



# Board of Regents

May 2018

May 11, 2018

9:00 a.m. - 12:00 p.m.

Boardroom, McNamara Alumni Center

## BOR - MAY 2018

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## BOARD OF REGENTS DOCKET ITEM SUMMARY

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Board of Regents

May 11, 2018

**AGENDA ITEM:** Distinguished McKnight University Professor Awards

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Discussion

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*This is a report required by Board policy.*

**PRESENTERS:** President Eric W. Kaler  
Karen Hanson, Executive Vice President and Provost

### PURPOSE & KEY POINTS

To recognize the 2018 Distinguished McKnight University Professors:

**David A. Chang, History, College of Liberal Arts, Twin Cities**  
***Indigenous People, Global Visions: Transforming Understandings of Nations and Empires through Indigenous History***

David A. Chang has moved the fields of American history and global history dramatically forward, revealing the complexity of Native people's intellectual engagements with global currents, and demonstrating how indigenous people's relations with colonizers shaped the development of the United States' boundaries, economy, and identity. Over the course of two award-winning books and over a dozen articles in leading journals, he has expanded the field and range of Indigenous studies by pushing beyond disciplinary boundaries.

**Martin Greven, Physics & Astronomy, College of Science & Engineering, Twin Cities**  
***Deciphering the complex properties of unconventional superconductors***

Martin Greven's research focuses on the experimental study of copper-oxide superconductors, one of the most active research fields in physics during the past three decades. Such superconductors have significant technological potential, yet their enigmatic properties defy conventional wisdom. Greven has pioneered the growth of pristine crystals of the most desirable of these quantum materials and made several breakthrough discoveries regarding their electromagnetic properties using a variety of experimental techniques.

**Satish Kumar, Chemical Engineering and Materials Science, College of Science & Engineering, Twin Cities**

***The Engineering Science of Liquid-Phase Materials Processing***

Materials in a liquid state must be extruded, molded, spread, and dried to manufacture a wide range of products such as coatings, films, and fibers, as well as biomedical, mechanical, and electronic devices. Kumar's research uses a combination of theory and experiment to address fundamental issues that are central to understanding, designing, and optimizing these materials processing

operations. Working with industrial partners, Kumar formulates and studies problems to advance both fundamental understanding and industrial practice.

**Glenn I. Roisman, Child Development, College of Education & Human Development, Twin Cities**

***The Enduring Legacy of Early Interpersonal Experiences***

Roisman has spent his distinguished career extending into adulthood landmark longitudinal studies of human development that span the life-course. Leveraging these unique datasets and innovative statistical methods, his contributions reveal: (a) *in which domains*, (b) *through what mechanisms*, and (c) *for whom* early relationship experiences endure in their impacts. His current work is illuminating how childhood experiences support or undermine adults' *physical health* via studies that disambiguate the effects of social experiences from genetics.

**Michael Travisano, Ecology, Evolution & Behavior, College of Biological Sciences, Twin Cities**

***The Origins of Biological Innovation***

Innovation in biological systems is the fundamental basis for life, and is responsible for its complexity and diversity. Travisano's research is focused on understanding the origins of biological innovation experimentally. He investigates innovations at different levels of organization in laboratory experiments with microbes. Current research concentrates on the origins of gene function, multicellularity and life itself. This research changes how we view living systems and opens opportunities for innovation in antibiotics and understanding disease.

**Natalia Tretyakova, Medicinal Chemistry, College of Pharmacy, Twin Cities**

***Environmental DNA damage and its role in disease***

Natalia Tretyakova's research is focused on advancing the frontiers of environmental health and medicine. She has made breakthrough discoveries of the mechanisms of epigenetic deregulation and cancer causing mutations associated with environmental exposure and lifestyle factors. Natalia has pioneered novel methodologies to detect DNA damage, evaluated the ability of altered DNA bases to induce genetic mutations, and developed DNA based biomarkers of cancer risk. Her work has advanced our understanding of the role of DNA damage in human disease, informing future strategies for improving human health.

**BACKGROUND INFORMATION**

The Distinguished McKnight University Professor Awards recognize and reward the University's most outstanding mid-career faculty. Recipients are honored with the title Distinguished McKnight University Professor, which they will hold for as long as they remain at the University. The grant associated with the Professorship consists of \$100,000 to be expended over five years. The winners were chosen on the merit of their scholarly achievements and the potential for greater attainment in the field; the extent to which their achievements have brought distinction to the University of Minnesota; the quality of their teaching and advising; and their contributions to the wider community.





# BOARD OF REGENTS DOCKET ITEM SUMMARY

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Board of Regents

May 11, 2018

**AGENDA ITEM:** Recognition of McKnight Land-Grant Professors

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*This is a report required by Board policy.*

**PRESENTERS:**

President Eric W. Kaler

Karen Hanson, Executive Vice President and Provost

## PURPOSE & KEY POINTS

To recognize the 2018 McKnight Land-Grant Professors:

**Mehmet Akçakaya, Electrical & Computer Engineering, College of Science & Engineering, Twin Cities**

***Transforming healthcare and biomedical sciences with fast high-precision Magnetic Resonance Imaging***

Magnetic Resonance Imaging (MRI) is a non-invasive and radiation-free medical imaging technology that has found immense utility in the diagnosis of numerous diseases and biomedical research, for instance in understanding the human brain. Despite its advantages, MRI still faces major challenges in acquisition duration, necessitating trade-offs in spatial and temporal resolutions. Mehmet's research develops transformative new methods for fast high-precision MRI to enable the visualization of structures that cannot be characterized with current technology.

**Elaine Auyoung, English, College of Liberal Arts, Twin Cities**

***How stories fit the mind: The human scale of narrative design***

Elaine Auyoung uses cognitive research on reading to uncover the relationship between narrative technique and literary experience. Her current book project explores and illuminates cognitive biases that have shaped longstanding narrative conventions. By demonstrating how the stories we tell ourselves can delimit our capacity to understand the world, this project seeks to cultivate broader critical awareness about the habits of mind that hinder us from comprehending and addressing global challenges.

**Ran Blekhman, Genetics, Cell Biology & Development, College of Biological Sciences, Twin Cities**

***Using genomics to understand how the microbiome impacts human health***

The microbial communities that colonize the human body are involved in many human diseases. Since the same diseases are also affected by human genes, characterizing the interplay between the microbiome and human genetics is central to understanding human biology and disease. Ran Blekhman utilizes high-throughput genomic technologies and advanced analytical approaches to

integrate human and microbiome genomic big data, with the goal of understanding how the microbiome affects disease and developing microbiome-based therapies.

**Filippo Coletti, Aerospace Engineering & Mechanics, College of Science & Engineering, Twin Cities**

***Transport of airborne particles inside our lungs and around us***

Respiratory disease is the second leading cause of death worldwide, and is often initiated by the exposure to airborne pollutants. Understanding how microscopic particles travel in air and inside our airways is therefore of paramount importance. Filippo Coletti uses high-speed laser imaging to track suspended particles, and medical imaging to follow their path in 3D printed replicas of human lungs. This is shedding new light on how air quality impacts our health.

**Katherine Gerbner, History, College of Liberal Arts, Twin Cities**

***Constructing religion, defining crime: Slavery, power, and belief***

Religious freedom is one of the founding principles of American democracy. But modern ideas about religion and freedom emerged within a colonial slave society. As Gerbner's research shows, under the institution of slavery, some religious practices were deemed legitimate while others were criminalized. Recognizing the complex dynamic between race, belief, and danger shows that we must examine the history of slavery in order to understand the meaning of religion and the concept of religious freedom.

**Esther Krook-Magnuson, Neuroscience, Medical School, Twin Cities**

***Understanding and harnessing the strength of neuronal diversity through selective neuromodulation***

The brain is composed of circuits, elegantly connected and displaying diversity in their elements. Krook-Magnuson's research uses cutting-edge techniques to improve our understanding of neuronal connectivity and diversity in health and disease, and to then use this information to design intervention strategies for neurological disorders, including epilepsy.

**G.-H. Crystal Ng, Earth Sciences, College of Science & Engineering, Twin Cities**

***Integrated hydrological sciences to prepare society for local and global change***

The interaction of freshwater systems with biogeochemical cycling, climate, and vegetation has a profound effect on local to global water resources and security. Ng employs computational models that connect underground water-system dynamics with environmental factors and she develops novel statistical approaches to merge models with observations, generating societally-relevant predictions. Ng investigates sulfur cycling in wetlands, social-biophysical perspectives on wild rice aquatic habitats, sources and consequences of arsenic contamination, and eco-hydrological modeling.

**Byron A. Steinman, Earth & Environmental Sciences, Swenson College of Science & Engineering, Duluth**

***Investigating the patterns, drivers, and uncertainties of climate change using geological archives, models, and observations***

Byron Steinman investigates climate/environmental change through the development of sediment based paleoclimate records and the analysis of observational and model data. His research group is focused on producing a broad spatiotemporal perspective on terrestrial climate change and assessing the influence of internal processes (e.g. El Niño) that drive observed patterns of climate variability. He is principally focused on improving methods for identifying climate signals in observational data and refining interpretations of paleoclimate records.

**Ian A. Tonks, Chemistry, College of Science & Engineering, Twin Cities**

***Enabling sustainable chemistry through catalysis with Earth-abundant metals***

Resource scarcity and environmental pollution are significant challenges facing society. Developing new processes that utilize renewable chemical feedstocks and environmentally benign reagents is of paramount importance to overcoming them. The Tonks group is creating organometallic catalysts (molecules that promote or accelerate chemical reactions) based on earth-abundant, nontoxic metals like titanium. These are used in reactions with renewable feedstocks such as biomass (corn, switchgrass) and carbon dioxide to make complex molecules such as pharmaceuticals and plastics.

**BACKGROUND INFORMATION**

The McKnight-Land Grant Professors are junior scholars chosen for their potential for important contribution to their field; the degree to which their past achievements and current ideas demonstrate originality, imagination, and innovation; the significance of their research; and the potential for attracting outstanding students. Recipients are honored with the title McKnight Land-Grant Professor, a special award that they will hold for two years. The award consists of a research grant in each of two years, summer support, and a research leave in the second year.



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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**Board of Regents**

**May 11, 2018**

**AGENDA ITEM:** Recognition of McKnight Presidential Fellows

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*This is a report required by Board policy.*

**PRESENTERS:**

President Eric W. Kaler  
Karen Hanson, Executive Vice President and Provost

## **PURPOSE & KEY POINTS**

To recognize the 2018 McKnight Presidential Fellows:

### **Daheia J. Barr-Anderson, Kinesiology, College of Education & Human Development, Twin Cities**

Daheia Barr-Anderson's research focuses on physical activity, sedentary behaviors, and obesity prevention in children and adolescents, especially African-American females. Her research examines multi-level factors that influence physical activity among youth and is testing the efficacy of community and family-based interventions designed to increase physical activity and improve nutrition among sedentary individuals. Barr-Anderson is also exploring how factors within the home activity and food environments interact with individual and interpersonal factors to contribute to overweight and obesity in children, adolescents, and their families.

### **Gordon Burtch, Information & Decision Sciences, Carlson School of Management, Twin Cities**

Gordon Burtch does pioneering work on the topic of online crowdfunding. His research explores and quantifies the influence and economic impact of social mechanisms on individual participation in, and contributions toward, online venues. His work has explored the antecedents and economic consequences of peer influence and individual anonymity amongst contributors, as well as the impact of supplying users with website anonymity features. His work on user-generated content (UGC) has explored the impacts of platform policy and design interventions that interact with social mechanisms, like social norms and social presence, to influence the volume and characteristics of UGC, such as online reviews.

### **David J. Flannigan, Chemical Engineering & Materials Science, College of Science & Engineering, Twin Cities**

David Flannigan is the leading inventor and pioneer of time-resolved, ultrafast electron microscopy (UEM), a technique that is revolutionizing our understanding of the atomic scale structure of materials. One of his important breakthroughs is the direct imaging of lattice phonons (vibrations) in semiconductors. Phonons are responsible for acoustic and thermal energy transport in materials. Flannigan's UEM allows them to be visualized for the first time, opening up the possibility of

directly probing how nanoscopic defects such as dislocations, inclusions, and grain boundaries – which are ubiquitous in real materials – impact the flow of energy.

**Michael Gallope, Cultural Studies & Comparative Literature, College of Liberal Arts, Twin Cities**

Michael Gallope has established a distinguished record of academic achievement for his work in the areas of music, philosophy, and the cultural history of the avant-garde. Gallope's recent book, *Deep Refrains: Music, Philosophy, and the Ineffable* (2017), has been described as an "impressive tour de force" and as reframing "music's contribution to critical discourse and humanistic inquiry." By examining modern European philosophers' writings on music in a way that spans traditional boundaries, Gallope's work elucidates the surprising centrality of music and sound to twentieth-century critiques of modern life.

**William C. Pomerantz, Chemistry, College of Science & Engineering, Twin Cities**

Will Pomerantz's research addresses a longstanding question in chemical biology, which is whether protein-protein interactions (PPIs), which play an essential part in biological processes and human disease, can be affected by drugs. His research program seeks to understand the details of PPIs, with a focus on improving our knowledge of macromolecular recognition events. Pomerantz uses a multi-pronged approach to inhibit PPIs and develop new synthetic molecules to both image and disrupt harmful PPIs, with applications to the treatment of cancer.

**BACKGROUND INFORMATION**

The McKnight Presidential Fellows Program is a three-year award given to exceptional faculty who have recently been considered for tenure and promotion to associate professor, to recognize their accomplishments and support their ongoing research and scholarship.



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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Board of Regents

May 11, 2018

**AGENDA ITEM** National Academy Members and Other Major Faculty Awards

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*This is a report required by Board policy.*

**PRESENTERS:**

President Eric W. Kaler  
Karen Hanson, Executive Vice President and Provost

**PURPOSE & KEY POINTS**

To recognize recent inductees into national academies and recipients of other major faculty awards.

**American Academy of Arts and Sciences**

- **Ruth Shaw, Professor, Ecology, Evolution and Behavior, College of Biological Sciences, Twin Cities**  
Shaw studies ongoing evolution in plant populations. Her findings are used by state agencies to inform conservation and land management work. Adaptation to climate change and evolutionary consequences of severe fragmentation of plant populations are major themes in Shaw's research, which focuses on clarifying the dynamics of evolutionary change in nature using a combination of quantitative genetics, population biology, and field experiments.

**Andrew Carnegie Fellowship**

- **Erika Lee, Professor, History, College of Liberal Arts, and Director of the Immigration History Research Center, Twin Cities**  
Lee's recognition will provide her with \$200,000 over a two-year period to support her research and the eventual publication of a book entitled *Fear of the Stranger: A History of American Xenophobia*. Inspired by today's divisive debates over immigration, the book explores the history of xenophobia in the U.S. from the colonial era to the present and underscores how anti-immigrant sentiment not only threatens the lives and livelihoods of immigrants and refugees, but also endangers American democracy. The book's publication is expected to coincide with the 2020 presidential elections.

## Guggenheim Foundation Fellowship

- **Carl Elliott, Professor, Center for Bioethics and Pediatrics, Medical School, Twin Cities**  
Elliott is also an affiliate faculty member in the Department of Philosophy and the Hubbard School of Journalism and Mass Communications in the College of Liberal Arts. His scholarship has focused on the intersection of philosophy and ethics in medical research. During his Guggenheim Fellowship term, Elliott, who has authored or edited seven books, will be working on a book on human subjects research scandals exposed by whistleblowers in four different countries.
- **Christy Haynes, Professor, Chemistry, College of Science and Engineering and Associate Director of the Center for Sustainable Nanotechnology, Twin Cities**  
Haynes' project for the Guggenheim Fellowship, Characterization of the Molecular Corona acquired by Technologically Relevant Engineered Nanoparticles in Environmental Matrices, focuses on nanotoxicology. The Fellowship will allow Haynes to spend the 2018-19 academic year conducting research at the Universitat Politècnica de València in Valencia, Spain.
- **Chris Larson, Associate Professor, Art, College of Liberal Arts, Twin Cities**  
For two decades, Larson has developed a multimedia-based practice focused on sculpture while incorporating film, photography and other media. Through this Fellowship, Larson will temporarily move his studio to a garment factory in Smithville, Tennessee, where clothes were produced for Ralph Lauren Polo, Converse and Land's End. Larson will explore how the spaces where we work impact the way people understand social class and identity. This is the first Guggenheim Fellowship a Department of Art faculty member has received while teaching at the University of Minnesota in 40 years.

## National Academy of Science

- **Peter Reich, Regents Professor, Distinguished McKnight University Professor, F.B. Hubachek Sr. Chair in Forest Ecology and Tree Physiology Resident Fellow, Institute on the Environment, Forest Resources, College of Food, Agricultural, and Natural Resource Sciences, Twin Cities**  
Reich's research focuses on the impacts of global environmental change on terrestrial ecosystems. This includes effects of climate change, elevated atmospheric carbon dioxide, other air pollutants, land use/management, fire and biotic invasion on health, biodiversity, and sustainability of forest and grassland ecosystems both in Minnesota and globally. This work simultaneously attempts to bridge the fields of physiological, community, ecosystem, landscape, and global ecology. Reich tends to focus on the broad ecotone of central North America, where boreal forests, northern hardwood forests, oak woodlands/savannas, and grasslands converge and mix. However, he is also involved in projects that address similar themes and issues in many other biomes and geographic locations, including work in several other continents (Australia, Europe, South America).
- **Mikhail Shifman, Professor, Physics and Astronomy, College of Science & Engineering, Twin Cities**  
Shifman does research in all branches of theoretical high energy physics: from Quantum Chromodynamics as the theory of hadrons to extra dimensional models of fundamental interactions, to supersymmetric field theories at strong coupling.

## **BACKGROUND INFORMATION**

### **American Academy of Arts and Sciences**

Since its founding in 1780, the American Academy has served the nation as a champion of scholarship, civil dialogue, and useful knowledge. As one of the nation's oldest learned societies and independent policy research centers, the Academy convenes leaders from the academic, business, and government sectors to address critical challenges facing our global society. Through studies, publications, and programs on the Humanities, Arts, and Education; Science, Engineering, and Technology; Global Security and Energy; and American Institutions and the Public Good, the Academy provides authoritative and nonpartisan policy advice to decision-makers in government, academia, and the private sector. The Academy's membership of 4,600 Fellows and 600 Foreign Honorary Members includes many of the most accomplished scholars and practitioners worldwide.

### **Andrew Carnegie Fellowship**

The Carnegie Corporation, the oldest grantmaking foundation in the US, was established in 1911 by Andrew Carnegie to promote the advancement and diffusion of knowledge and understanding. The Corporation's work focuses on the issues that Andrew Carnegie considered of paramount importance: international peace, the advancement of education and knowledge, and the strength of our democracy. The Andrew Carnegie Fellows Program provides support for high-caliber scholarship that applies fresh perspectives from the humanities and social sciences to some of the most pressing issues of our times. The fellowship carries a stipend of \$200,000, making it possible for the recipients to devote their time to significant research and writing.

### **Guggenheim Foundation**

United States Senator Simon Guggenheim and his wife established the John Simon Guggenheim Memorial Foundation in 1925 as a memorial to a son who died April 26, 1922. The Foundation offers Fellowships to further the development of scholars and artists by assisting them to engage in research in any field of knowledge and creation in any of the arts, under the freest possible conditions and irrespective of race, color, or creed. The Foundation receives approximately 3,000 applications each year. Although no one who applies is guaranteed success in the competition, there is no prescreening: all applications are reviewed. Approximately 175 Fellowships are awarded each year.

### **National Academy of Science**

The National Academy of Sciences (NAS) was founded on March 3, 1863, at the height of the Civil War. The immediate roots of the NAS can be traced back to the early 1850s and a group of scientists based largely in Cambridge, Massachusetts. The National Academy of Sciences had officially come into being with 50 charter members, who over the years would be joined by the election of the nation's most distinguished scientists. Members are elected to the National Academy of Sciences in recognition of their distinguished and continuing achievements in original research. Membership is a widely accepted mark of excellence in science and is considered one of the highest honors that a scientist can receive. Because membership is achieved by election, there is no membership application process. Although many names are suggested informally, only Academy members may submit formal nominations. Consideration of a candidate begins with his or her nomination, followed by an extensive and careful vetting process that results in a final ballot at the Academy's annual meeting in April each year.





# BOARD OF REGENTS DOCKET ITEM SUMMARY

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Board of Regents

May 11, 2018

**AGENDA ITEM:** Academy of Distinguished Teachers

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☐ *This is a report required by Board policy.*

**PRESENTERS:** President Eric W. Kaler  
Karen Hanson, Executive Vice President and Provost

## PURPOSE & KEY POINTS

To recognize the 2018 Academy of Distinguished Teachers award recipients.

### Horace T. Morse-University of Minnesota Alumni Association Award for Outstanding Contributions to Undergraduate Education

- **Geoffrey G. Bell, Management Studies, Labovitz School of Business and Economics, Duluth**  
Geoffrey Bell is a passionate, caring, and dedicated faculty member who is committed to helping students discover and nurture their passions. He consistently scores among the top teaching evaluations in the school, while maintaining rigorous academic standards. Alumni say he fostered their career success. He engages in high-level advising, while assisting students through academic and personal difficulties. Influencing program development, he spearheaded LSBE's Sustainable Organization Minor; he chairs or co-chairs both LSBE's and UMD's Sustainable Education Committees.
- **Sheryl Breen, Political Science, Division of the Social Sciences, Morris**  
Sheryl Breen is a highly regarded, passionate and innovative instructor. Students laud her courses for their role-playing simulations and critical engagement of course writers and concepts. They praise her advising for emphasizing personal growth and career development. She has made major contributions to the political science and environmental studies curriculums, and is a campus leader in internationalizing UMM's curriculum through guiding international programming, developing study abroad courses, and coordinating the study abroad programs.
- **Mitra Emad, Anthropology, Sociology and Criminology, College of Liberal Arts, Duluth**  
Mitra C. Emad is a cultural anthropologist, interdisciplinary scholar, and passionate advocate for active, civically engaged learning. In recognition of her excellence as an instructional leader, she earned an Office of Information Technology research fellowship and two Faculty Fellow positions supporting midcareer instructional development and technology-enhanced learning. She was the 2016 winner of UMD's Jean Blehart Distinguished Teaching Award. Her leadership led to the founding of UMD's Center for Excellence in Teaching and Learning.

- David Fox, Earth Sciences, College of Science & Engineering, Twin Cities**  
 David Fox strives to challenge how students view the world around them so that they learn to see the earth with the eyes of an earth scientist. He teaches in large and small lectures, the lab, and the field, and has mentored numerous student research projects. As Director of Undergraduate Studies, he guided students to their degrees through a curriculum he helped revise and he promoted the essential role of writing in student learning.
- Jonathan Gewirtz, Psychology, College of Liberal Arts, Twin Cities**  
 With an acute sense of the evolving needs and interests of undergraduate students in Psychology, Jonathan Gewirtz's pedagogical philosophy dovetails with his research on empathy. His course on "Brain and Emotion" has a long waitlist, as does his summer program in Madrid that combines the study of Biological Psychology with a research laboratory internship. The numerous innovations he has introduced through his teaching and through his department's curriculum are shaping the future of instruction in the field of Psychology.
- David Matthes, Biology Teaching and Learning, College of Biological Sciences, Twin Cities**  
 David Matthes brings a passion for biology and teaching into each of his courses. His integration of active learning and team-based learning instructional strategies into his genetics and cell biology courses has helped his students to achieve unusually high learning gains and develop professional skills needed in their careers. Matthes is a national leader in the development of project-based bioinformatic and personal genome analysis courses.
- Keith A. Mayes, African American & African Studies, College of Liberal Arts, Twin Cities**  
 Keith A. Mayes has been an effective teacher at the University of Minnesota. Known for his passion and level of energy in the classroom, Professor Mayes has received some of the highest student ratings in the College of Liberal Arts. He was also awarded the Arthur "Red" Motley Exemplary Teaching Award in 2010, only eight years into his career. Mayes is a well sought-after instructional leader inside and outside the University.
- Tracy Otten, Studio Art, Division of the Humanities, Morris**  
 Tracy Otten has taught Art and Printmaking for 17 years at the University of Minnesota Morris. She is a vastly knowledgeable, caring, and inspiring teacher, mentor and role model. She is a highly organized and helpful adviser who keeps on helping, even many years after students have left UMM. She is a brilliant, socially engaged, and humble professional artist, and she is an inclusive and perceptive human being.

#### **Outstanding Contributions to Graduate and Professional Education Award**

- Victor H. Barocas, Biomedical Engineering, College of Science & Engineering, Twin Cities**  
 Victor Barocas has spent that last 17 years contributing to graduate education at UMN through his role as a classroom teacher, a mentor for M.S. and Ph.D. students, the Director of Graduate Studies for Biomedical Engineering, and a member of the Graduate Education Councils for the College of Science and Engineering and for the University. He is a strong advocate for students and a promoter of student opportunity and diversity.
- Bradley G. Clary, Law School, Twin Cities**  
 In his 36 years of teaching at the University (including 18 years of full time teaching), Bradley Clary has directed and developed the Law School's legal writing, appellate advocacy, and trial practice programs. He has educated thousands of students, authored or

co-authored five different teaching texts, and served the University, the State of Minnesota, and the national legal community in multiple ways.

- **E. Dan Dahlberg, School of Physics and Astronomy, College of Science & Engineering, Twin Cities**

E. Dan Dahlberg has mentored over 25 PhD graduates since joining the faculty of the University of Minnesota. These physicists have gone on to careers in academia as well as a wide spectrum of industrial environments, including their own companies. This success has been enabled by Dahlberg's unique advising style, which is based on establishing an intellectual partnership with his graduate students while developing a full portfolio of technical and communication skills.

- **Barbara E. Martinson, Design, Housing, and Apparel, College of Design, Twin Cities**

Barbara Martinson is a Professor of graphic Design and the Director of Graduate Studies for the Design Graduate Program. She has been instrumental in developing graduate degree plans for the MFA and Ph.D. degrees. She works with her graduate students on issues of visual communication for safety, health, and well-being. Teaching and designing pedagogy are her primary research areas.

- **Chris Paola, Earth Sciences, College of Science & Engineering, Twin Cities**

Chris Paola is an innovative teacher and researcher who has mentored many graduate students to success, prioritized excellence in graduate education through leadership of research centers, co-created a unique graduate course in stream restoration, and established an international faculty-graduate student exchange program. He shares his most promising ideas with students, emphasizing cooperation and high ethical standards. He encourages risk-taking, learning from failure, and looking foolish in the service of curiosity, improvisational thought, and creative inquiry.

- **Robert E. Porter, Veterinary Population Medicine, College of Veterinary Medicine, Twin Cities**

Rob Porter is a beloved teacher who inspires students through infectious enthusiasm and creative approaches. He fearlessly explores new techniques and technology to the great benefit of learners. He is an award winning course coordinator who has led a diverse faculty team to outstanding results. He shares his expertise in poultry pathology through the formation of collaborative partnerships to benefit learners in the state and region. He leads through his scholarly approach.

- **Alexander J. Rothman, Psychology, College of Liberal Arts, Twin Cities**

Alex Rothman has demonstrated dedication to graduate education through mentorship, teaching and program development. Through his approach to graduate training he provides students with the skills and inspiration to design and pursue lines of work that have an impact on their discipline as well as on practice and policy. As Associate Dean for Graduate Education, he established innovative programs and policies to support graduate programs across CLA and secured increased resources to support graduate students.

- **Barbara Young Welke, History, College of Liberal Arts and Law School, Twin Cities**

In her 20 years at the University of Minnesota, graduate and professional teaching, advising, and mentoring have been central to Barbara Welke's mission. Through the Program in Law and History, leadership of the Hurst Institute, and other initiatives, she has made the University of Minnesota a premier institution for the training of legal historians, and as Director of Graduate Studies she made programmatic changes that left a lasting positive legacy for History Ph.D. students.

## **BACKGROUND INFORMATION**

The Horace T. Morse – University of Minnesota Alumni Association Award recognizes excellence in contributing directly and indirectly to student learning through teaching, research, creative activities, advising, academic program development, and educational leadership. Given each year since 1965, the award represents the highest recognition by the University community of its most distinguished scholar-teachers. The award is named for the late Horace T. Morse, first dean of the General College (1934-60) and a national leader in the field of undergraduate education.

The award for Outstanding Contributions to Graduate and Professional Education was initiated in 1999 in recognition of faculty members for excellence in instruction, instructional program development, intellectual distinction, advising and mentoring, and involvement of students in research, scholarship, and professional development at the graduate and professional level.



## BOARD OF REGENTS DOCKET ITEM SUMMARY

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Board of Regents

May 11, 2018

**AGENDA ITEM:** John Tate Award for Excellence in Undergraduate Advising

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Discussion

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*This is a report required by Board policy.*

**PRESENTERS:** President Eric W. Kaler  
Karen Hanson, Executive Vice President and Provost

### PURPOSE & KEY POINTS

To recognize recipients of the 2017-18 John Tate Award for Excellence in Undergraduate Advising.

- **Mark A. Bellcourt**, Senior Academic Advisor, Student Services, College of Education and Human Development and the College of Food, Agricultural and Natural Resource Sciences, Twin Cities
- **Tracey Bolen**, Director of Advising and Academic Services, Labovitz School of Business and Economics, Duluth
- **Michelle L. Page**, Associate Professor, Division of Education, Morris
- **Sara Schroth**, Senior Academic Advisor, Minnesota English Language Program, College of Continuing and Professional Studies, Twin Cities

### BACKGROUND INFORMATION

The John Tate Award for Undergraduate Advising is named in honor of John Tate, Professor of Physics and first Dean of University College (1930-41). Tate Awards serve to recognize and reward high-quality academic advising and call attention to the contribution academic advising makes to helping students formulate and achieve intellectual, career, and personal goals. By highlighting examples of outstanding advising, the Tate Awards identify professional models and celebrate the role that academic advising plays in the University's educational mission. A Selection Committee, comprised of faculty and professional advisers, a previous Tate Award recipient, and a student member, select up to four faculty and professional advisers at the University of Minnesota to receive the Tate Award.



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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Board of Regents

May 11, 2018

**AGENDA ITEM:** Outstanding Community Service Award

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Review

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Review + Action

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Action

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Discussion

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*This is a report required by Board policy.*

**PRESENTERS:** President Eric W. Kaler  
Karen Hanson, Executive Vice President and Provost

## PURPOSE & KEY POINTS

To recognize recipients of the 2017-18 Outstanding Community Service Award:

- **Community Partner Award:** Susan Ann Gust, activist and community development consultant
- **Student Award:** Anant Naik, undergraduate student, College of Science and Engineering, Twin Cities
- **Staff Award:** Jim Krueger, building and grounds supervisor, Cedar Creek Ecosystem Science Reserve, College of Biological Sciences, Twin Cities
- **Faculty Award:** JaneAnne Murray, professor of practice, Law School, Twin Cities

## BACKGROUND INFORMATION

The Outstanding Community Service Award recognizes contributions and accomplishments of faculty, staff, or University-affiliated community members who have devoted their time and talent to make substantial, enduring contributions to the external community and to improve public life and the well-being of society. This award clearly exemplifies the mission of the University as a publicly engaged institution. The recipients of the award this year have engaged in work that has improved the lives of countless people in critical and lasting ways at the local, state, national, and international levels.



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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**Board of Regents**

**May 11, 2018**

**AGENDA ITEM:** Community-Engaged Scholar Awards

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**Review**

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**Review + Action**

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**Action**

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**Discussion**

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*This is a report required by Board policy.*

**PRESENTERS:**

President Eric W. Kaler

Karen Hanson, Executive Vice President and Provost

## **PURPOSE & KEY POINTS**

To recognize the recipient of the 2017-18 President's Community-Engaged Scholar Award:

- Lesa Covington Clarkson, Associate Professor, Department of Curriculum and Instruction, College of Education and Human Development, Twin Cities

## **BACKGROUND INFORMATION**

The University of Minnesota President's Community-Engaged Scholar Award recognizes one faculty or P&A individual annually for exemplary engaged scholarship in his/her field of inquiry. The faculty or P&A award recipients have demonstrated a longstanding academic career that embodies the University of Minnesota's definition of public engagement.



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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Board of Regents

May 11, 2018

**AGENDA ITEM:** President's Award for Outstanding Service

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Review

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Review + Action

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Discussion

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*This is a report required by Board policy.*

**PRESENTERS:** President Eric W. Kaler  
Karen Hanson, Executive Vice President and Provost

## PURPOSE & KEY POINTS

To recognize recipients of the 2017-18 President's Award for Outstanding Service.

- **Kumar G. Belani**, Distinguished International Professor, Academic Health Center; professor of anesthesiology, medicine and pediatrics, School of Medicine; adjunct professor, School of Public Health, Twin Cities
- **Karen Brown**, director, Interdisciplinary Center for the Study of Global Change, Global Programs and Strategy Alliance, Twin Cities
- **Steve Cisneros**, director, President's Emerging Scholars Program, Office of Undergraduate Education, Twin Cities
- **Sue Elm**, clinical systems supervisor, School of Dentistry, Twin Cities
- **Thomas Gilliam**, administrative director, Master of Healthcare Administration and Executive Programs, School of Public Health, Twin Cities
- **John Hamlin**, professor, Department of Anthropology, Sociology & Criminology, College of Liberal Arts, Duluth
- **Lyndel King**, director and chief curator, Weisman Art Museum, Twin Cities
- **Sharon Kressler**, administrator, N.H. Winchell School of Earth Sciences, College of Science and Engineering, Twin Cities
- **Rebecca Masterman**, associate program director, UMN Bee Squad, and extension educator, MN Extension, Twin Cities
- **Colin McFadden**, technology architect, LATIS, College of Liberal Arts, Twin Cities
- **Abdi Ismail Samatar**, professor, Department of Geography, Environment & Society, College of Liberal Arts, Twin Cities
- **Terri Sutton**, communications associate, Department of English, College of Liberal Arts, Twin Cities

## BACKGROUND INFORMATION

The President's Award for Outstanding Service was established in 1997 to recognize faculty and staff who have provided exceptional service to the University of Minnesota. The award is presented each year in the spring and honors active or retired faculty or staff members who have gone well beyond their regular duties and have demonstrated an extraordinary commitment to the University community.





# BOARD OF REGENTS DOCKET ITEM SUMMARY

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**Board of Regents**

**May 11, 2018**

**AGENDA ITEM:** National Scholarship Recipients

☐ **Review**

☐ **Review + Action**

☐ **Action**

☒ **Discussion**

☐ *This is a report required by Board policy.*

**PRESENTERS:** President Eric W. Kaler  
Karen Hanson, Executive Vice President and Provost

## **PURPOSE & KEY POINTS**

To recognize recipients of national scholarships:

### **Churchill Scholarship**

- Merrick Pierson Smela, Chemistry and Biochemistry, College of Science & Engineering, Twin Cities

### **Fulbright Award**

- Chloe Fouilloux, Ecology, Evolution and Behavior, College of Biological Sciences, Twin Cities
- Tate Sheppard, Theatre Arts and Spanish/Portuguese, College of Liberal Arts, Twin Cities

### **Goldwater Scholarship**

- James Cox, Chemistry, College of Science & Engineering, Twin Cities
- Anna Nagel, Ecology, Evolution and Behavior, College of Biological Sciences, Twin Cities

## **BACKGROUND INFORMATION**

### **Churchill Scholarships**

The Winston Churchill Foundation of the United States was founded in 1959 to offer American students of exceptional ability and achievement in the sciences, engineering, and mathematics the opportunity to pursue graduate studies at Cambridge. Fourteen seniors from the top colleges and research universities in the United States are selected as Churchill Scholars each year, making the \$60,000 award one of the most selective and prestigious post-graduate scholarships.

### **Fulbright Awards**

In 1945, Senator J. William Fulbright introduced a bill in the United States Congress that called for the use of surplus war property to fund the 'promotion of international good will through the exchange of students in the fields of education, culture, and science.'

On August 1, 1946, President Harry S. Truman signed the bill into law, and Congress created the Fulbright Program, the flagship international educational exchange program sponsored by the U.S. Government.

From its inception, the Fulbright Program has fostered bilateral relationships in which citizens and governments of other countries work with the U.S. to set joint priorities and shape the program to meet shared needs. The world has been transformed in ensuing decades, but the fundamental principle of international partnership remains at the core of the Fulbright mission.

### **Goldwater Scholarships**

The Barry M. Goldwater Scholarship and Excellence in Education Program was established by Congress in 1986 to honor Sen. Barry Goldwater, who served his country for 56 years as a soldier and statesman, including 30 years of service in the U.S. Senate. The prestigious scholarship is awarded annually to outstanding sophomores and juniors who intend to pursue research-oriented careers in mathematics, the natural sciences and engineering. The scholarships provide up to \$7,500 per year for up to two years of undergraduate study.



## BOARD OF REGENTS DOCKET ITEM SUMMARY

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Board of Regents

May 11, 2018

**Agenda Item:** NCAA Champions

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*This is a report required by Board policy.*

**PRESENTERS:** President Eric W. Kaler

### PURPOSE & KEY POINTS

To recognize the following individuals or teams for winning an NCAA championship during the 2017-18 academic year:

- **Men's Hockey, Duluth:** Hunter Shepard, Blake Young, Nick McCormack, Sammy Spurrell, Karson Kuhlman, Parker Mackay, Jared Thomas, Avery Peterson, Peter Krieger, Nick Deery, Ben Patt, Louie Roehl, Billy Exell, Nick Swaney, Justin Richards, Matt Anderson, Mikey Anderson, Koby Bender, Dylan Samberg, Riley Tufte, Nick Wolff, Will Champion, Jarod Hilderman, Joey Anderson, Jade Miller, Scott Perunovich, Kobe Roth – Scott Sandelin, Coach
- **Sarah Bacon,** Diving, Twin Cities – Kelly Kremer, Coach and Wenbo Chen, Coach
- **Kaitlyn Long,** Track and Field, Twin Cities – Matt Bingle, Coach

Year 2017-18

**UNIVERSITY OF MINNESOTA  
BOARD OF REGENTS**

**Litigation Review Committee  
March 23, 2018**

A meeting of the Litigation Review Committee of the Board of Regents was held on Friday, March 23, 2018 at 8:00 a.m. in Room 398, University Square, University of Minnesota Rochester.

Regents present: Richard Beeson, presiding; Thomas Anderson, Michael Hsu, Dean Johnson, Peggy Lucas, David McMillan, Abdul Omari, Darrin Rosha. Steven Sviggum participated by phone.

Staff present: President Eric Kaler; General Counsel Douglas Peterson; and Executive Director Brian Steeves.

Others present: Sarah Dirksen, Tim Pramas, and Jon Steadland.

**RESOLUTION TO CONDUCT NON-PUBLIC MEETING  
OF THE LITIGATION REVIEW COMMITTEE**

The meeting convened in public session at 8:00 a.m. A motion was made and seconded that the following resolution be adopted:

WHEREAS, based on advice of the General Counsel, the Board of Regents Litigation Review Committee has balanced the purposes served by the Open Meeting Law and by the attorney-client privilege, and determined that there is a need for absolute confidentiality to discuss litigation strategy in particular matters involving the University of Minnesota.

NOW, THEREFORE, BE IT RESOLVED, that in accordance with Minn. Stat. § 13D.01, Subd. 3 and 13D.05 Subd. 3(b), a non-public meeting of Litigation Review Committee be held on Thursday, February 8, 2018 at 11:00 a.m. in the East Committee Room, 600 McNamara Alumni Center, for the purpose of discussing attorney-client privileged matters including the following:

- I. *Shannon Miller, Jen Ranford and Annette Wiles v. The Board of Regents of the University of Minnesota*

The committee voted unanimously to adopt the resolution and the public portion of the meeting ended at 8:01 a.m.

The meeting adjourned at 8:52 a.m.



**BRIAN R. STEEVES  
Executive Director and  
Corporate Secretary**

**Year 2017-18**

**UNIVERSITY OF MINNESOTA  
BOARD OF REGENTS**

**Board of Regents  
March 23, 2018**

A meeting of the Board of Regents of the University of Minnesota was held on Friday, March 23, 2018 at 9:00 a.m. at Phillips Hall in the Siebens Building at the Mayo Clinic in Rochester.

Regents present: David McMillian presiding; Thomas Anderson, Richard Beeson, Dean Johnson, Michael Hsu, Peggy Lucas, Abdul Omari, and Darrin Rosha. Linda Cohen and Steven Sviggum participated by phone.

Staff present: President Eric Kaler; Chancellors Michelle Behr, Lendley Black, Lori Carrell, and Mary Holz-Clause; Executive Vice President and Provost Karen Hanson; Senior Vice President Brian Burnett; Vice Presidents Michael Berthelsen, Matt Kramer, and Allen Levine; Interim Vice President Jakub Tolar; General Counsel Douglas Peterson; Executive Director Brian Steeves; Associate Vice Presidents Claudia Neuhauser, Julie Showers, and Michael Volna.

**INTRODUCTIONS**

**Chancellor, University of Minnesota Rochester**

President Kaler introduced Lori Carrell, Chancellor, University of Minnesota Rochester, who began her appointment on February 12, 2018. She briefly addressed the Board.

**APPROVAL OF MINUTES**

The Board voted unanimously to approve the following minutes as presented in the docket materials:

Mission Fulfillment Committee – February 8, 2018  
Audit & Compliance Committee – February 8, 2018  
Litigation Review Committee – February 8, 2018  
Finance & Operations Committee – February 8, 2018  
Governance & Policy Committee – February 9, 2018  
Board of Regents – February 9, 2018

**REPORT OF THE PRESIDENT**

President Kaler reported on several items, including the \$10 million supplemental legislative request; highlights from his departmental visits; updates on the Driven campaign; several NCAA team successes; and the formation of the Commission on College Basketball.

A copy of the Report of the President is on file in the Board Office.

## **REPORT OF THE CHAIR**

Regent McMillan offered examples from the Board's March agenda that demonstrate how the Board is working to achieve its priorities, including a vision for an integrated academic medical enterprise and the goal to complete a systemwide strategic plan that incorporates an academic investment strategy and long-term financial framework.

McMillan congratulated the UMD men's hockey team and the Gopher women's basketball team for advancing to the NCAA tournaments. He also shared highlights of the Board's tour of the UMR campus the previous day.

A copy of the Report of the Chair is on file in the Board Office.

## **RECEIVE AND FILE REPORTS**

Regent McMillan noted the receipt and filing of the Quarterly Report of Grant and Contract Activity, the Eastcliff Annual Report, and the Finance & Operations Committee Information Items – Real Estate Transactions.

## **CONSENT REPORT**

Regent McMillan presented for review and action the Consent Report as described in the docket materials, including:

- Gifts
- Finance & Operations Committee Consent Report
- Report of the All-University Honors Committee

McMillan added that two employment contracts not in the report today will be addressed at a later time. He also noted two items that were added to the report, and invited President Kaler to address the first. Kaler reported that Don Lucia will step down as head coach of the men's hockey team, and will work as a special assistant to Athletics Director Mark Coyle through the end of the 2018-19 academic year. He explained that this requires an amendment to Lucia's existing contract. McMillan called on Provost Hanson, who summarized the recommendation for Gary Anderson to serve as Dean of the School of Dentistry, effective March 26, 2018 through Dec 31, 2019.

Regent Johnson offered his support of Anderson's appointment, and noted that four different dentists at the University had spoken in support of Anderson as well. Johnson asked Kaler whether Lucia's amended contract includes a fundraising goal. Kaler responded that the overall fundraising goal for the Mariucci Arena renovation is approximately \$1.5 million, and that he is confident in Lucia's fundraising capacity.

Johnson expressed his support for the amendment.

A motion was made and seconded, and the Board voted unanimously to approve the Consent Report.

## **REPORT OF THE STUDENT REPRESENTATIVES TO THE BOARD OF REGENTS**

Regent McMillan invited Student Representatives to the Board of Regents Joshua Preston, Chair, and Alexandra Ulland, Vice-Chair, to share the report of the student representatives, as detailed in the docket.

Preston and Ulland walked through the report, noting that it offers perspectives on four topics of concern to University students: improving diversity/inclusion and disability services, student inclusion; student information privacy; consistency in credit transfer between campuses; and corporate social responsibility of University suppliers

President Kaler thanked the students for their research and advocacy. He stressed his commitment to diversity/inclusion and disability services, and pointed to increased staffing and other concrete steps being taken to address these issues. He reported that a University group is exploring ways to increase student information privacy, coupled with efforts to educate students on data privacy. He outlined plans to create guides that will explain equivalencies between courses across campuses. Kaler also expressed agreement with the students' suggested supplier code, noting that while there is no formal code currently in place, the University does factor in supplier ethics when reviewing RFPs. He noted discussions of creating a more formal code of conduct.

McMillan thanked the student representatives for their thoughtful and comprehensive report.

Regent Omari expressed appreciation for the research around challenging issues, noting that the data privacy discussion has been ongoing since he was a student. He recalled the case study with Aramark and asked Kaler about the process for evaluating ethics during the RFP period when Aramark was initially chosen. Kaler invited Associate Vice President Volna and Vice President Berthelsen to speak to the specifics.

Volna reiterated Kaler's explanation that the RFP process currently includes an evaluation of ethical standards, and added that they envision incorporating more formal guidelines into the process in the future.

Omari responded that he was glad to learn that there was more than one bidder in the RFP process.

Regent Beeson emphasized that many recommendations from student representatives have been adopted, and gave the example of student mental health resources. He commented that corporate social responsibility is an issue across other industries, and noted he is glad to see the specific recommendations from the students because he believes work like this has the capacity for real impact.

McMillan noted that the chair and vice chair of the Governance and Policy Committee are in attendance, and emphasized that such recommendations can help shape the administration and Board's approach.

Regent Rosha expressed appreciation for the breadth and sophistication of the report. He recalled conversations in recent years about access to student information, and added his appreciation for the students' perspective on the issue. He expressed surprise regarding the reemergence of credit transfer issues, and asked for more details. Rosha referenced recent conversations about the student code of conduct and the issue of student group accountability when hosting events, noting that he looks forward to continuing those conversations with students.

Preston responded that the students are committed to getting the Board more details on the credit transfer issues. He also pointed to student turnover as a possible reason for some of the issues that Omari and Rosha referenced.

Regent Lucas thanked the students for a great report.

Regent Anderson referenced the influence of past reports in changing approaches on subjects such as financial literacy and mental health issues. He pointed to the difficulty of defining

social responsibility for suppliers and investments but stressed that it is an important issue. He emphasized the importance of diversity at the University, and advocated for geographic diversity to be included in future conversations. Preston and Regent Cohen concurred with the importance of geographic diversity.

Regent Sviggum thanked the students, and urged consideration of balancing choices being made and the effect on tuition increases and student debt.

Regent Hsu asked the students for feedback on the University's progress on sexual assault policy and mental health services.

Student Representatives Apoorva Malarvannan and Mina Kian approached the table. Malarvannan stated that on the Twin Cities campus, the Aurora Center has done a great job of responding to cases of sexual assault despite the challenges of operating in a deficit. She highlighted several upcoming awareness-raising campaigns. Kian added that the Minnesota Student Association is drafting a resolution in support of the Aurora Center's request for additional staffing, and a new program for reporting incidents of sexual violence on the Twin Cities campus.

### **SYSTEMWIDE STRATEGIC PLAN: RESEARCH & DISCOVERY**

Regent McMillan invited Vice President Levine to present the second of five systemwide strategic planning presentations, as detailed in the docket.

President Kaler reported that he is pleased with the progress and timeline of the systemwide strategic plan. He shared a draft vision statement and invited feedback. He outlined the phases of work that will lead up to the finalization of the plan in fall 2018.

Levine presented the process for assembling the systemwide strategic framework, and summarized the approach and process for selecting priorities. He detailed the results of a comprehensive SWOT analysis of the University, and explained how the analysis was translated into recommendations. Levine explained that in the research and discovery phase, the team was charged with establishing the systemwide strategic priorities in four categories: internal research and entrepreneurial support funding, research talent recruitment and retention, technology commercialization and economic development, and interdisciplinary research centers and institutes. He described the MnDRIVE program as a model for how to address future priority areas.

McMillan asked Kaler and Levine to consider how to reconcile priorities that are important to the state with the University's limited resources.

Regent Rosha asked about the level of detail in the final report. He called the University's research mission a unique asset in terms of return on investment for the state of Minnesota, and asked the team to keep that in mind as they move forward.

Regent Cohen noted the particular importance of MnDRIVE and emerging priorities.

Regent Anderson advocated for an inventory of lab equipment so faculty and staff can see the equipment that is available to them instead of purchasing it. Levine responded that his team is working on creating a map with this type of inventory so equipment can be easily located and shared.

Regent Omari pointed out that MnDRIVE led to the creation of new jobs, which is a positive outcome. He asked Levine if the final report will include detail on the staffing and funding



needs of the identified priorities. Levine responded that the final report will contain those recommendations, and that research on existing strengths and needs has already taken place.

### **VISION FOR UMR**

Regent McMillan invited Chancellor Carrell to report on the vision for University of Minnesota Rochester (UMR), as detailed in the docket.

President Kaler thanked Carrell for hosting the Board in Rochester, and welcomed her as the new Chancellor of UMR.

Carrell thanked the Regents for coming to Rochester, and for the opportunity to highlight the work being done at UMR. She emphasized that the focus of UMR is healthcare, and noted that Rochester is the perfect setting due to its shared commitment to care and innovation. She described the context of a rapidly growing and thriving city as the ideal location for this growing system campus. Carrell highlighted several stories of UMR students who are driven to solve today's health challenges. She described the obstacles that underrepresented students face, and the commitment of UMR to seek solutions to these problems. She also briefly described the campus's strategic growth plan.

McMillan thanked Carrell, noting the campus has had a strong past and expressing confidence in its future.

Regent Lucas congratulated Carrell on creating a strong foundation for a bright future at UMR.

Regent Beeson thanked Carrell. He emphasized the excitement and energy that was apparent during the campus visits and presentations yesterday. He applauded the administration's strong focus on healthcare, and suggested considering exploring the management side of healthcare in future years.

Carrell thanked Regents McMillan and Beeson, and reiterated that UMR will continue to focus on healthcare.

Regent Rosha recalled the time before UMR was created and applauded UMR's vision in creating a successful healthcare partnership. He noted that UMR's small size has advantages because it can be nimble, and disadvantages because it has the potential to limit the scope of work. He encouraged UMR to explore new opportunities, and not be limited by trying to keep the campus small. He stated that he is curious about campus plans for expanding in other areas such as business or hospitality, and listening to the community's needs regarding partnership and education.

Carrell emphasized the ongoing commitment to working with community groups to identify needs and priorities at UMR.

Regent Hsu observed how important the local community is to the success of UMR, and acknowledged the presence of many elected officials and community members over the past two days. He noted that many students go on to work at the Mayo Clinic, which may be one of UMR's best kept secrets. He referenced stories of high school students moving to Rochester to take advantage of the PSEO program at UMR specifically for that reason. He added that he looks forward to seeing the progress of the optimal size project to attract more students, and bringing best practices from UMR's teaching methods to other areas of the University.

## **M HEALTH**

Regent McMillan invited Interim Vice President for Health Sciences Tolar to provide an update on M Health, as detailed in the docket. He also noted that Regent Johnson left the meeting to travel back to Willmar, but is still present by phone.

President Kaler emphasized the priority of this clinical enterprise and the hard work that has gone into deciding the future of M Health.

Tolar detailed the importance of clinical care, one of several pillars of the University system. He added that seven out of 10 physicians in Minnesota are trained by the University. He noted the importance of being economically viable, stating that the best way to do so is to partner with a healthcare system that has the bandwidth to support academic medicine. Tolar recalled that the relationship with Fairview began in 1996 with a 30-year agreement but that it has not progressed as planned. He reminded the Board that in 2013 the University and Fairview attempted to address issues by initiating the M Health agreement for a five-year term, but that will end on May 31, 2018. He outlined the qualities that the University is seeking in a future partner, and summarized the importance of the University healthcare system in providing the workforce, education and medical providers that are critical to the state.

Regents McMillan, Cohen and Lucas thanked Tolar for his work.

Regent Beeson applauded Tolar for the urgency with which this issue is being handled, and for identifying opportunities for growth, cost savings, and branding.

Rosha noted that a critical hurdle in reaching a successful long term agreement is aligning two different missions. He stressed that he will be watching closely to ensure that any future partnership is a true melding of missions, not leaning in the direction of the academic medicine model. He thanked Tolar for his energy and ingenuity. Tolar assured Rosha that he is realistic in his expectations for setting up a good blueprint for success.

Regent Hsu reiterated that they must produce an agreement by May 31, 2018, and that failing is not an option. He estimated that the University and Fairview are mostly in sync, but off by a few percentage points.

## **REPORT OF THE LITIGATION REVIEW COMMITTEE**

Regent Beeson, chair of the committee, reported that pursuant to notice sent by the University, the Litigation Review Committee met on March 23, 2018. At this meeting, a resolution was considered and adopted that authorized the closing of the meeting. In the closed meeting, discussion was held on matters subject to the attorney-client privilege.

The meeting adjourned at 11:47 a.m.



**BRIAN R. STEEVES**  
**Executive Director**  
**and Corporate Secretary**



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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**Board of Regents**

**May 11, 2018**

**AGENDA ITEM:** Report of the President

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**Review**

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**Review + Action**

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**Action**

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**Discussion**

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*This is a report required by Board policy.*

**PRESENTERS:** President Eric W. Kaler

## **PURPOSE & KEY POINTS**

It is customary for the President to report on items of interest to the University community at each Board meeting.



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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**Board of Regents**

**May 11, 2018**

**AGENDA ITEM:** Report of the Chair

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**Review**

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**Review + Action**

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**Action**

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**Discussion**

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*This is a report required by Board policy.*

**PRESENTERS:** Regent David J. McMillan

## **PURPOSE & KEY POINTS**

It is customary for the Chair to report on items of interest to the University community at each Board meeting.



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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Board of Regents

May 11, 2018

**AGENDA ITEM:** Consent Report - **REVISED**

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*This is a report required by Board policy.*

**PRESENTERS:** Regent David McMillan

## PURPOSE & KEY POINTS

To seek Board of Regents approval of items in the Consent Report, as required in Board of Regents Policy: *Reservation and Delegation of Authority*.

Items for consideration:

A. Gifts

The President recommends approval of the Summary Report of Gifts to the University of Minnesota through March 31, 2018 (in docket).

B. Report of the Regents Award Nominating Committee

The recommendation of the Regents Award Nominating Committee was forwarded to the Board in a letter dated May 4, 2018.

**MEETING OF THE BOARD OF REGENTS  
GIFTS TO BENEFIT THE UNIVERSITY OF MINNESOTA  
SUMMARY REPORT\***

**May 2018 Regents Meeting**

	<b>March</b>		<b>Year-to-Date</b>	
	<b>2018</b>	<b>2017</b>	<b>07/01/17 03/31/18</b>	<b>07/01/16 03/31/17</b>
<b>U of M Gift Receiving</b>	\$ 346,742	\$ 447,487	\$ 3,004,337	\$ 1,617,293
<b>Arboretum Foundation</b>	1,538,295	514,763	21,794,853	4,261,916
<b>Univ of MN Foundation</b>	31,351,906	18,759,140	230,730,769	214,666,597
<b>Total Gift Activity</b>	<b>\$ 33,236,943</b>	<b>\$ 19,721,390</b>	<b>\$255,529,959</b>	<b>\$ 220,545,806</b>

\*Detail on gifts of \$5,000 and over is attached.

Pledges are recorded when they are received. To avoid double reporting, any receipts which are payments on pledges are excluded from the report amount.

## Gifts to benefit the University of Minnesota

### Gifts received in March 2018

<u>Donor</u>	<u>Gift/Pledge</u>	<u>Purpose of gift</u>
<b><u>\$1 Million and Over</u></b>		
Kidz1stFund	Pledge	Medical School
Julianne H Prager	Pledge	College of Science and Engineering
The Hormel Fdn	Gift	Hormel Institute
<b><u>\$500,000 - \$1,000,000</u></b>		
General Mills Inc	Gift	College of Food, Agricultural and Natural Resource Sciences, Carlson School of Management, College of Science and Engineering
Blythe Brenden-Mann Fdn	Pledge	Medical School
Gregory R Page	Gift	Minnesota Landscape Arboretum
<b><u>\$250,000 - \$500,000</u></b>		
Susan Brown Estate	Gift	College of Education and Human Development, College of Liberal Arts
Horatio Alger Assn of Distinguished Americans	Pledge	Scholarships
KAHR Fdn	Pledge	Minnesota Landscape Arboretum
The McKnight Fdn	Gift/Pledge	Humphrey School of Public Affairs, Institute on the Environment
Fifth District Eagles Cancer Telethon Fund	Gift	Hormel Institute, Academic Health Center
M Barbara and Daniel J Balik	Pledge	School of Nursing
<b><u>\$100,000 - \$250,000</u></b>		
Amazoncom Inc	Gift	College of Science and Engineering
Anonymous	Gift	College of Biological Sciences
Zsolt and Mary Romy Charitable Fdn	Gift	College of Science and Engineering
Altium Inc	Gift	College of Science and Engineering
Essentia Health	Gift	Medical School
Glen F Galles Estate	Gift	Carlson School of Management
Vanessa G Tennyson	Gift/Pledge	Carlson School of Management, Medical School
Christine H Moen Estate	Gift	College of Food, Agricultural and Natural Resource Sciences
Don and Lorraine Freeberg Fdn	Gift	Carlson School of Management

**\$100,000 - \$250,000**

Harold and Jean Grossman Donor Advised Fund	Gift	Medical School
Minnesota Corn Growers Assn	Pledge	Minnesota Landscape Arboretum

**\$50,000 - \$100,000**

Spinal Cord Society	Pledge	Medical School
Marjorie C Loper Estate	Gift	College of Liberal Arts
Minnesota Lions Diabetes Fdn Inc	Gift	Medical School
Phileona Fdn	Gift	College of Veterinary Medicine
Doug and Lorrie Collison	Pledge	Intercollegiate Athletics
Robert and Mary Mersky	Gift	Weisman Art Museum
Arvid Olson Estate	Gift	Medical School
John H Daniels Jr and Lisa Daniels	Gift	University of Minnesota Duluth
Thomas G Olson	Gift	Academic Health Center
Andrea Hricko Hjelm and Kenneth E Hjelm	Gift	College of Education and Human Development
Anonymous	Gift	Academic Health Center
Carlisle Companies LLC	Pledge	Carlson School of Management
Eugene H Seashore Jr and Sheila A Seashore	Pledge	University of Minnesota Duluth
Evonik Corp	Gift	College of Science and Engineering
Ford Motor Co	Gift	College of Science and Engineering
Mark and Shahla Southerst	Pledge	Law School
Michael G and Heather A Seyfer	Pledge	University of Minnesota Duluth
Paul and Jean Mooty	Pledge	Carlson School of Management

**\$25,000 - \$50,000**

Helen S Henton Trust	Gift	Unrestricted
Peter W Freund	Pledge	College of Science and Engineering
3M Co	Gift	School of Public Health
Gary L and Jane K Filerman	Gift	Libraries
Jean G White	Gift	College of Food, Agricultural and Natural Resource Sciences
Van Dyke/Billy Fdn	Gift	Intercollegiate Athletics
Charles N Nauen and Pati Jo Pofahl	Pledge	Law School
TCF National Bank	Gift	Academic Health Center, Medical School
Erik and Rima Torgerson	Gift	Intercollegiate Athletics
Medtronic Inc	Gift	College of Science and Engineering
Christopher and Rebecca Swanson	Pledge	University of Minnesota Duluth
Katharine E Dumas	Gift	University of Minnesota Duluth
Benjamin F Nelson Estate	Gift	Medical School
Kelly J A Zimmerschied	Gift	University of Minnesota Crookston
Allan L Apter	Gift	University of Minnesota Duluth
James J and Janet A Blanchard	Gift	Law School



**\$25,000 - \$50,000**

James T Thompson	Gift	Minnesota Landscape Arboretum
Joseph Levitch	Gift	Academic Health Center
Laurie A Brand	Pledge	College of Science and Engineering
Richard A and Judi Huempfer	Gift	University of Minnesota Extension
Robert L and Connie M Murray	Pledge	School of Public Health
Russell and Carol Mc Naughton Fund-St Paul Fdn	Gift	College of Science and Engineering
Shakopee Mdewakanton Sioux Community	Gift	Medical School
The Timothy O'Connell Fdn	Gift	Medical School

**\$10,000 - \$25,000**

Boston Scientific Corp	Gift	College of Science and Engineering, Medical School
Sirius Minerals PLC	Gift	College of Food, Agricultural and Natural Resource Sciences
Austin Bruins Fdn	Gift	Hormel Institute
UnitedHealth Group Inc	Pledge	Various Colleges
Johnson and Johnson	Pledge	School of Public Health
John A Economos	Gift	University of Minnesota Duluth
Center for Computer-Assisted Legal Instruction	Gift	Law School
Barbara Breckenridge Franklin	Gift	College of Food, Agricultural and Natural Resource Sciences
Cub Cares Community Fund-Signature Fund Mpls Fdn	Gift	Academic Health Center
NBCUniversal	Gift	Academic Health Center
Pioneer Hi-Bred International Inc	Gift	College of Food, Agricultural and Natural Resource Sciences
Trygve Svard	Gift	Medical School
Karen Erickson and Eric S Rangen	Gift	Carlson School of Management
Michael Hall	Gift	Libraries
Charles M Goethe Estate	Gift	College of Biological Sciences
Lucinda Cummings and Robert M Segal	Pledge	College of Science and Engineering
Cargill Inc	Pledge	Minnesota Landscape Arboretum
Steel King Industries Inc	Gift	College of Food, Agricultural and Natural Resource Sciences
Midwest Gymnastics Booster Club	Gift	Intercollegiate Athletics
Edith D Leyasmeyer	Gift	Weisman Art Museum
Anaplan	Gift	Academic Health Center
Bernie R Bullert	Gift	College of Science and Engineering
James and Mary Meyer	Pledge	Minnesota Landscape Arboretum
Jeannine M Rivet	Gift	Minnesota Landscape Arboretum

**\$10,000 - \$25,000**

Linda C Odegard and Harlan M Cavert	Pledge	College of Liberal Arts, Minnesota Landscape Arboretum, Libraries
Pink Pumpkin Patch Fdn	Gift	Hormel Institute
Robert G Mitchell Jr and Lucy Crosby Mitchell	Gift	Law School
Robert H Wilder Jr	Gift	College of Veterinary Medicine
Robert L Karlstrand Estate	Gift	School of Nursing
John P Fosness	Gift	College of Science and Engineering
MaryEllen McFarland Estate	Gift	College of Food, Agricultural and Natural Resource Sciences, College of Education and Human Development, College of Design
Marlene J McKeown Estate	Gift	College of Veterinary Medicine
Hullsiek and Allen Memorial Fund-St Paul Fdn	Gift	Medical School
Miami Fdn	Gift	Institute on the Environment
Valent USA	Gift	College of Food, Agricultural and Natural Resource Sciences
National Crop Insurance Services	Gift	College of Food, Agricultural and Natural Resource Sciences
The L E Phillips Family Fdn Inc	Gift	College of Food, Agricultural and Natural Resource Sciences
Procter and Gamble Co	Gift	College of Science and Engineering
Sulvaris Inc	Gift	College of Food, Agricultural and Natural Resource Sciences
Miriam Segall	Gift	College of Liberal Arts
Rose Francis Fdn	Pledge	Scholarships
James W and Roberta L Ramsey Charitable Fund	Gift	College of Science and Engineering
Absolute Energy LLC	Gift	Hormel Institute
Anonymous	Gift	College of Veterinary Medicine
Arysta LifeScience Management Co LLC	Gift	College of Food, Agricultural and Natural Resource Sciences
Boehringer Ingelheim Pharmaceuticals Inc	Gift	College of Veterinary Medicine
Brian Kovalchuk and Mary Sue Weir	Gift	Carlson School of Management
Cambridge Technologies	Pledge	College of Veterinary Medicine
Catherine L Anderson	Gift	Medical School
Ellen M Blank	Gift	College of Education and Human Development, Intercollegiate Athletics
Fredrikson and Byron Fdn	Gift	Carlson School of Management
Jack Curtis Fund-Schwab Charitable	Gift	University of Minnesota Duluth
Jerome K Robertson	Gift	School of Nursing
John Cheville and M C Aubry	Gift	College of Veterinary Medicine

**\$10,000 - \$25,000**

Kathy and Larry Holleran Charitable Trust-Fidelity Charitable	Gift	College of Education and Human Development
Malcolm-Carlson Fund-Women's Fdn of MN	Gift	School of Public Health
Molly and Ross Hussey	Pledge	Academic Health Center
Oklahoma City Zoo and Botanical Garden	Gift	College of Biological Sciences
Patricia A Robertson	Gift	School of Nursing
Paul Baker	Gift	Humphrey School of Public Affairs
Paustis Wine Co	Gift	Medical School
PepsiCo Inc	Gift	College of Veterinary Medicine
R Vance Morey	Gift	College of Food, Agricultural and Natural Resource Sciences
Wyant Family Charitable Fund-Vanguard Charitable	Gift	Carlson School of Management

**\$5,000 - \$10,000**

Chainbreaker	Gift	Academic Health Center
Home Federal Savings Bank	Gift	Hormel Institute
Michael G Burnett	Gift	Eastcliff
Wesley R Swanson	Gift	College of Science and Engineering
Land O'Lakes Inc	Gift	University of Minnesota Extension
RBC Wealth Management	Gift	Minnesota Landscape Arboretum
Syvilla M Turbis Estate	Gift	Medical School, Academic Health Center
Physical Electronics USA Inc	Gift	College of Science and Engineering
Vulcan Community Charities Inc	Pledge	Scholarships
Mendon F Schutt Family Fund-Mpls Fdn	Gift	Medical School, Minnesota Landscape Arboretum
Hormel Foods Corp	Gift	Hormel Institute
David E Christensen Fund-Fidelity Charitable	Gift	Law School
Scholars Strategy Network	Gift	Humphrey School of Public Affairs
Eric P and Andrea M Spandl	Pledge	College of Biological Sciences, College of Food, Agricultural and Natural Resource Sciences
Lisa Taralseth	Gift	Minnesota Landscape Arboretum
Minnesota Vikings Football LLC	Gift	Medical School
Reichel Foods Inc	Gift	Hormel Institute
Louis F Lawrence Estate	Gift	College of Veterinary Medicine
Fairview Health Services	Gift	Medical School
Northwestern Mutual Fdn	Pledge	Academic Health Center
QualiTech Inc	Gift	College of Food, Agricultural and Natural Resource Sciences
S Edward Wagner	Gift	Minnesota Landscape Arboretum
Robert W Minks	Gift	Academic Health Center

**\$5,000 - \$10,000**

Gary A Wellner Estate	Gift	Academic Health Center
Greater MSP	Gift	Disability Resource Center
Minnesota D H I A	Gift	College of Veterinary Medicine
Next Generation Fund-Hugh J Andersen Fdn	Gift	College of Veterinary Medicine
Minnesota Hobby Beekeepers Assn	Gift	College of Food, Agricultural and Natural Resource Sciences
The NRA Fdn Inc	Gift	University of Minnesota Extension
Twin Town Collectibles LLC	Gift	Academic Health Center
Michele Ione Pierce	Gift	College of Science and Engineering
E D and S A Zahrbock Family Fdn-Renaissance Charitable Fdn	Gift	University of Minnesota Morris
Marcia C and Richard W Carthaus	Gift	College of Education and Human Development
Catherine M Bendel and Joseph L Nunez	Gift	Medical School
Karen E Hawley and Charlaine E Tolkien	Gift	Intercollegiate Athletics
Burr Oak Group Inc	Gift	College of Food, Agricultural and Natural Resource Sciences
Design Ready Controls	Gift	College of Science and Engineering
Ecolab Inc	Gift	Carlson School of Management
Eleventy USA LLC	Gift	Academic Health Center
Ellen J and Nicholas C Hope	Gift	College of Liberal Arts
Gary L and Marcia L Doty	Gift	University of Minnesota Duluth
Gavin Flying For A Cure	Gift	Medical School
Gordon D Weaver	Gift	Intercollegiate Athletics
Grande Cheese Co	Gift	College of Food, Agricultural and Natural Resource Sciences
Hormel Foods Corp Charitable Trust	Pledge	Various Colleges
Horton Holding Inc	Gift	College of Science and Engineering
IBM Corp	Gift	College of Science and Engineering
James L and Julianne K Chosy	Gift	Law School
Jeffery L and Lynn M Radunz	Gift	Carlson School of Management
Keith Loveland Consulting	Gift	University of Minnesota Duluth
Kraus-Anderson Construction Co	Gift	Academic Health Center
Kumanduri Romero Family Fund-Fidelity Charitable	Gift	College of Science and Engineering
Lee C Buchheit	Gift	College of Liberal Arts
Lee S and Dorothy N Whitson Fund-St Paul Fdn	Gift	University of Minnesota Extension
Maria R Gomes	Gift	College of Veterinary Medicine
Michael M Gavin	Gift	Law School
Mitsubishi Electric Research Laboratories	Gift	College of Science and Engineering
Nelson Family Fund-Fidelity Charitable	Gift	College of Science and Engineering
Neurology Ltd	Gift	Medical School

**\$5,000 - \$10,000**

Nita M Bradford Donor-Advised Fund at Schwab	Gift	Carlson School of Management
NovaVive Inc	Gift	College of Veterinary Medicine
Orthofix	Gift	College of Science and Engineering
Patrick B and Marlene M Sloan	Gift	College of Education and Human Development
Raffi Tashjian	Gift	Carlson School of Management
Randy R and Susan M Simonson	Pledge	College of Veterinary Medicine
Reed Tech	Gift	College of Science and Engineering
Robert G Edwards Trust	Gift	College of Veterinary Medicine
Rumphius Fund-Vanguard Charitable	Gift	College of Liberal Arts
SKB Environmental	Gift	Hormel Institute
Southern MN Initiative Fdn	Gift	Carlson School of Management
Stanley M and Luella G Goldberg	Gift	Various Colleges
Stephen J Tich	Gift	College of Liberal Arts
Thomas J Mielke	Gift	Law School
Thomas R Day	Gift	Hormel Institute
Travis G Dhein and Robyn Dahl-Dhein	Gift	Academic Health Center
Women's Fdn of Minnesota	Gift	Medical School



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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**Board of Regents**

**May 11, 2018**

**AGENDA ITEM:** Systemwide Strategic Plan: Medicine & Health

☐

**Review**

☐

**Review + Action**

☐

**Action**

☒

**Discussion**

☐

*This is a report required by Board policy.*

**PRESENTERS:** President Eric W. Kaler  
Jakub Tolar, Dean of the Medical School and Interim Vice President for the  
Health Sciences

## **PURPOSE & KEY POINTS**

The purpose of this item is to review the Medicine & Health focus area of the Systemwide Strategic Plan.

The priority areas identified for Medicine & Health are:

- Progressing toward an academic health system.
- Enhancing the prestige of the Medical School.
- Identifying opportunities for aligning with the state.
- Ensuring the appropriate structure and resources for the health sciences mission.

## **BACKGROUND INFORMATION**

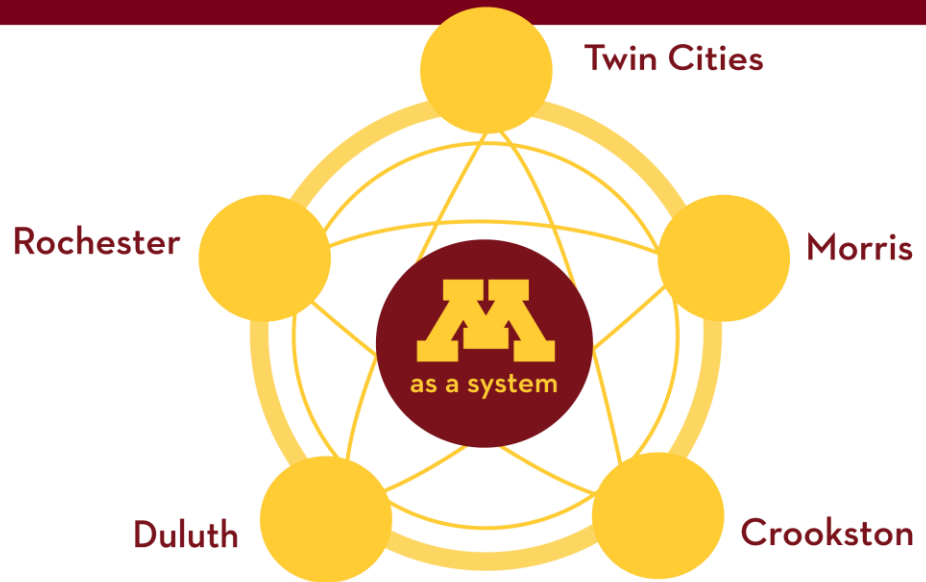
In fall 2017, President Kaler charged Dean of the Medical School and Interim Vice President for Health Sciences Jakub Tolar with providing a plan for progress toward an academic health system; reviewing the resources and infrastructure needed to support enhancing the prestige of the Medical School; reviewing opportunities for alignment of the strategic priorities of the Academic Health Center with the strategic priorities of the State of Minnesota with regards to health policy and workforce needs; and reviewing the structure of the Academic Health Center and considering how to realign resources to best leverage the University's opportunities in interdisciplinary research and interprofessional education.

This is the third presentation to the Board on the Systemwide Strategic Plan in 2018. The Board heard presentations on the plan for research at its March meeting, and outreach and public service at its February meeting.

# Systemwide Strategic Plan

Board of Regents | May 11, 2018

Jakub Tolar, MD, PhD  
Dean of the Medical School  
Interim Vice President for the Health Sciences



# Our Goals

- **Achieving an academic health system**
- **Enhancing prestige of Medical School**
  - Improving rankings
  - Building on reputation
  - Developing relationships
  - Increasing impact of innovation
- **Aligning with strategic health priorities of state**
  - Addressing current state health challenges
  - Training the right workforce
  - Leading in state and federal health policy





# Practicing High Definition Medicine

- **Pursuing excellence**

- Identifying and filling community needs since 1888
- Developing the therapies of tomorrow through research

- **Making a difference**

- Providing compassionate, patient-centered care throughout the state
- Using University-wide resources to educate the next generation of health professionals in collaborative care models

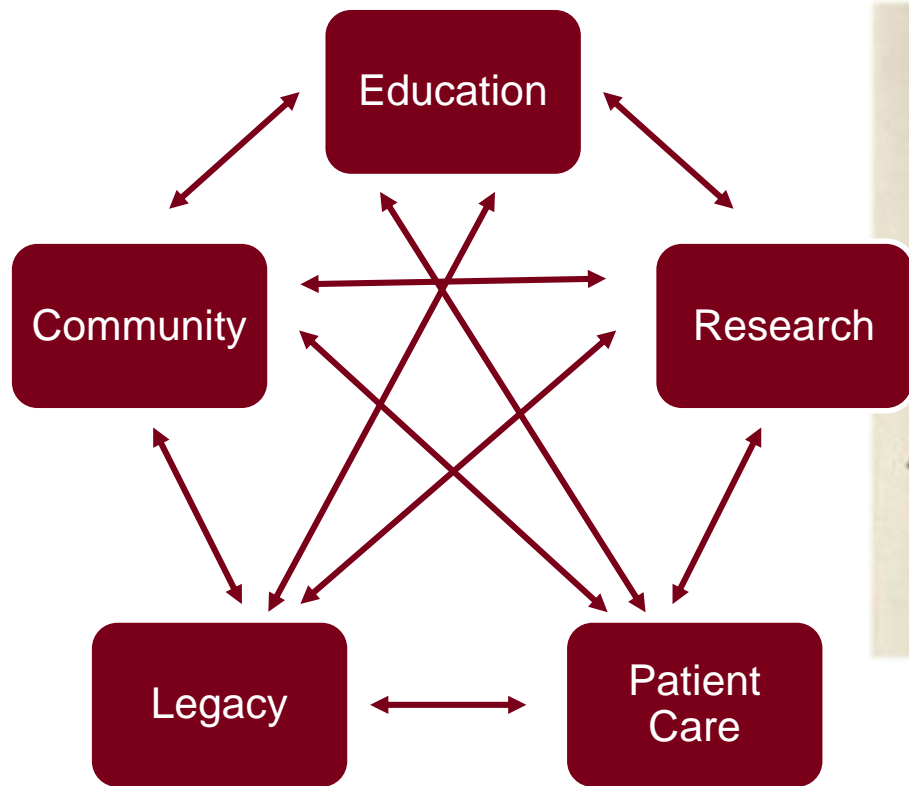


# Strategies to Achieve Our Goals

- **Driving sustained effort on clinical partnerships**
- **Prioritizing research areas for investment and recruitment**
  - Recruiting top students/faculty
  - Improving research infrastructure
  - Rewarding excellence
  - Marketing success
- **Leveraging our breadth in health sciences**
  - Anticipating and innovating the future
  - Leading in interprofessional education and practice
  - Futurizing our clinical practice



# Interconnected Mission for Better Outcomes



## Steering by the Stars

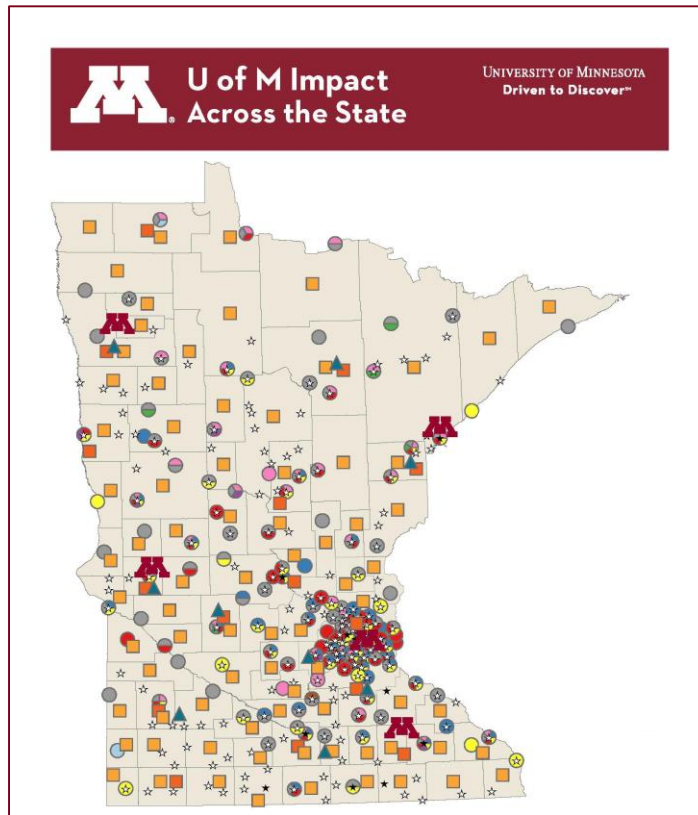
# Health Sciences Education Center

## Focus on Interprofessional Future



# The Health Sciences... *We Are Everywhere*

- College of Pharmacy
- College of Veterinary Medicine
- School of Dentistry
- School of Nursing
- School of Public Health
- School of Medicine



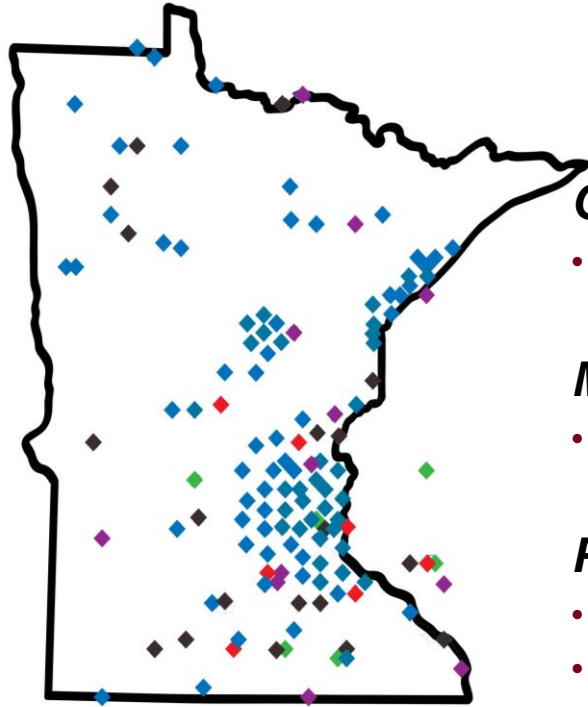
# University Constellation

Pharmacy



# College of Pharmacy

*We Answer the Needs of the State*



## ***Opioids***

- Finding community-specific solutions to substance abuse statewide

## ***Mental Health***

- Statewide partnerships for medication management

## ***Partnerships***

- Carlton County Drug Court partnership to overcome addiction
- Red Lake Indian Health Service advanced training for pharmacists
- Minnesota Practice Based Research Networks Website





# Specialty Drug Prices Rise Far Exceeds Inflation





# University Constellation

Pharmacy

Vet Med



# College of Veterinary Medicine

*Improving the Health and Well-being of Animals and People*



## ***Partnerships***

- VetFAST – Recruit and retain students with food animal interests
- DVM/MPH - train professionals to control food-borne and animal diseases that impact people

## ***Community and Outreach***

- Prevent and control outbreaks of bird and pig viruses
- Veterinary Treatment Outreach for Urban Community Health (VeTOUCH)
- iCOMOS

## ***Protecting Minnesota's Economy***

- Assure safe food supply
- Advance biomedical science
- Prevent zoonotic diseases



# Canine Brain Tumor Research May Speed Human Trials



**Dogs and humans share glioblastoma – deadly brain cancer**

**Collaboration: Veterinary Medicine, Masonic Cancer Center, Medical School**



# University Constellation

Pharmacy

Dentistry

Vet Med



# School of Dentistry

## *Health is a Team Sport*

### ***Partnerships***

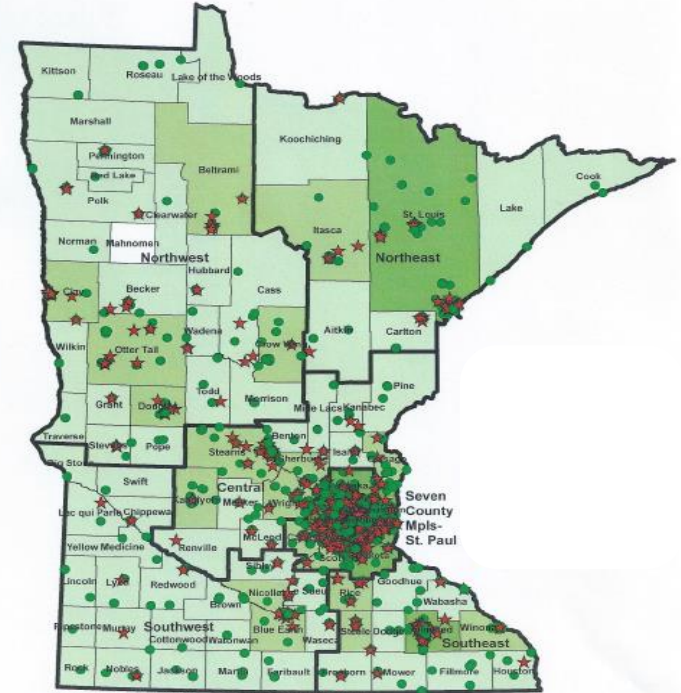
- Hibbing Community College Dental Clinic
- Native American Community Clinic
- Rice Regional Dental Clinic
- Scenic Rivers Dental Clinic

### ***Research***

- Opioid postoperative prescribing
- Antimicrobial peptide kills drug resistant bacteria without causing drug resistance

### ***Outreach and Community***

- Mobile Dental Clinic
- Give Kids a Smile
- Indian Health Service and Tribal Outreach

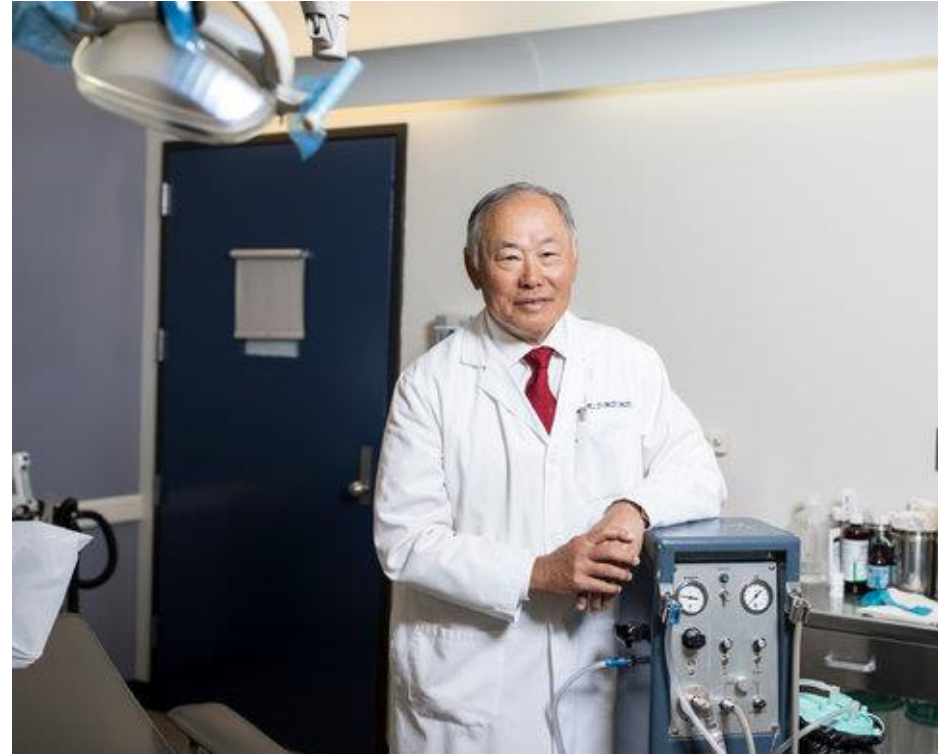




# Breaking the Opioid Habit in Dentists' Offices

“The University of Minnesota School of Dentistry is the first in the nation to mandate new guidelines for prescribing opioid painkillers in its clinics.”

*New York Times*  
10 July 2017



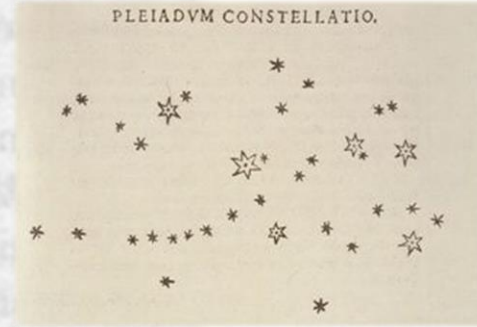
# University Constellation

Pharmacy

Dentistry

Vet Med

Public Health



# School of Public Health

## *Social Impact Can be Measured*



### ***Outreach and Community***

- Minnesota Taconite Workers Health Study

### ***Partnerships***

- Health Economics partnership with Minnesota Department of Health

### ***Health Policy***

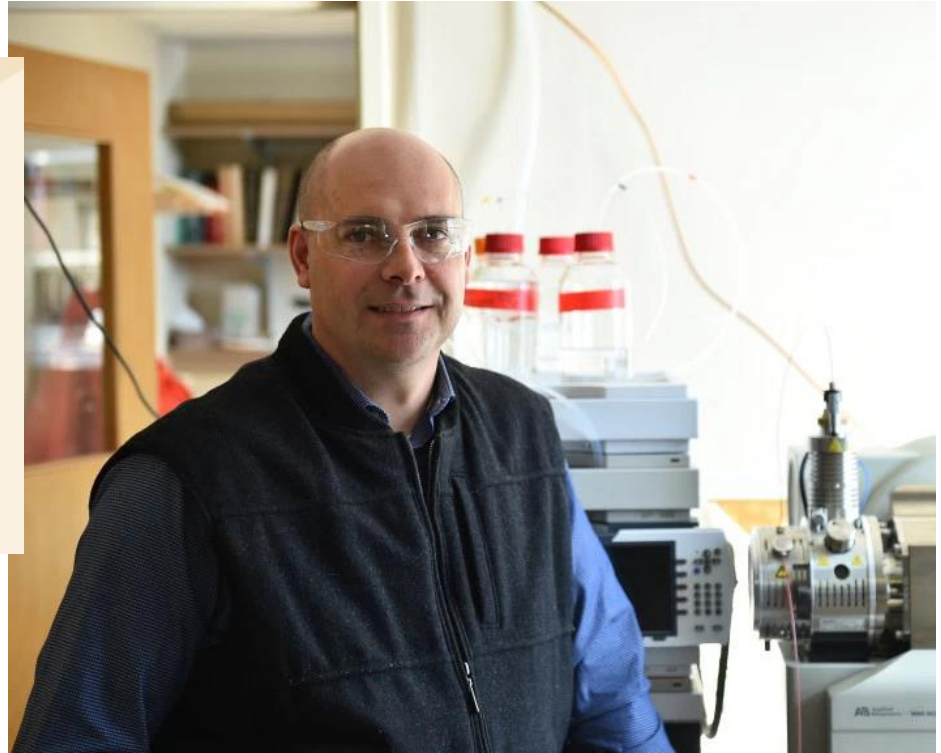
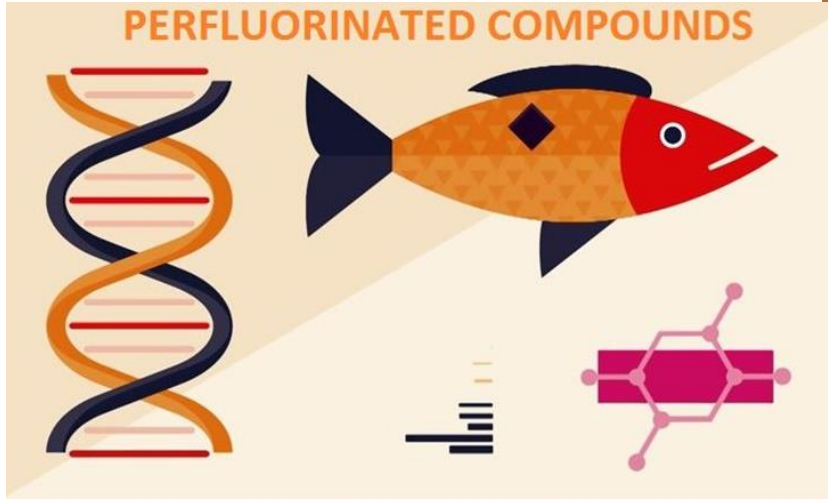
- Medicaid payment for services from a certified doula
- New and remodeled buildings to be fully accessible to people with disabilities





# The Minnesota Method...

## of Removing PFCs from Groundwater



# University Constellation

Pharmacy

Dentistry

Nursing

Vet Med

Public Health

DVM CONSTELLATIO.



# School of Nursing

## You Remember Your Nurse



### ***Partnerships***

- Touchstone Mental Health and Wilder Foundation
- OptumLabs on big data research
- Nursing and Pharmacy formed UMN Health Nurse Practitioners Clinic



### ***Research***

- West Central Minnesota: peripheral artery disease
- New Ulm: Obesity prevention

### ***Statewide Impact***

- More than 250 clinical sites
- Collaborative agreements to increase nursing pipeline throughout Minnesota



# U of M Nurse Practitioner Clinic

Aiming to Help Fill Doctor Void

“A new state law paves way for nurse-run facilities, amid hopes the model could go statewide”

*Star Tribune*  
24 March 2015





# University Constellation

Pharmacy

Dentistry

Nursing

Vet Med

Public Health

Med School

DVM CONSTELLATIO.



# Medical School

## Discovery Transforms Medicine



### **Statewide Impact**

- Rural Physician Associate Program
- Metro Physician Associate Program
- Minnesota Future Doctors
- Over 1,000 doctors training at 135 programs



### **Legislative Partnership**

- Regenerative Medicine Minnesota
- Medical Discovery Teams
- MnDRIVE (cancer and brain conditions)
- Minnesota Partnership (with Mayo)
- Family Medicine Training
- Biomedicine/Bioethics Research Grant Program



MEDICAL SCHOOL  
UNIVERSITY OF MINNESOTA



### **Leading Research**

- Cell/Immune Science
- Neurology
- Addiction
- Aging
- Health Disparities
- Bioengineering



# Advancing Knowledge



**100+**

Medical Specialties  
And Sub-Specialties



**400+**

Active Principal  
Investigators



**2,000+**

Active Biomedical/  
Clinical Studies

Divisions with most studies:

- Hematology, Oncology, Transplantation: 292
- Surgery: 156
- Pediatric Hematology: 143
- Psychiatry: 113
- Neurology: 101



**900+**

Patents and Pending  
Patents

# Medical Discovery Teams

Addressing Minnesota's Priorities



Optical Imaging & Brain Science



Addiction



Rural and American Indian Health



Biology of Aging





# Medical School

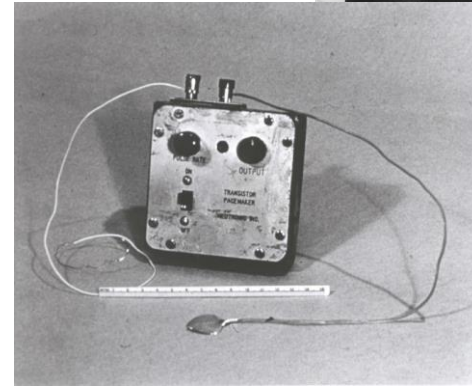
Discovery Transforms Medicine – International Reputation



August 21, 1968



Past



# A Team Undertakes “Uncharted Territory”

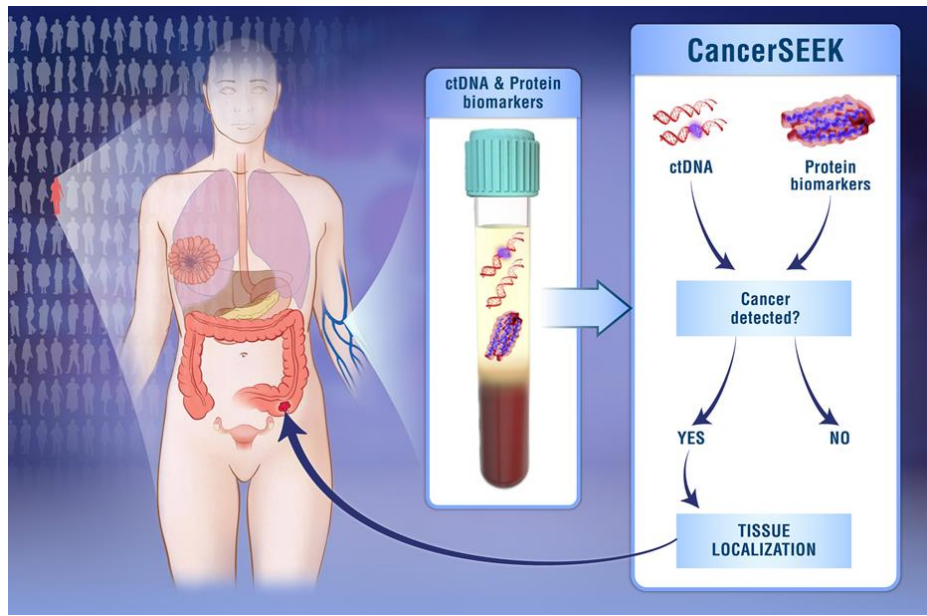
## Research Means Hope



Present



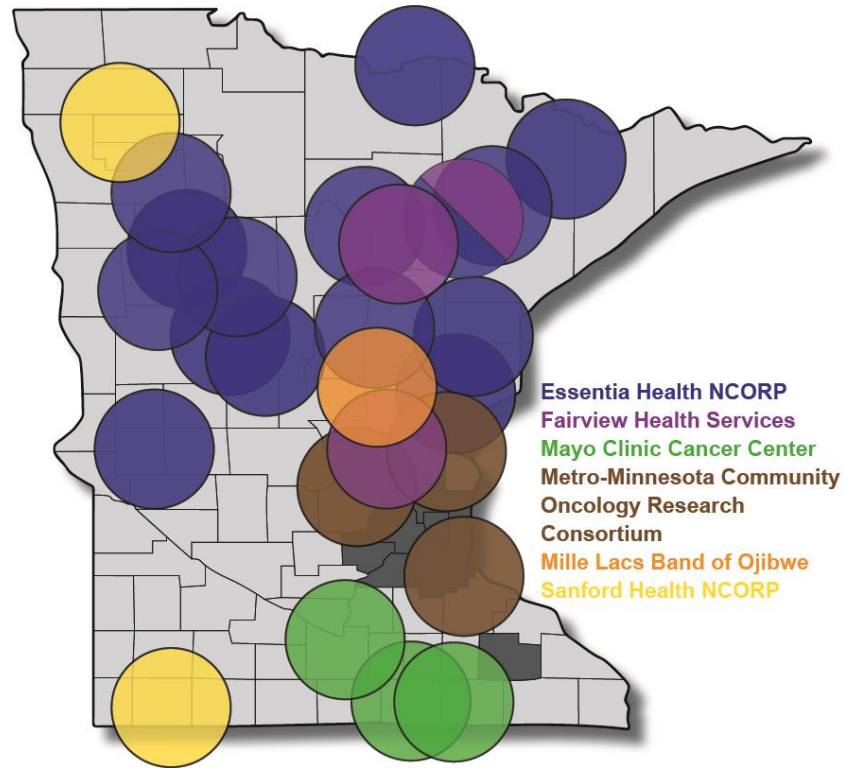
# Cancer Prevention and Control



Blood Test to Detect and Locate Cancers

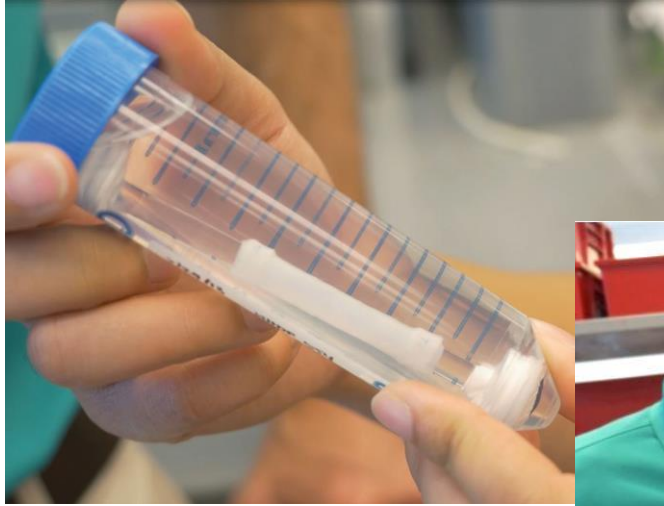
Present

## Partnership and Statewide Impact



# Engineering & Stem Cell Medicine Combine

Patient-specific grafts that grow



Future





# Human Hand Electrified with 3D Printer

Device layers silvery ink onto the skin to make a circuit.

“A 3D printer can ‘write’  
an electronic circuit  
directly onto human skin.”

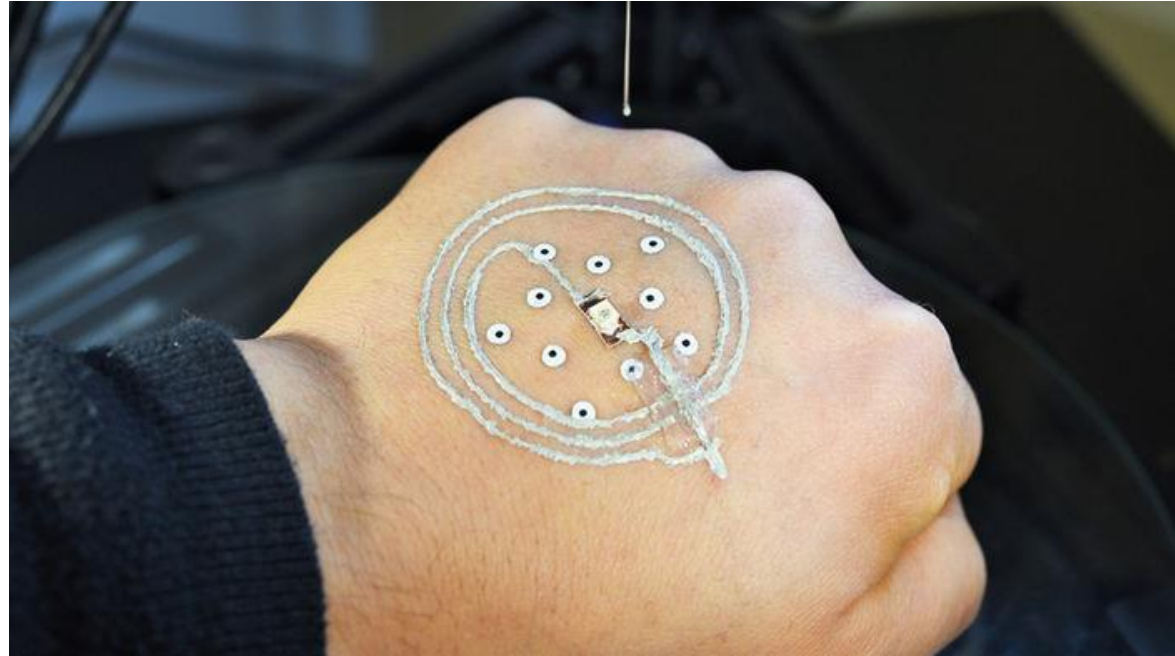
*Nature*

*27 April 2018*

International Journal of Science



# Future



# Resource for Minnesota Workforce

**67%**  
**of Pharmacists**



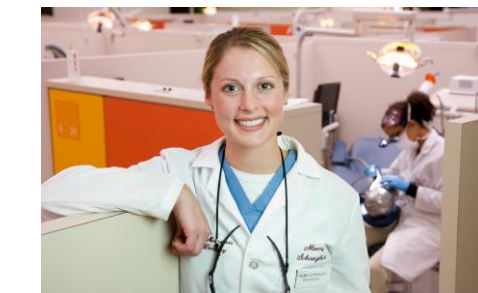
**50%**  
**of Veterinarians**



**Health Care Policymakers**



**70%**  
**of Physicians**



**73% of Dentists**  
**68% of Dental Therapists**



**67%**  
**of Doctors of Nursing Practice**



# Clinical Care

- **University of Minnesota Physicians**

- 50 specialty clinics
- 5 family medicine clinics
- 900 physicians
- 1,600 health professionals/staff

- **Partners**

- Fairview
- HealthPartners
- CentraCare
- Sanford Health Systems
- Essentia
- HCMC
- North Memorial

- **Innovative Nurse Practitioner Clinic**

- **Veterinary Medical Center**

- Small Animal Medicine
- Raptor Center
- Equine Practice



# Patient Centered

Improve  
Standard of Care

Focus on  
Research Strengths

Provide Outstanding Care

Create Stability Through Partnerships





# University Constellation

AHC

Agriculture

Engineering

Law

Business

PLEIADVM CONSTELLATIO.





UNIVERSITY OF MINNESOTA

**Driven to Discover®**

Crookston Duluth Morris Rochester Twin Cities

The University of Minnesota is an equal opportunity educator and employer.



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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Board of Regents

May 11, 2018

**AGENDA ITEM:** M Health

☐

Review

☒

Review + Action

☐

Action

☐

Discussion

☐

*This is a report required by Board policy.*

**PRESENTERS:**

President Eric W. Kaler

Jakub Tolar, Interim Vice President for Health Sciences and Dean of the Medical School

## PURPOSE & KEY POINTS

The purpose of this item is to seek the Board's approval to extend the termination date of the Master Integrated Structure Agreement between the University, University of Minnesota Physicians, and Fairview Health Services to no later than June 30, 2018. The current agreement expires on May 31, 2018.

Since last fall, all parties have been in discussions about the future of this partnership. The parties are working toward a structure that advances the University's goals in high-quality clinical care delivery, improved access, increased research and training across the system, and increased support to the Medical School.

Formal consideration of a letter of intent for a renewed and improved relationship among the organizations is expected at a June Board meeting.

## BACKGROUND INFORMATION

M Health is a joint management structure and virtual financial integration of the operations of the University of Minnesota Medical Center, University of Minnesota Physicians, and integrated services that extend throughout the Fairview system. The original goals of the structure were to deliver a better patient experience; support enhanced clinical quality, innovation, and efficiency; and drive growth and revenue. Goals also included additional funding to enhance the academic mission, increase on-site training and inter-professional education and support for health research.



## **REGENTS OF THE UNIVERSITY OF MINNESOTA**

### **RESOLUTION RELATED TO**

#### **Extension of Master Integrated Structure Agreement**

**WHEREAS**, on May 12, 2017 the Board of Regents ("Board") adopted the Resolution Related to Non-Renewal of the Master Integrated Structure Agreement whereby the Board authorized and directed University of Minnesota ("University") administration to serve a notice of non-renewal pursuant to the terms of that certain Master Integrated Structure Agreement ("MISA") between the University, University of Minnesota Physicians ("UMPhysicians"), and Fairview Health Services ("Fairview") effective June 1, 2013, for the "M Health" relationship, with the hope and expectation that a renegotiated agreement would be put in place among the parties; and

**WHEREAS**, on May 24, 2017, the President of the University carried out the Board's direction by providing the University's unilateral notice of non-renewal of the MISA, such that the MISA and related M Health agreements will end May 31, 2018; and

**WHEREAS**, on May 25, 2017 Fairview provided its own unilateral notice of non-renewal of the MISA, also, but separately, electing to have the MISA and related M Health agreements end May 31, 2018; and

**WHEREAS**, the University, UMPhysicians and Fairview have been engaged in regular meetings and are preparing terms of a letter of intent for a renewed and improved relationship among the organizations, which letter of intent is expected to be presented to the Board and to the governing bodies of UMPhysicians and Fairview for review and approval in the near future.

**NOW, THEREFORE, BE IT RESOLVED** that with an understanding that the University, UMPhysicians and Fairview are working in earnest to finalize terms of a letter of intent describing terms for a new agreement among the organizations, but recognizing that the work may not be finished in time to allow for presentation of a proposed letter of intent to each organization's governing body before May 31, 2018, the Board authorizes the administration to enter into an agreement with Fairview and UMPhysicians to extend the termination date of the MISA and related M Health agreements to no later than June 30, 2018. The Board anticipates formal consideration of the letter of intent at a meeting of the Board in June 2018.



# BOARD OF REGENTS DOCKET ITEM SUMMARY

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**Board of Regents**

**May 11, 2018**

**AGENDA ITEM:** Report of the Committees

☐

**Review**

☐

**Review + Action**

☐

**Action**

☒

**Discussion**

☒ *This is a report required by Board policy.*

**PRESENTERS:** Regent David J. McMillan

## **PURPOSE & KEY POINTS**

Pursuant to Board of Regents Policy: *Board Operations and Agenda Guidelines*, "The Board conducts business through meetings of the Board and its committees.... [and] Committees provide recommendations for action by the Board. Typically, standing committees have the following responsibilities:

- Recommend action on matters where the Board has reserved authority to itself as outlined in Board of Regents Policy: *Reservation and Delegation of Authority* and other Board policies;
- Provide governance oversight on topics within the committee's purview;
- Review and make recommendations on relevant new and existing Board policies;
- Receive reports on policy-related issues affecting University departments and units;
- Receive information items (e.g., status reports on current issues of concern and administrative searches); and
- Review other items placed on the agenda by the Board chair in consultation with the president and Board vice chair."

## **BACKGROUND INFORMATION**

Current committee chairs:

- Audit & Compliance Committee – L. Cohen
- Finance & Operations Committee – T. Anderson
- Governance & Policy Committee – D. Rosha
- Litigation Review Committee – R. Beeson
- Mission Fulfillment Committee – A. Omari