

May 2, 2019

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

Dear Professors Sward and Facelli:

I am writing to express my strong support for the establishment of the Center of Excellence for Exposure Health Informatics (CEEHI). I believe that the creation of this Center is long overdue and will greatly contribute to establishing Utah as a beacon in health exposure research informatics. I find this collaboration as prime example of President Watkins call for the OneU initiative, as you have assembled an impressive team of researchers from across the entire campus.

While at the University of Utah we have numerous activates related to exposure health, we would benefit greatly from a more coherent approach to the development and deployment of critical informatics state-of-the art components necessary to perform health research. I believe that the proposed Center will create the environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research.

As we have discussed previously, my organization will contribute \$2,000 per year towards the establishment of CEEHI, in recognition of this contribution I expect that we will be properly recognize that that CEEHI will provide an annual report on how these funds have been used to further the impact of health related to environmental exposures.

Sincerely,



Willard Dere MD FACP
B. Lue and Hope S. Bettilyon Presidential Endowed Chair in Internal Medicine for Diabetes Research
Associate Vice President for Research (Interim)
Vice Dean for Research, School of Medicine (Interim)
Professor of Internal Medicine
Co-Director, Center for Clinical and Translational Science
Executive Director, Program in Personalized Health
University of Utah Health Sciences Center

DEPARTMENT OF ELECTRICAL
AND COMPUTER ENGINEERING

IRA A. FULTON COLLEGE OF ENGINEERING



27 March 2019

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

Dear Professors Sward and Facelli,

I am writing to express my strong support for the establishment of the Center of Excellence for Exposure Health Informatics (CEEHI). I believe that the creation of this Center will greatly contribute to establishing Utah as a beacon in health exposure research informatics. I welcome the participation of Professor Philip Lundrigan, from my Department as a founding member of the Center.

Sincerely,

Aaron Hawkins
Chair, Department of Electrical and Computer Engineering

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

March 13, 2019

Dear Professors Sward and Facelli,

I am writing to express my strong support for the establishment of the Center of Excellence for Exposure Health Informatics (CEEHI). I believe that the creation of this Center is long overdue and will greatly contribute to establishing Utah as a beacon in health exposure research informatics. I find this collaboration as prime example of President Watkins call for the OneU initiative, as you have assembled an impressive team of researchers from across the entire campus.

While at the University of Utah we have numerous activates related to exposure health, there is a lack of coherence in the development and deployment of critical informatics components necessary to perform exposure health research at the state of the art. I believe that the proposed Center will create the environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. I welcome the participation of Assistant Professor Kerry Kelly, from the Department of Chemical Engineering as a founding member of the Center, and I will encourage you to include additional members of our faculty that can contribute to this important enterprise.

Sincerely,



Milind Deo
Peter D. and Catherine R. Meldrum Professor, Chemical Engineering
Chair, Chemical Engineering



Richard B. Brown

Dean of Engineering
1692 Warnock Engineering Building
72 S. Central Campus Drive
Salt Lake City, Utah 84112
PH: (801) 585-7498 FAX: (801) 581-8692
brown@utah.edu
<http://www.coe.utah.edu/~brown>

April 6, 2019

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

Dear Professors Sward and Facelli:

I am writing to express my strong support for the establishment of the Center of Excellence for Exposure Health Informatics CEEHI). I believe that the creation of this Center will greatly contribute to establishing Utah as a beacon in health exposure research informatics. I find this collaborative effort a prime example of President Watkins call for the One U initiative, as you have assembled an impressive team of researchers from across the entire campus.

The University of Utah has numerous activities related to exposure health. The proposed center will result in coherent development and deployment of critical informatics components necessary to perform exposure health research that significantly enhance the state of the art. It will create an environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. I welcome the participation of Professor Sneha Kasera from the College of Engineering as a founding member of the Center and I will encourage you to include additional members of our College faculty who can contribute to this important enterprise.

Sincerely,

Richard B. Brown,
Dean

April 22, 2019

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

Dear Professors Sward and Facelli,

I am writing to express my strongest support for the establishment of the Center of Excellence for Exposure Health Informatics (CEEHI). I believe that the creation of this Center is long overdue and will greatly contribute to the successful growth of interdisciplinary exposure health research across the University of Utah. This collaboration builds upon previous success with the National Institute of Biomedical Imaging and Bioengineering (NIBIB)-funded Utah PRISMS Center and exemplifies the type of multidisciplinary collaboration consistent with President Watkins' OneU initiative. You have assembled an impressive team of researchers from across the entire campus and the College of Nursing wholeheartedly endorses this center.

At the University of Utah we have numerous research activities related to exposure health; yet, there is a lack of coherence in the development and deployment of critical informatics components necessary to perform exposure health research at the state of the art. I believe that the proposed Center will create the environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. I welcome the participation of Dr. Katherine Sward, from the College of Nursing, as co-Director of this Center proposal, as well as Drs. Mollie Cummins and Catherine States as founding members of the Center, and I will encourage you to include additional members of our faculty that can contribute to this important enterprise.

Dr. Sward is an Associate Professor in Nursing and adjunct Associate Professor in Biomedical Informatics. She has deep familiarity with clinical and translational research and team science, based on more than 10 years of experience with informatics methods, processes, tools, workflows, and artifacts to support complex and multi-center trials. She has extensive experience leading complex research projects and is well poised to co-establish a center. She serves as Co-Investigator for the Utah Trial Innovation Center (U24TR001597; PI Dean) and for

the Utah Data Coordinating Center (U01HD049934; PI Dean). In those roles, she leads efforts for data harmonization, information management, and informatics. She is the contact PI for the NIBIB funded *PRISMS Informatics Platform – Federated Integration Architecture center (U54EB021973)*, part of a national initiative to examine the effects of the environment on health and the grant that serves as the foundation for this Center proposal. With her network of interdisciplinary research colleagues and an amazing drive to address exposure impacts on health by harnessing cutting-edge informatics approaches, I can think of no one better suited to co-lead the efforts to establish the CEEHI.

The Emma Eccles Jones Nursing Research Center of the College of Nursing is well-positioned to support the growth of this center. In FY18, the Research Center achieved a 43% rate of successful funding for extramural funding applications and currently manages a \$32 million portfolio of awards. The Research Center encompasses the entire 20,000 square feet of the 5th floor, and contains 42 private offices and 28 workstations for research assistants. Research rooms, conference rooms and labs are all equipped with state-of-the-art technology and distance conferencing technology, facilitating the interdisciplinary work of researchers. The Statistical Core is comprised of the Director of Applied Statistics, two master's-prepared Senior Research Analysts, two senior faculty statisticians including the Senior Strategic Statistician, and research assistants. The Grants Management Core is comprised of the Director of Research, a research assistant, and 4 full-time administrative staff who assist with the preparation of research and training grants, and post-award management including reporting. The Administrative Assistant to the Associate Dean for Research and PhD program, a Research Assistant-at-large, and a Work Study student also support research activities such as data entry, literature searches, and article retrieval. The center fosters faculty and staff engagement through research teas, writing retreats, and seminars. The center evaluates its services annually and maintains high ratings of faculty satisfaction. Associate Dean for Research Dr. Mollie Cummins oversees the research center and the overall research mission of the College of Nursing. A current co-Investigator on the Utah PRISMS Center and a founding member of the proposed center, she is highly invested in the center's success and will facilitate coordination of CEEHI activities based in the Research Center.

As we have discussed previously, the College of Nursing will house the CEEHI with the goal of sustaining and increasing the multidisciplinary focus initiated with the current PRISMS Informatics grant that is also located in our college. We will work closely with the Department of Biomedical Informatics and the CCTS Biomedical Informatics Core to develop center leadership and to ensure that the CEEHI infrastructure is available to Utah translational researchers who incorporate environmental factors in health-related research. We are currently offering Drs. Sward and Facelli the assistance of a graduate assistant in

developing and organizing pre-center activities. As the administrative home of the CEEHI, College of Nursing administrative staff will initially provide support associated with budgets, pre- and post-award support for grant submissions, and other administrative needs for proposals submitted through the College of Nursing. F&A sharing will be managed through companion accounts or an alternative model consistent with emerging University of Utah policy, with appropriate budgeted support for College of Nursing faculty and post-award staff in order to ensure the overall sustainability of pre-award and post-award services. In addition to the graduate assistant and EEJNRC support services, the College of Nursing will contribute \$2,000 per year towards the establishment of the CEEHI. In recognition of our contributions, I expect that we will be recognized as the academic home of CEEHI, and that the CEEHI will provide an annual report on how College of Nursing resources have been used to further the impact of exposure health.

In summary, I offer my strongest support for this Center proposal. The College of Nursing is honored to play an important role in such an important endeavor.

Sincerely,

A handwritten signature in cursive script, reading "Barbara Wilson".

Barbara Wilson, PhD, RN
Interim Dean and Associate Professor
Associate Dean for Academic Programs

March 28, 2019

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

Dear Professors Sward and Facelli,

We write to express our strong support for the establishment of the Center of Excellence for Exposure Health Informatics (CEEHI). We believe that the creation of this Center is long overdue and will greatly contribute to establishing Utah as a beacon in health exposure research informatics. We find this collaboration as prime example of President Watkins' OneU initiative, as you have assembled an impressive team of researchers from across the entire campus.

While at the University of Utah we have numerous activates related to exposure health, there is a lack of coherence in the development and deployment of critical informatics components necessary to perform exposure health research at the state of the art. We believe that the proposed Center will create the environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. We welcome the participation of Professor Chris Reilly from our department and college as a founding member of the center and will encourage you to include additional members of our faculty that can contribute to this important enterprise.

Sincerely,



Randall T. Peterson, PhD
L. S. Skaggs Presidential Endowed Professor
Dean, College of Pharmacy



Karen S. Wilcox, PhD
Professor and Chair
Department of Pharmacology & Toxicology



Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

Dear Professors Sward and Facelli,

I am writing to express my strong support for the establishment of the Center of Excellence for Exposure Health Informatics (CEEHI). I believe that the creation of this Center is long overdue and will greatly contribute to establishing Utah as a beacon in health exposure research informatics. I find this collaboration is a prime example of President Watkin's call for the OneU initiative, as you have assembled an impressive team of researchers from across the entire campus.

While at the University of Utah we have numerous activities related to exposure health, there is a lack of coherence in the development and deployment of critical informatics components necessary to perform exposure health research at the state of the art. I believe that the proposed Center will create the environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. I welcome the participation of Professors Ramkiran Gouripeddi and Julio Facelli, from my department as a founding member of the Center and I will encourage you to include additional members of our faculty that can contribute to this important enterprise.

As we have discussed previously, the Department of Biomedical Informatics will contribute \$2,000 per year towards the establishment of CEEHI. In recognition of this contribution, I expect that we will be properly recognized and that the CEEHI will provide an annual report on how these funds have been used to further the impact of exposure health.

Sincerely,



Wendy W. Chapman, PhD
Jon M. Huntsman Presidential Endowed Chair
Professor and Chair
Department of Biomedical Informatics

March 20, 2019

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

Dear Professors Sward and Facelli,

I am writing to express my support for the establishment of the Center of Excellence for Exposure Health Informatics (CEEHI). I believe that the creation of this Center will greatly contribute to establishing Utah as a beacon for informatics research on health exposure research. I find this collaboration as an excellent example of President Watkin's call for the OneU initiative. You have assembled a diverse team of top researchers from across the entire campus interested in being involved in CEEHI.

Numerous activities related to exposure health are underway at the University of Utah, including water and air quality studies in the College of Mines and Earth Sciences. However, there is incomplete coordination in the development and utilization of critical informatics research required to perform state-of-the-art exposure health research. The proposed Center will enhance the campus environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. I support the participation of Professor and Chair John Horel from the Department of Atmospheric Sciences in the College of Mines and Earth Sciences as a founding member of the Center. I look forward to having additional members of our faculty contribute to the success of the Center.

Sincerely,



Dr. Darryl P. Butt
Dean
College of Mines and Earth Sciences

March 10, 2019

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing
Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics
University of Utah
Salt Lake City, UT 84112
Re: CEEHI, Dr. Hanseup Kim

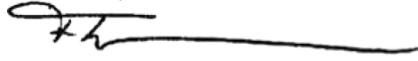
Dear Professors Sward and Facelli,

I am writing to express my strong support for the establishment of the Center of Excellence for Exposure Health Informatics (CEEHI). I believe that the timing is of the essence for the creation of this Center and that it will greatly contribute to establishing Utah as a beacon in health exposure research informatics. I find this collaboration as prime example of President Watkins' call for the OneU initiative, as you have assembled an impressive team of researchers from across the entire campus.

While we have numerous activates related to exposure health at the University of Utah, there is a clear opportunity to create and improve coherence in the development and deployment of critical informatics components necessary to perform exposure health research at the state of the art. I believe that the proposed Center has great potential to create the environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. I welcome the participation of Professor Hanseup Kim, from the Department of Electrical and Computer Engineering as a founding member of the Center, who has an outstanding record in obtaining very high external funding that has made the cover pages of leading journals and generating groundbreaking new scholarship as well as translational impact through his work.

Please do not hesitate to contact me in case of any questions.

Sincerely,



Florian Solzbacher, PhD
Professor,
Chair
Department of Electrical and Computer Engineering
University of Utah

March 27, 2019

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

Dear Professors Sward and Facelli:

We write to express our enthusiastic support for the establishment of the Center of Excellence for Exposure Health Informatics (CEEHI) and for the participation of our faculty in that Center. We believe that the creation of this Center is long overdue and that it will greatly contribute to establishing Utah as a beacon in health exposure research informatics. For this collaboration you have assembled an impressive team of researchers from across the entire campus, including our faculty from the Department of Internal Medicine, aligning it beautifully with President Watkins' call for the OneU initiative.

While we have numerous activities at the University of Utah related to exposure health, there is an important gap related to the development and deployment of critical informatics components necessary for optimal support of state of the art research. We believe that the proposed Center will create the environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. We welcome the participation of Cheryl Pirozzi, M.D., an Assistant Professor in the Division of Respiratory, Critical Care and Occupational Pulmonary Medicine, Department of Internal Medicine, as a founding member of the Center. We also encourage you to include additional members of our faculty who may contribute to this important enterprise.

Sincerely,



Robert Paine III, M.D.
Jon M. Huntsman Presidential Chair
Professor of Internal Medicine
Chief, Division of Respiratory, Critical Care and
Occupational Pulmonary Medicine



David J. Bjorkman, MD, MSPH, SM
Clarence M. and Ruth N. Birrer Presidential
Endowed Chair
Professor and Interim Chair
Department of Internal Medicine



Department of Pediatrics
295 Chipeta Way, 2S010
Salt Lake City, Utah 84108
Phone 801.587.7415

ANGELO P. GIARDINO, MD, PHD
giardino@hsc.utah.edu
Wilma T. Gibson Presidential Professor
Chair, Department of Pediatrics

April 2, 2019

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

Dear Professors Sward and Facelli,

I am writing to express my strong support for the establishment of the Center of Excellence for Exposure Health Informatics (CEEHI). I believe that the creation of this Center is long overdue and will greatly contribute to establishing Utah as a beacon in health exposure research informatics. I find this collaboration as prime example of President Watkins call for the OneU initiative, as you have assembled an impressive team of researchers from across the entire campus.

While at the University of Utah we have numerous activates related to exposure health, there is a lack of coherence in the development and deployment of critical informatics components necessary to perform exposure health research at the state of the art. I believe that the proposed Center will create the environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. I welcome the participation of Scott Collingwood, PhD, from the Department of Pediatrics as a founding member of the Center and I will encourage you to include additional members of our faculty that can contribute to this important enterprise.

Sincerely,

A handwritten signature in blue ink, appearing to read 'A. P. Giardino', with a long horizontal flourish extending to the right.

Angelo P. Giardino, MD, PhD
Wilma T. Gibson Presidential Professor
Chair, Department of Pediatrics
University of Utah School of Medicine
Chief Medical Officer, Primary Children's Hospital

Katherine A Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

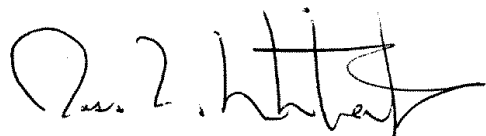
April 17, 2019

Dear Professors Sward and Facelli,

I am writing to express my strong support for the establishment of the Center of Excellence for Exposure Health Informatics CEEHI. I believe that the creation of this Center will greatly contribute to establishing Utah as a beacon in health exposure research informatics. I find this collaborative effort a prime example of President Watkins call for the OneU initiative, as you have assembled an impressive team of researchers from across the entire campus.

The University of Utah has numerous activities related to exposure health. The proposed center will result in coherent development and deployment of critical informatics components necessary to perform exposure health research that significantly enhance the state of the art. It will create the environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. I welcome the participation of Professor Sneha Kumar Kasera, from the School of Computing as a founding member of the Center and I will encourage you to include additional members of our School's faculty that can contribute to this important enterprise.

Sincerely,

A handwritten signature in black ink, appearing to read "Ross Whitaker", with a stylized flourish at the end.

Ross Whitaker,
Director, School of Computing

April 4, 2019

Katherine A. Sward PhD, RN, FAAN
Associate Professor, College of Nursing

Julio C. Facelli, PhD, FACMI
Professor of Biomedical Informatics

Dear Professors Sward and Facelli:

I am very enthusiastic in my support for establishing the Center of Excellence for Exposure Health Informatics (CEEHI). I believe that the creation of this Center will greatly contribute to establishing the University of Utah as a national leader in health exposure research informatics. You have assembled an impressive group of researchers from across this campus, and this collaboration as prime example of President Watkins call for the OneU initiative.

While at the University of Utah we have numerous activates related to exposure health, we would benefit greatly from a more coherent approach to the development and deployment of critical informatics state-of-the art components necessary to perform health research. I believe that the proposed Center will create the environment to catalyze these activities by enhancing our competitiveness to secure significant external funding for exposure health research. I wish you well in this ambitious endeavor.

Sincerely,



Michael L. Good, MD
CEO, University of Utah Health
Dean, University of Utah School of Medicine
Senior Vice President for Health Sciences