

Iowa Governor's STEM Advisory Council Meeting XVIII

Camp Dodge | Iowa National Guard | 7105 Northwest 70th Avenue | Johnston, Iowa

October 2, 2017 (Monday) | 10:00AM to 2:00PM



Special pre-meeting event FREEDOM CENTER

FREEDOM CTR Hallway 8:30-9:20am	Continental Breakfast and Conversation
ROOM C-04 9:30-10:00am	Governor's Press Conference – debut of 2016-17 STEM Evaluation Report

Governor's STEM Advisory Council FREEDOM CENTER

BALLROOM 10:00 to 10:15am	<p>Welcome to Camp Dodge – Major General Timothy Orr</p> <p>Welcome from Co-Chairs</p> <p>The Honorable Kim Reynolds, Governor of the State of Iowa, and Mr. Roger Hargens, President and CEO of Accumold <i>Co-Chairs, Governor's STEM Advisory Council</i></p> <p>Opening remarks, welcome new STEM Council members, renewed members, continuing members.</p>
10:15 to 10:20am	Overview of today's meeting – Executive Director Jeff Weld

Video Vignette: Career in STEM

10:20 to 10:50am	<p>STEM Network Regional Hubs – status update</p> <ul style="list-style-type: none"> • Term II reports - digest • Remarks by Hub Institution PIs: <ul style="list-style-type: none"> ○ Janet McMahon, Drake University ○ Lon Moeller, University of Iowa/Kirkwood Community College ○ Barb Crittenden, Southwestern Community College ○ Jonathan Wickert or John Lawrence or Chad Higgins, Iowa State University ○ Patrick Pease, University of Northern Iowa ○ Val Newhouse, Iowa Lakes Community College • Q n' A
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Video Vignette: STEM Scale-Up Program

10:50 to 11:35am	<p>STEM 2016-17 Annual Report Highlights</p> <ul style="list-style-type: none"> • Dr. Erin Heiden, Senior Research Scientist, UNI Center for Social and Behavioral Research <p>Iowa STEM Education Evaluation, NSF grant # DRL-1238211 Highlights</p> <ul style="list-style-type: none"> • Mari Kemis, Director, ISU Research Institute for Studies in Education
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<i>Video Vignette: An Externship</i>	
11:35 to 12:00pm	STEM Teacher Externship Profile: Jace Arends, Mathematics Teacher, Roosevelt High School, Des Moines Ben Bunge, Project Manager II, Weitz Company Alex Liebrecht, Mathematics Teacher, Dowling Catholic High School, West Des Moines Amy Williams, Director Human Resources, Weitz Company
12:00 - 12:15pm	Lunch break
12:15 – 12:30pm	Iowa National Guard STEM Programs – Colonel Joseph A. Ascherl, Director of Staff, Air Iowa Air National Guard
12:30 to 1:15pm	Set Our Course for the Year Ahead: Toward Future Ready Iowans 1. Table-group discussion: of this array, what three (3) rise to priority the year(s) ahead? and *how* to advance? a) Diversify participation in STEM programs toward more underserved youth b) Increase business and industry engagement in STEM c) Expand messaging and communication to enlist more Iowans d) Expand STEM programming for early childhood and elementary ages e) Expand STEM programming for middle and secondary students f) Foster stronger participation roles for higher education institutions g) Target programming more on formal K-12 education sector h) Target programming more on the informal or nonformal education sector i) Focus on “fast-track” skilled trades career pathways j) Focus on four-year and graduate-level career pathways k) Embed STEM more deeply into existent structures (AEAs, Extension, state agencies, etc.) l) Other priority not yet mentioned
1:15 to 1:55pm	2. Report out by table: Provide table consensus (if possible) with background rationales. <i>NEXT Steps: Results to Co-Chairs, then Ops Team and Reg. Boards to figure out operationalization</i>
<i>Video Vignette: I.O.W.A. STEM Teacher Award sponsored by Kemin</i>	
1:55 to 2:00pm	Closing Remarks and Reflections from Co-Chair Mr. Roger Hargens, President and CEO of Accumold <i>Co-Chair, Governor’s STEM Advisory Council</i>

2:15pm Bus Tour (options): Camp Dodge

NEXT STEM COUNCIL MEETING: April 5, 2018 (Thursday) – Drake University