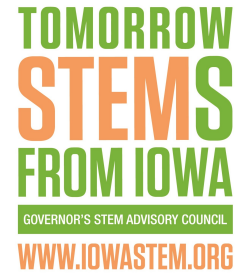# Iowa Governor's STEM Advisory Council, Meeting 24
DMACC Urban Campus | 1100 7th Street | Building 7 | Des Moines

May 24, 2022 (Tuesday) | 3:30PM to 5:00PM

TOMORROW STEMS FROM IOWA
GOVERNOR'S STEM ADVISORY COUNCIL
WWW.IOWASTEM.ORG

Governor's STEM Advisory Council	Room 170	
3:00 to 3:30	Refreshments and Conversation for Early Arrivers
3:30 to 3:40	Welcome to the Des Moines Area Community College Urban Campus – President Rob Denson Welcome from Co-Chair Governor Kim Reynolds (recorded) and Co-Chair Diane Young, Director of Technical Services/Owner, Foundation Analytical Laboratory, Inc.
3:40- 3:45	Window into a STEM BEST: *MFL Mar Mac*
3:45 to 3:55	STEM – RAPIL IMPACT – Scholarship Recipient David McMurrin
3:55 to 4:10	**2021-22 Annual Assessment Report Fresh Insights** – Dr. Erin Heiden, University of Northern Iowa Center for Social and Behavioral Research Assistant Director
4:10 to 4:35	**Working Group Updates (5 minutes each):** • Diversity, Equity and Inclusion Implementation: Dr. Sara Nelson and Carly Harper • Creativity and Innovation Task Force Implementation: Chris Kramer and Yen Verhoeven • Career Guidance Implementation: Rob Denson • Rural Iowa STEM Education: Mauree Haage • Computer Science is Elementary: Mary Trent
4:35 to 4:50	**STEM Council Inputs from Meeting 23 (January 21, 2022)** – Dr. Jeff Weld, STEM Council Executive Director
4:50 to 4:55	**The Perspective from a Regional STEM Hub Institution Supervisor** – Tom Lesan, Southwestern Community College Vice President for Economic Development
4:55 to 5:00	**Closing Remarks and Reflections: Council Member and Student Representative Emily Wilkerson**
5:00	**Adjournment**

dedicated to building a strong STEM education foundation for all Iowans

STEM Council Inputs 01-21-2022, processed by Network Team							
Just untenable	*Why*	**Needs more clarity**	**Requires new funding/personnel**	**An owned lane**	**Already do this**	**Taking Action**	**How**
Metric # of youth who stay in IA.	*Multivariate cause/effect*	Employer/educator roadmaps to connect STEM	Retired, diverse teachers as mentors	Shorter externships (Intermediaries, AEAs, BOEE)	Pre-service Externs	BEST roadshow promo. tactic. →	Adapting Fest model for more of this
Council Member Ideas, Suggestions		STEM Council 101 transportable prog.	District STEM Excellence Awards*	Make 4-year plans more useful (IDE)	More fun and engaging programs	Market Externships →	New/addn'tnl marketing being developed
		Engage private college kids in offerings	Pick scale-ups to stick with	Help teachers as career coaches (IDE's MCC initiative)	Reach homeschoolers	Parent careers awareness campaign →	Help drive the IDE MCC initiative
		Community STEM grants	Quick job-shadows tied to tours	Fund Regional Career Ctrs (IDE)	Align scale-up to Standards and jobs	Legislators awareness →	Invitations to sites, events
		Replace under-performing progs. (needs definition)	Iowa STEM Games, Career Camps, Internships for HS-ers	More counselors and CCTCs (IDE)	Deeper Scale-up penetrance in schools (journey)	Collaborate w/Intermediaries, 4-H, others →	Seek board apptmts. Co-plan Fests.
		Would the offerer of these ideas please contact the executive director for more clarity?	Clearinghouse for all summer STEM activities across Iowa	Engage the unemployed and inmates	More career-linked learning for diverse kids. Measure (journey)	Board members to other regional mtgs →	Invitation interchange implemented
			Although a new award program would require funds and personnel, we can and will consider means for recognizing deeply engaged districts.		Connect workforce needs to ed. practice	More grade 6-12 scale-ups →	Select more integrable programs
						Peer group convenings; community connections →	Adapting Fest model for more of this
						Involve school boards and administrators →	Extending invitations to trainings, events
						More events like CSEd week →	Adapting Fest model for more of this
						One-stop Shop for all Fests →	Building a link at IowaSTEM.org