



The University of Kansas Listening Session

As of 10/8/2019 and subject to change

All events are at the KU Memorial Union at The University of Kansas unless otherwise noted

Thursday, October 17, 2019

9 – 9:10 a.m.	Welcome & Opening Remarks Big 12 Room <i>Simon Atkinson, University of Kansas</i>
9:10 – 9:50 a.m.	Keynote #1: The History of Work: Lessons for the Future Big 12 Room <i>Joshua Rosenbloom, Iowa State University</i> Technological change is a constant in human history, but the pace of change and its effect on work and the labor market have accelerated dramatically since the Industrial Revolution. This talk will highlight key insights from the history of that last 250 years with a focus on the experience in the United States. While the future cannot be predicted based solely on the past, I argue that there are three important lessons to be drawn from the experience of the past 250 years. First, it is unlikely that human labor will be displaced in the foreseeable future by robots or AI. Second, technological changes are not exogenous to the labor market. And, third, the challenges posed by technology for the future of work are largely in the realm of political economy and social choice.
9:50 – 10:30 a.m.	Keynote #2: An Ongoing Transition to Automated Manufacturing Big 12 Room <i>Brian McClendon, University of Kansas</i> Automation has changed how manufacturing and labor operate for more than two centuries. From Google, Uber, and Tesla to future factory floors, the jobs that are common today will change. Computers and robots will continue to take over more hard, dangerous, and/or tedious jobs but will also create others.
10:30 – 11 a.m.	BREAK
11 – 12 p.m.	Panel Discussion: Human Technology Partnerships Big 12 Room <i>Moderator: Hyunjin Seo, University of Kansas</i> <i>Tim Pleskac, University of Kansas</i> <i>Ryan Spaulding, University of Kansas Medical Center</i> <i>Chris Harper, University of Kansas Medical Center</i> <i>Nate Kelly, Cerner Corporation</i> Panelists will each provide a few introductory remarks that include an introduction and comments around their interests in Human Technology Partnerships. The moderator will then lead a discussion around the topic.



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12 – 1 p.m.	Lunch, Networking, and Demonstrations
12:15 – 12:30 p.m.	US Army Virtual Staff Ride Program: Bringing the Battlefield into the 21st Century Classroom Parlor <i>Donald Wright, Army University Press</i> The US Army's Staff Ride Program brings soldiers to battlefields to learn timeless lessons about strategy, tactics, leadership, and the use of terrain. Since 2005, the Virtual Staff Ride program at Fort Leavenworth has made inaccessible battlefields available to soldiers through the development and use of digital terrain that allows for free movement on those battlefields. Today, soldiers can attend virtual staff rides for the Battle of Stalingrad (1942), the Battle of Chipuyong-ni (1951), as well as more recent operations in Iraq and Afghanistan. This demonstration will offer views of the digital terrain and an explanation of how that terrain is integrated into an immersive and engaging learning experience.
12:45 – 1 p.m.	Creative Applications in Healthcare Technology Parlor ABC <i>Gregory Thomas, University of Kansas</i> Professor Thomas will present a poster with two of the projects done at the Center for Design Research. Both are the integration of technology in the healthcare environment. One is for the KU Cancer Center that pushes “patient empowerment” by providing existing tools used in conceptually different applications. The other is for Children’s Mercy Hospital with support from Sprint, utilizes robots as a means to interact with pediatric patients and deal with the psychological ramifications of extended hospital stays. Going beyond using robots in the hospital for amusement or limited clinical applications, the project did a deep dive into young patients’ anxiety and loneliness in addition to their physical reasons to be there. Both examples will illustrate the role design thinking plays today and the future patient experience.
1 – 2 p.m.	Panel Discussion: Perspectives on Lifelong Learning Big 12 Room and Jayhawk Room <i>Moderator: Leigh Anne Taylor-Knight, DeBruce Foundation</i> <i>Donna Ginther, University of Kansas</i> <i>Tyler Nottberg, US Engineering</i> <i>Colonel David Parkes, National Simulation Center, Combined Arms Center</i> <i>Sharon Graham, KU Edwards</i> Panelists will each provide a few introductory remarks that include an introduction and comments regarding their interests and activities in lifelong learning. The moderator will then lead a discussion with the audience around lifelong learning.
2 – 2:15 p.m.	BREAK



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2:15 – 4 p.m.	<p>Facilitated Break Out Sessions Big 12 Room, Alderson, Parlor AB, Parlor C, Alcove F and The Crossroads Five simultaneous breakout sessions will occur to explore:</p> <ul style="list-style-type: none"> • Disruptive Technologies • Unintended Consequences • Affected Work Force Sectors • Resulting Challenges and Problems • Discussion of partnerships required to address those challenges
4 – 4:15 p.m.	BREAK
4:15 – 4:45 p.m.	<p>Report Out Big 12 Room <i>Tricia Bergman, University of Kansas</i> Each breakout session will report key findings from their discussions.</p>
4:45 – 5 p.m.	<p>Conclusion and Wrap Up Big 12 Room <i>Anthony Boccanfuso, UIDP</i> <i>Tricia Bergman, University of Kansas</i></p>

