Appendix B

STATEMENTS FROM CANDIDATES FOR UGSAC SPRING 2018

College of Education

Eric Knuth, Professor, Curriculum and Instruction

Eric Knuth is a professor of STEM Education in the College of Education. Prior to joining the faculty at UT, he spent 18 years as a professor in the School of Education at the University of Wisconsin-Madison. He received a bachelor's in electrical engineering from the University of Illinois, a master's in mathematics as well as a secondary school mathematics teaching credential from San Diego State University, and a doctorate in mathematics education from the University of Colorado at Boulder. Prior to entering academia, his work experience included four years of teaching high school mathematics and physics, and six years working as an electrical engineer.

His work with undergraduate students has included both teaching and research: at UT, he teaches STEM education undergraduates in the UTeach Program, and he has supported undergraduate engagement in research through his federally-funded research projects.

"I believe my interdisciplinary training and varied work experiences, including teaching high school students preparing to enter college, as well as my experience at another major research university have provided me with unique insights about undergraduate education that I would bring to the Committee. In my short time at UT, I have been impressed with the quality of the undergraduate programs and students, and look forward to the opportunity to be a part of that continuing excellence as a member of the UGSAC."

LBJ School of Public Affairs and

Jeremi Suri, Professor

During last seven years I have worked closely with Undergraduate Studies through my work as an instructor for 400+ undergraduates each year, a supervisor of more than ten undergraduate research/thesis projects each year, and a creator of the first synchronous online US history course at UT. I lecture widely on the topic of undergraduate education and I played a leading role in our recent Campus Conversation on the future of undergraduate education. My research and teaching have received numerous awards, including in the last year: The President's Associates Teaching Excellence Award and the Pro Bene Meritis Award for the promotion of the liberal arts from the UT College of Liberal Arts.

Cockrell School of Engineering

Brian A. Korgel, Professor, Chemical Engineering

Brian A. Korgel is the Edward S. Hyman Chair in Engineering and T. Brockett Hudson Professor of Chemical Engineering at the University of Texas at Austin. He directs the Industry/University Research Center (I/UCRC) for Next Generation Photovoltaics and the Emerging Technologies area of the UT|Portugal program, and he is the Education & Outreach Director for the Center for Dynamics and Control of Materials MRSEC at UT Austin. He is an Associate Editor of Chemistry of Materials and has co-founded two companies, Innovalight and Piñon Technologies. His research focuses on nano & mesoscopic materials chemistry and complex fluids, tackling problems in energy storage, chemical transformations, energy harvesting and conversion, and medicine. He is also an artist, exploring collaboration, language and human-artificial intelligence/robot cohabitation. He has published more than 250 papers and has been a Visiting Professor at the University of Alicante in Spain, the Université Josef Fourier in France and the Chinese Academy of Sciences in Beijing. He received various honors including the Professional Progress Award from the American Institute of Chemical Engineers (AIChE) and membership in the National Academy of Engineering (NAE).

A few additional things: I was a Humanities Institute Fellow in 2016 (the first ever from engineering that I am aware of). For three years, I taught a Maymester course in Barcelona, Spain, on Nanotechnology Innovation and will be teaching the course this year in Japan. I am a huge proponent of study abroad experience for our undergrads. I have also been working to bring art and engineering/science closer together on this campus. Last year I published a paper with a visiting professor in art and an undergraduate art student. I am fairly certain that this is the first ever publication from UT Austin in a scientific peer-reviewed journal co-

authored by faculty from both engineering and art. That student became interested in our research after taking a new laboratory course called "Microbiology for Artists" co-taught by professors in art and botany with students from both art and natural sciences enrolled.

Carolyn C. Seepersad, Associate Professor, Mechanical Engineering
I am an ME professor with 13 years of teaching experience with graduates and undergraduates. I have earned a Regents Outstanding Teaching Award. I am a member of the Provost Teaching Fellows. And, I have started a new freshman research program in mechanical engineering, among other innovations.

School of Social Work

Yolanda Padilla, Professor *(Plans to attend the meeting)*
My name is Yolanda Padilla. I am a professor at the Steve Hicks of Social Work where I serve as the Clara Pope Willoughby Centennial Professor in Child Welfare. I am interested in serving in the School of Undergraduate Studies Advisory Council to support the exciting agenda of the School. UGS is already so beautifully structured and I would love to be a part of it.

I am deeply invested and bring relevant experience to the position. Undergraduate education is my passion and the focus of my teaching in social work and at UGS. I teach a signature course titled HOW TO CHANGE THE WORLD, which I have been teaching for almost 10 years. I also have supervised many students in research and community internships through the Bridging Disciplines Program, Women's and Gender Studies Internships, and other internships, including the Health Science Scholars Capstone Experience Research Project.

In addition, I take my work to a national level in my role as director of the Center for Diversity and Social & Economic Justice, which is a Center of the Council on Social Work Education. The Council advances the quality of social work education at the undergraduate as well as the graduate level. The work of the Center supports the implementation of the *Educational Policy and Accreditation Standards* required for social work programs. Students are expected to demonstrate the ability to integrate and apply social work knowledge, values, and skills to practice situations in a purposeful, intentional, and professional manner to promote human and community well-being. In my role, I am responsible for helping guide the development of innovative curriculum on in the areas of diversity and social justice for over 750 accredited social work undergraduate and graduate programs.