academic Programs

▪ **Medical School (Twin Cities campus)—Create residency in Interventional Radiology Independent**

The Medical School on the Twin Cities campus requests approval to create a residency in Interventional Radiology, effective summer 2017. This ACGME-accredited program can be completed in two years. The proposed program develops skills in image interpretation, image-guided interventions, radiation safety, and peri-procedural care. Training will take place primarily at the University of Minnesota Health clinics and hospital. The program will include clinical experience, as well as didactic, research, and teaching components.

▪ **Medical School (Twin Cities campus)—Reinstate M.S. degree in Surgery**

The Medical School on the Twin Cities campus requests approval to reinstate the Master of Science (M.S.) degree in Surgery, effective summer 2017. Various factors have led faculty to call for the reinstatement of the previously discontinued program, including: increased interest by surgery residents, fellowship program admission requirements, and more emphasis on research-based degrees by students in concurrent programs. The proposed program makes use of existing courses and resources.

▪ **College of Education and Human Development (Twin Cities campus)—Create a M.Ed. degree in Physical Activity and Health and deliver the degree partially online**

The College of Education and Human Development on the Twin Cities campus requests approval to create a Master of Education (M.Ed.) degree in Physical Activity and Health and deliver the degree partially online, effective fall 2017. The proposed program will prepare professionals trained in the science of physical activity and its promotion. Graduates will play an integral role as a physical activity specialist on interdisciplinary teams aimed at the promotion of healthy lifestyles and the prevention and control of chronic diseases at the population levels. The proposed program is the first of its kind in the state of Minnesota and makes use of existing courses and resources.

▪ **College of Veterinary Medicine (Twin Cities campus)—Create post-baccalaureate certificate in Veterinary Medical Education and deliver the program online**

The College of Veterinary Medicine on the Twin Cities campus requests approval to create an post-baccalaureate certificate in Veterinary Medical Education and deliver the program online, effective fall 2017. The proposed program will provide students with the essential knowledge and skills related to education in veterinary medicine, such as curricular development, assessment, educational research, learning theory, and teaching basics. The proposed program makes use of existing courses and resources.

- **Humphrey School of Public Affairs (Twin Cities campus)—Create undergraduate certificate in Election Administration and deliver online**

The Humphrey School of Public Affairs on the Twin Cities campus requests approval to create an undergraduate certificate in Election Administration and deliver this program online, effective fall 2017. The proposed program is directed at professional election officials across the country who are preparing for advanced careers in election operations and procedures. This certificate is partnered with the post-baccalaureate certificate already offered by the Humphrey School and makes use of existing courses and resources.

- **College of Education and Human Development (Twin Cities campus)—Create undergraduate minor in Family and Community Engagement**

The College of Education and Human Development on the Twin Cities campus requests approval to create an undergraduate minor in Family and Community Engagement, effective fall 2017. The proposed program will prepare students for nonprofit management, community development, program development and evaluation while supporting families navigating systems such as schools and hospitals. The proposed program is part of a larger curriculum redesign and makes use of existing courses and resources.

- **College of Education and Human Development (Twin Cities campus)—Create undergraduate minor in Family Financial Studies**

The College of Education and Human Development on the Twin Cities campus requests approval to create an undergraduate minor in Family Financial Studies, effective fall 2017. The proposed program will prepare students to work with families on financial issues as a financial coach, specifically within the context of family therapy and family and community engagement. The proposed program is part of a larger curriculum redesign and makes use of existing courses and resources.

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

The College of Education and Human Development on the Twin Cities campus requests approval to create an undergraduate minor in Family Therapy, effective fall 2017. The proposed program will prepare students for clinical work supporting family needs and structures at the baccalaureate level or for application to graduate certification programs. The proposed program is part of a larger curriculum redesign and makes use of existing courses and resources.

- **College of Education and Human Development (Twin Cities campus)—Create undergraduate minor in Racial Justice in Urban Schooling**

The College of Education and Human Development on the Twin Cities campus requests approval to create an undergraduate minor in Racial Justice in Urban Schooling, effective fall 2017. The proposed program will develop expertise in recognizing educational practices that marginalize students from non-dominant social groups and will provide alternative curricula and pedagogies to encourage student success. The proposed program is part of a larger curriculum redesign and makes use of existing courses and resources.

II. Request for Changes to Academic Programs

- **Academic Health Center (Twin Cities campus)—Create sub-plans in Clinical Informatics, Data Science and Informatics for Learning Health Systems, Translational Bioinformatics, and Precision and Personalized Medicine Informatics within the Ph.D. degree in Health Informatics**

The Academic Health Center on the Twin Cities campus requests approval to create new sub-plans in Clinical Informatics, Data Science and Informatics for Learning Health Systems, Translational Bioinformatics, and Precision and Personalized Medicine Informatics within the Doctor of Philosophy (Ph.D.) degree in Health Informatics, effective fall 2017. The proposed changes better reflect current curricular alignment and student demand.

- **College of Education and Human Development (Twin Cities campus)—Create sub-plans in Foundations of Education and Individualized Studies within the B.S. degree in Early Childhood**

The College of Education and Human Development on the Twin Cities campus requests approval to create new sub-plans in Foundations of Education and Individualized Studies within the Bachelor of Science (B.S.) degree in Early Childhood, effective fall 2017. The proposed changes better reflect current curricular alignment and student demand.

- **College of Food, Agricultural, and Natural Resource Sciences (Twin Cities campus)—Move the academic home of the Wildlife Ecology and Management sub-plan to the Conservation Sciences program**

The College of Food, Agricultural, and Natural Resource Sciences on the Twin Cities campus requests approval to move the academic home of the Wildlife Ecology and Management sub-plan to the Conservation Sciences program, effective fall 2017. The proposed changes better reflect current curricular alignment and student demand.

- **Office of Undergraduate Education (Twin Cities campus)—Move the academic home of the undergraduate minor in Leadership from The College of Education and Human Development and the Humphrey School of Public Affairs to Undergraduate Education**

The Office of Undergraduate Education on the Twin Cities campus requests approval to move the academic home of the undergraduate minor in Leadership from the College of Education and Human Development and the Humphrey School of Public Affairs to the Office of Undergraduate Education, effective fall 2017. This academic home will better accommodate the needs and interests of students pursuing this degree.

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

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 Applied Developmental Psychology to Applied Child and Adolescent Development, effective fall 2017. The proposed name change better reflects curricular content and new directions in the field.

- **College of Food, Agricultural, and Natural Resource Sciences (Twin Cities campus)—Change the name of sub-plan in Fisheries to Fisheries and Aquatic Sciences within the Fisheries, Wildlife, and Conservation Biology B.S.**

The College of Food, Agricultural, and Natural Resource Sciences on the Twin Cities campus requests approval to change the name of sub-plan in Fisheries to Fisheries and Aquatic Sciences within the Fisheries, Wildlife, and Conservation Biology Bachelor of Science (B.S.) degree, effective fall 2017. The proposed name change better reflects curricular content and new directions in the field.

- **School of Nursing (Twin Cities campus)—Change the name of the post-baccalaureate certificate in Pediatric Nurse Practitioner to Pediatric Primary Care Nurse Practitioner**

The School of Nursing on the Twin Cities campus requests approval to change the name of the post-baccalaureate certificate in Pediatric Nurse Practitioner to Pediatric Primary Care Nurse Practitioner, effective fall 2017. The proposed name change reflects new accreditation requirements.

- **School of Nursing (Twin Cities campus)—Change the name of the post-baccalaureate certificate in Adult Health/Gerontological Nurse Practitioner to Adult/Gerontological Primary Care Nurse Practitioner**

The School of Nursing on the Twin Cities campus requests approval to change the name of the post-baccalaureate certificate in Adult Health/Gerontological Nurse Practitioner to Adult/Gerontological Primary Care Nurse Practitioner, effective fall 2017. The proposed name change reflects new accreditation requirements.

- **School of Nursing (Twin Cities campus)—Change the name of sub-plans in Adult Health/Gerontological Nurse Practitioner and Pediatric Nurse Practitioner to Adult/Gerontological Primary Care Nurse Practitioner and Pediatric Primary Care Nurse Practitioner within the Doctor of Nursing Practice degree**

The School of Nursing on the Twin Cities campus requests approval to change the name of sub-plans in Adult Health/Gerontological Nurse Practitioner and Pediatric Nurse Practitioner to Adult/Gerontological Primary Care Nurse Practitioner and Pediatric Primary Care Nurse Practitioner within the Doctor of Nursing Practice (DNP) degree, effective fall 2017. The proposed name change reflects new accreditation requirements.

III. Request for Approval of Discontinued Academic Programs

- **College of Liberal Arts (Twin Cities campus)—Discontinue the undergraduate minor in Danish**

The College of Liberal Arts on the Twin Cities campus requests approval to discontinue the undergraduate minor in Danish, effective summer 2017. Enrollments declined over time and Danish has not been offered in many years. Students wishing to pursue the study of Danish language and culture may do so by participating in Big Ten Alliance Courseshare opportunities.

**University of Minnesota Board of Regents
Academic and Student Affairs Committee
June 8, 2017**

Consent Report

I. Request for Approval of New Academic Programs

▪ **Medical School (Twin Cities campus)—Create fellowship in Laboratory Genetics and Genomics**

The Medical School on the Twin Cities campus requests approval to create a residency in Laboratory Genetics and Genomics, effective summer 2017. This program can be completed in three years. Training will take place primarily at the University of Minnesota Health clinics and hospital. The program will include clinical experience, as well as didactic, research, and teaching components.

▪ **College of Design (Twin Cities campus)—Create undergraduate minor in Public Interest Design**

The College of Design on the Twin Cities campus requests approval to create an undergraduate minor in Public Interest Design, effective fall 2017. The proposed program will prepare students to study human-centered and participatory design practices that address ecological, economic, cultural, and social issues in design and design-related fields. The proposed program is part of a larger curriculum redesign and makes use of existing courses and resources.

▪ **College of Education and Human Development (Twin Cities campus)—Create undergraduate minor in Health and Wellness Promotion**

The College of Education and Human Development on the Twin Cities campus requests approval to create an undergraduate minor in Health and Wellness Promotion, effective spring 2018. The proposed program allows students from various disciplines to explore physical activity, as well as personal health and wellness promotion in ways that can be integrated with their main program of study. The proposed program is part of a larger curriculum redesign and makes use of existing courses and resources.

▪ **School of Public Health (Twin Cities campus)—Create graduate minor in Sexual Health**

The School of Public Health on the Twin Cities campus requests approval to create a graduate minor in Sexual Health effective fall 2017. The proposed program will provide students with content expertise and analytical skills relating to the study of sex, sexuality, reproductive health and sexual health within the context of their larger program of study. The proposed program is part of a larger curriculum redesign and makes use of existing courses and resources.

- **Swenson College of Science and Engineering (Duluth campus)—Create B.S. degree in Engineering Physics**

The Swenson College of Science and Engineering on the Duluth campus requests approval to create a Bachelor of Science (B.S.) degree in Engineering Physics, effective fall 2017. The proposed program combines the study of physics, engineering, and math, allowing students broad, practical application of a variety of fields. Students will be prepared for more in-depth study of various areas of engineering, as well as career paths in research and development, design, and analysis. The proposed program makes use of existing courses and resources.

- **The Crookston Campus—Create an undergraduate Honors program**

The Crookston campus requests approval to create an undergraduate Honors program, effective fall 2017. The proposed program will require a student application process, and successful completion will include maintenance of a 3.3 overall GPA, as well as the creation of original scholarship. The proposed program makes use of existing courses and resources.

II. Request for Changes to Academic Programs

- **Academic Health Center (Twin Cities campus)—Create sub-plans in Translational Bioinformatics, and Precision and Personalized Medicine Informatics within the M.S. degree in Health Informatics**

The Academic Health Center on the Twin Cities campus requests approval to create new sub-plans in Translational Bioinformatics, and Precision and Personalized Medicine Informatics within the Master of Science (M.S.) degree in Health Informatics, effective fall 2017. The proposed changes better reflect current curricular alignment and student demand.

- **Medical School (Twin Cities campus)—Reinstate M.S. degree in Surgery**

The Medical School on the Twin Cities campus requests approval to reinstate the Master of Science (M.S.) degree in Surgery, effective summer 2017. Various factors have led faculty to call for the reinstatement of the previously discontinued program, including: increased interest by surgery residents, fellowship program admission requirements, and more emphasis on research-based degrees by students in concurrent programs. The proposed program makes use of existing courses and resources.

- **The Crookston Campus—Deliver the B.S. and undergraduate minor in Agricultural Business online**

The Crookston campus requests approval to deliver the Bachelor of Science (B.S.) degree and undergraduate minor in Agricultural Business online, effective fall 2018. The proposed online delivery will better meet the needs of students enrolled in these existing programs.

- **College of Liberal Arts and the School of Public Health (Twin Cities campus)—Create sub-plans for joint bachelors/masters programs within the B.A. and B.S. degrees in Statistical Practice and the M.S. degree in Biostatistics**

The College of Liberal Arts and the School of Public Health on the Twin Cities campus request approval to create new sub-plans for joint bachelors/masters degrees within the Bachelor of Arts (B.A.) and Bachelor of Science (B.S.) degrees in Statistical Practice and the Master of Science (M.S.) degree in Biostatistics, effective fall 2017. The programs have worked together to provide a seamless program for potential students, accounting for advising needs and general academic trajectory. The proposed program makes use of existing courses and resources.

- **College of Biological Sciences (Twin Cities campus)—Change the name of the B.S., M.S., Ph.D., and graduate minor in Plant Biology to Plant and Microbial Biology**

The College of Biological Sciences on the Twin Cities campus requests approval to change the name of the Bachelor of Science (B.S.), Master of Science (M.S.), and Doctor of Philosophy (Ph.D.) degrees, as well as the graduate minor in Plant Biology to Plant and Microbial Biology, effective fall 2017. The proposed name change better reflects curricular content and new directions in the field.

III. Request for Approval of Discontinued Academic Programs

- **College of Liberal Arts (Duluth campus)—Discontinue the undergraduate minor in Ojibwe Language**

The College of Liberal Arts on the Duluth campus requests approval to discontinue the undergraduate minor in Ojibwe Language, effective fall 2017. Enrollments have declined over time. Faculty and staff will support currently enrolled students toward degree completion.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
September 7, 2017**

Consent Report

I. Request for Approval of New Academic Programs

- **College of Continuing Education—Create post-baccalaureate certificate in Human Sexuality and deliver it online**

The College of Continuing Education on the Twin Cities campus requests approval to create a post-baccalaureate certificate in Human Sexuality and deliver the program online, effective spring 2018. The proposed program focuses on human sexuality and associated gender roles as they relate to health care and education about individual sexual behavior. The program provides additional training for clinical, occupational, educational, and research professionals and is managed in conjunction with the Medical School. 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 integrated B.S./M.S. in Plant Science and Applied Plant Sciences**

The College of Food, Agricultural and Natural Resource Sciences on the Twin Cities campus requests approval to create an integrated degree between the Bachelor of Science (B.S.) degree in Plant Science and the Master of Science (M.S.) in Applied Plant Sciences, effective fall 2017. The proposed program will strive to retain current University of Minnesota—Twin Cities students while offering them an opportunity to complete a bachelor's and a master's degree in five years. The proposed program makes use of existing courses and resources.

- **College of Science and Engineering and the Medical School (Twin Cities campus)—Create integrated B.Bm.E./M.S. in Rehabilitation Science**

The College of Science and Engineering and the Medical School on the Twin Cities campus requests approval to create an integrated degree between the Bachelor of Biomedical Engineering (B.Bm.E.) degree and the Master of Science (M.S.) in Rehabilitation Science, effective fall 2017. The proposed program will strive to retain current University of Minnesota—Twin Cities students while offering them an opportunity to complete a bachelor's and a master's degree in five years. The proposed program makes use of existing courses and resources.

- **College of Science and Engineering (Twin Cities campus)—Create sub-plan in Analytics within the M.S.I.S.Y.E. degree**

The College of Science and Engineering on the Twin Cities campus requests approval to create a new sub-plan in Analytics within the Master of Science in Industrial and Systems Engineering (M.S.I.S.Y.E.) degree, effective fall 2018. The sub-plan provides an emphasis on moving from data collection and analysis to modeling, optimization, and decision-making within the Industrial and Systems Engineering field. The proposed changes better reflect current curricular alignment.

- **College of Food, Agricultural and Natural Resource Sciences (Twin Cities campus)—Discontinue sub-plan in Corporate Environmental Management within the B.S. degree in Environmental Sciences, Policy and Management**

The College of Food, Agricultural and Natural Resource Sciences on the Twin Cities campus requests approval to discontinue the sub-plan in Corporate Environmental Management within the Bachelor of Science (B.S.) degree in Environmental Sciences, Policy and Management, effective fall 2017. The development of the Sustainable Systems Management program provides broader and deeper knowledge and skills for students interested in this field.

III. Request for Approval of Discontinued Academic Programs

- **College of Education and Human Development (Twin Cities campus)—Discontinue the post-baccalaureate certificate in Applied Developmental Psychology**

The College of Education and Human Development on the Twin Cities campus requests approval to discontinue the post-baccalaureate certificate in Applied Developmental Psychology, effective fall 2017. No students are enrolled in the program, and other initiatives and curricular options exist that satisfy similar themes.

- **School of Public Health (Twin Cities campus)—Discontinue the post-baccalaureate certificate in Aging Studies**

The School of Public Health on the Twin Cities campus requests approval to discontinue the post-baccalaureate certificate in Aging Studies, effective fall 2017. No students are enrolled in the program, and other initiatives and curricular options exist that satisfy similar themes.

- **School of Public Health (Twin Cities campus)—Discontinue the post-baccalaureate certificate in Public Health Informatics**

The School of Public Health on the Twin Cities campus requests approval to discontinue the post-baccalaureate certificate in Public Health Informatics, effective fall 2017. No students are enrolled in the program, and other initiatives and curricular options exist that satisfy similar themes.

- **School of Public Health (Twin Cities campus)—Discontinue the minor in Gerontology**

The School of Public Health on the Twin Cities campus requests approval to discontinue the minor in Gerontology, effective fall 2017. No students are enrolled in the program, and other initiatives and curricular options exist that satisfy similar themes.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
October 12, 2017**

Consent Report

I. Request for Approval of New Academic Programs

- **Carlson School of Management (Twin Cities campus)—Create graduate minor in Business Management**

The Carlson School of Management on the Twin Cities campus requests approval to create a graduate minor in Business Management, effective spring 2018. This proposed minor consists of foundation and elective courses that will provide graduate students with a solid understanding of key business disciplines. The minor is flexible and designed to suit the general needs and interests of potential students. The proposed program makes use of existing courses and resources.

**University of Minnesota Board of Regents
Mission Fulfillment Committee
December 14, 2017**

Consent Report

I. Request for Approval of New Academic Programs

- **College of Biological Sciences (Twin Cities campus)—Create B.S. degree in Physiology**

***(**PENDING SUCCESSFUL RESOLUTION OF
CURRENT PROCESSES AND CONVERSATIONS**)***

The College of Biological Sciences on the Twin Cities campus requests approval to create a Bachelor of Science (B.S.) degree in Physiology, effective fall 2018. The proposed program is designed to study how biological systems function and is a broad-based major that incorporates a collaboration of biological disciplines. This interdisciplinary program encompasses the physiology of organisms in all domains of life, from microorganisms to plants, fungi, animals, and humans. 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)—Deliver the post-baccalaureate certificate in Infant and Early Childhood Mental Health online**

The College of Education and Human Development on the Twin Cities campus requests approval to deliver the post-baccalaureate certificate in Infant and Early Childhood Mental Health online, effective fall 2018. The proposed online delivery makes the program more accessible to working professionals.

- **College of Design (Twin Cities campus)—Discontinue sub-plans in Landscape Planning and Landscape Design within the B.E.D. degree in Landscape Design and Planning**

The College of Design on the Twin Cities campus requests approval to discontinue the sub-plan in in Landscape Planning and Landscape Design within the Bachelor of Environmental Design (B.E.D.) degree in Landscape Design and Planning, effective fall 2018. The proposed change is in response to the development of a more comprehensive curriculum for all students.