



Coalition of
Urban Serving Universities



Integrating Industry Certifications into Four-Year Degree Programs Cybersecurity Convening Agenda

July 9, 2019
12:00–5:00 p.m.

Dr. Martin Luther King Jr., Library
San Jose State University
150 East San Fernando Street, Room 225/229
San Jose, California 95112

<p>LUNCH AND WELCOME (12:00–1:05 p.m.)</p> <p>Mary Papazian, San Jose State University president, will welcome attendees to the convening.</p> <p>Members of the project team will provide a brief overview of the project and the convening objectives, preview the agenda, and facilitate introductions. Team members will also highlight the definitions of credentials that will be used throughout the convening.</p>	<p>Mary Papazian President, San Jose State University</p> <p>Shari Garmise Executive Director, Coalition of Urban Serving Universities, and Vice President, Urban Initiatives, APLU</p> <p>Julie Uranis Vice President for Online and Strategic Initiatives, UPCEA</p> <p>Karen Elzey Associate Executive Director, Workcred</p>
<p>CERTIFICATION BODY TED-STYLE TALK (1:05–1:25 p.m.)</p> <p>Jeff Frisk, director of the Global Information Assurance Certification (GAIC), will discuss how skills offered in undergraduate programs could be aligned with some of the GIAC certifications.</p>	<p>Jeff Frisk Director, Global Information Assurance Certification</p>
<p>UNVIERSITY TED-STYLE TALK (1:25–1:45 p.m.)</p> <p>Adam Downs, director of Academic Solutions, and Tina Burton, associate dean of the School of Business and Information Technology, at Purdue University Global will showcase a cybersecurity apprenticeship program that embeds certifications and culminates in a bachelor’s degree. Participants should consider what elements of this partnership are transferable to their organization or institution.</p>	<p>Adam Downs Director, Academic Solutions, Purdue University Global</p> <p>Tina Burton Associate Dean, School of Business and Information Technology, Purdue University Global</p>
<p>TABLE DISCUSSIONS (1:45–2:30 p.m.)</p>	<p>Julie Uranis</p>

<p>The goal for this session is to identify opportunities for universities and certification bodies to work together to better serve students by more closely integrating academic programs with national cybersecurity certifications.</p>	<p>All</p>
<p>BREAK (2:30–2:45 p.m.)</p>	
<p>REPORT OUTS AND GROUP DISCUSSION (2:45–3:30 p.m.)</p> <p>Each table will select one person to report to attendees about the discussions related to questions discussed at each table.</p>	<p>Julie Uranis</p> <p>All</p>
<p>TED-STYLE TALK: NATIONAL SECURITY AGENCY (3:30–3:50 p.m.)</p> <p>Lynne Clark, National Centers of Academic Excellence in Cyber Defense Program Office at the National Security Agency, will discuss the Centers for Academic Excellence and current efforts to integrate competency development into academic programs.</p>	<p>Lynne Clark Chief, National Centers of Academic Excellence in Cyber Defense Program Office, National Security Agency</p>
<p>TED-STYLE TALK: USING CERTIFICATION EXAM BLUEPRINTS (3:50–4:10 p.m.)</p> <p>Bhaskar Dawadi, psychometric services manager at (ISC)², will highlight their certification test blueprints and how faculty can use them to align course competencies with certification exam content.</p>	<p>Bhaskar Dawadi Psychometric Services Manager, (ISC)²</p>
<p>FACILITATED DISCUSSION: DEVELOPMENT OF LEARNING OBJECTIVES AND INCORPORATION OF EMPLOYER INPUT (4:10–4:30 p.m.)</p> <p>Sheila Martin will facilitate a discussion about how universities develop learning objectives for classes and how they might consider the needs of input of employers in the process. The discussion will help university and credentialing bodies to talk together about how to share information about these needs and align processes that respond to them.</p>	<p>Sheila Martin Vice President, Economic Development and Community Engagement, APLU</p>
<p>TAKEAWAYS (4:30–4:50 p.m.)</p> <p>Participants will complete an online survey that asks for one takeaway and one question from today’s session. Participants are asked to share their thoughts with the group. Other takeaways and questions will be highlighted during tomorrow’s session.</p>	<p>Sheila Martin</p> <p>All</p>
<p>WRAP UP AND CLOSING REMARKS (4:50–5:00 p.m.)</p>	<p>Sheila Martin</p>
<p>ADJOURNMENT (5:00 p.m.)</p>	



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July 10, 2019
8:30 a.m.–12:30 p.m.

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150 E San Fernando Street, Room 225/229
San Jose, California 95112

<p>BREAKFAST (8:30–8:45 a.m.)</p>	
<p>WELCOME AND REFLECTIONS (8:45–9:00 a.m.)</p> <p>The convening will begin with a recap of the discussions from yesterday’s sessions.</p>	<p>Shalin Jyotishi Assistant Director, Economic Development and Community Engagement, APLU</p> <p>Andréa Rodriguez Assistant Director for Urban Initiatives/USU, APLU</p>
<p>UNCONFERENCE (9:00–9:30 a.m.)</p> <p>Participants will rank the questions that arose from day one’s survey input. Participants will then select the question they wish to discuss with their colleagues.</p>	<p>Shalin Jyotishi</p> <p>Andréa Rodriguez</p>
<p>TED-STYLE TALK: USING THE NICE FRAMEWORK (9:30–9:45 a.m.)</p> <p>Marian Merritt, lead for industry engagement at NICE, will showcase how universities and certification bodies can use the NICE cybersecurity workforce framework.</p> <p>NOTES:</p> <ul style="list-style-type: none"> Marian Merritt will speak for 10 minutes and there will be 5 minutes for questions. 	<p>Marian Merritt Lead for Industry Engagement, National Initiative for Cybersecurity Education (NICE) at the National Institute of Standards and Technology</p>
<p>TED-STYLE TALK: CROSS-CUTTING CERTIFICATIONS (9:45–10:15 a.m.)</p> <p>Ashley Dalton Forsyth, academic programs specialist at Project Management Institute, and Demetrius Norman, senior specialist, academic initiatives from SHRM will highlight examples of partnerships they have with a four-year institution or a resource that could be used to help integrate cyber certifications into degrees.</p>	<p>Ashley Dalton Forsyth Academic Programs Specialist, Project Management Institute</p> <p>Demetrius Norman Senior Specialist, Academic Initiatives, Society for Human Resource Management (SHRM)</p>

<p>MODELING EXERCISE (10:15–10:45 a.m.)</p> <p>Using the information from the previous discussions, participants will work at their tables to create a model for a type of partnership that could be developed and implemented by their university or certification body.</p>	<p>Roy Swift Executive Director, Workcred</p> <p>All</p>
<p>REPORT OUTS AND GROUP DISCUSSION (10:45–11:10 a.m.)</p> <p>Each table will be asked to share details of their model.</p>	<p>Roy Swift</p> <p>All</p>
<p>BREAK (11:10 a.m.–11:25 a.m.)</p>	
<p>FOCUS GROUP: DATA ANALYTICS/SCIENCE CERTIFICATION (11:25 a.m.–12:15 p.m.)</p> <p>On May 6, CompTIA announced that it is exploring a new certification in data analytics/science. Randy Gross, chief information officer and SVP of Certification Operations for CompTIA will facilitate a discussion with attendees about how this certification could be beneficial to academic programs or other certification bodies.</p>	<p>Randy Gross Chief Information Officer and SVP, Certification Operations, CompTIA</p>
<p>WRAP UP, FINAL TAKEAWAYS, AND CLOSING REMARKS (12:15–12:30 p.m.)</p> <p>Participants will complete an online post-convening survey. Data gathered from the survey will help design a roadmap for this ongoing project. Final findings and learnings will be shared with the group upon completion of the project.</p>	<p>Shari Garmise Executive Director, Coalition of Urban Serving Universities, and Vice President, Urban Initiatives, APLU</p>
<p>ADJOURNMENT (12:30 p.m.)</p>	