

Governor's Science and Technology Council Meeting

Date and Time: February 14, 2018, 9:00 – 11:30 a.m.
Host: C. Michael Carolina, OCAST (The Lemon Conference Room, Gene Rainbolt Graduate School of Business)

Call to order by Secretary Droegemeier – 9:00 a.m.

Members attending (quorum established)

Kelvin Droegemeier (Chair)
Brenda Rolls (Vice Chair)
Jesse Anderson
Michael Carolina
Colin Cumming
David Humphrey
Dave King through his designee Shannan Callies
Alicia J. Knoedler
Scott Meacham
Brenda Rolls
Vickie Rose
Robin Schott
Kenneth Sewell

Guests attending

Linda Hicks, Retired OCAST employee

Minutes from Last Meeting

Minutes from the January 17, 2018 meeting were approved (motion by Dr. Sewell, second by Mr. Humphrey)

Ceremony

Secretary Droegemeier presented Linda Hicks commendations from Governor Fallin and the Oklahoma State Senate and Oklahoma State House for her years of state service

Introductory Remarks

Secretary Droegemeier's introductory remarks included a brief overview of the Gene Rainbolt Graduate School of Business (GRGSB) from Dr. Eddie Edwards of the GRGSB

Discussion of Action Items Matrix, Council Member Reports and Subcommittee Engagements

Representation of women

Secretary Droegemeier reminded the Council that a replacement is needed for Sandy Johnson, and he asked Council members to kindly provide recommendations. He showed a slide of the current membership and associated affiliation types (e.g., private sector, State government, etc.,) and pointed members to the Council's web site for additional member information.

Data analytics and how the State can incorporate a recruitment initiative that encompasses participation of universities, health care, super infrastructure and one-net

- Find funding to support innovation initiatives
- Must have the right person to help focus what to do with the data that is generated
- Break down data analytics in a digestible format that will also spark excitement

Michael Carolina, Executive Director of Oklahoma Center for the Advancement of Science and Technology (OCAST) presented OCAST's potential role in data analytics and how OCAST could establish a Center for Data Analytics

- Review companies that have accomplished the use of data analytics and see if their methods will work for future applications. An example presented was the company SABER
- Higher education and business collaborating to formulate (enhance) degrees that are relevant to employers
 - Continued engagement of teachers and students with encouragement of higher education will focus on the proper degree programs that will better apply to workforce needs
- Achievement of this incorporation of the usage of data analytics will translate to retention of employment in the OK workforce

Alicia Knoedler, Associate Vice President for Research, Director, Center for Research Program Development and Enrichment presented *Computer Science and Related Degree Programs in Oklahoma, A 10-Year Comparison, 2004-2014*. The presentation discussed educational trends on the higher education level dealing with computer science and related programs

- Determine the cluster relationship between hiring people with associates and bachelor degrees
- Develop how Oklahoma can be a one stop shop of learning, training, testing and long term employment for those who graduate from one of the State's institutions

Brenda Rolls, President and CEO of Frontier Electronics Systems, Corp., presentation focused on the priorities of the Council

- Narrow the definition of STEM
- Set of talking points to promote Council's agenda to make stakeholders aware of STEM in OK
 - Implement a sub-committee for this
 - Define successful accomplishment(s) of the sub-committee
- Designate an entity or authority to spearhead STEM by facilitating universities, government and private business to promote statewide STEM
- Work with other entities involved with STEM education to strengthen the (STEM) pipeline

Council discussed how to inform new gubernatorial administration of the role of the STC
A focused (3 points maximum) transitional document should be submitted

Details what STC has done to advance S&T in Oklahoma

Compile what STC has done over the last few years and pass on to the new

governor so new administration will not have to start from scratch
 Details what STC can continue to do for the State of Oklahoma
 Details changes STC can make to continue to accomplish its goals

The Council agreed to three sub-committees. The asterisk by the person's name means they are the coordinator for that committee.

Transition	STEM	Cluster
M. Carolina	D. Greer	K. Sewell
S. Meacham	*B. Rolls	*K. Droegemeier
D. Humphrey	V. Rose	C. Cumming
V. Rose	R. Schott	D. King
*A. Knoedler	J. Malayer	D. Greer
W. Thomas	K. Parker	J. Anderson

There was discussion of tentative speakers for upcoming meetings:

- Suggested speaker - someone from the Innovation District in OKC
- Suggested speaker - someone from 36°N in Tulsa
- Suggested speakers - David Kendrick and a public school superintendent

The meeting was adjourned at 11:28 a.m.

Next meeting: March 15, 2018 at Five Partners Place, VPR Conference Room 3201, 201 Stephenson Parkway, Norman, OK

Future Meetings Registered with the Oklahoma Secretary of State's Office:

DAY	DATE	TIME	PLACE
Thursday	3/15/2018	2pm to 4pm	Five Partners Place, VPR Conference Room 3201, 201 Stephenson Parkway,
Thursday	5/17/2018	2pm to 4pm	Five Partners Place, VPR Conference Room 3201, 201 Stephenson Parkway,
Thursday	7/12/2018	9am to 11:00am	Five Partners Place, VPR Conference Room 3201, 201 Stephenson Parkway,
Thursday	9/20/2018	2pm to 4pm	Five Partners Place, VPR Conference Room 3201, 201 Stephenson Parkway,
Thursday	11/8/2018	9am to 11am	Five Partners Place, VPR Conference Room 3201, 201 Stephenson Parkway,
Tuesday	01/15/2019	2pm to 4pm	Five Partners Place, VPR Conference Room 3201, 201 Stephenson Parkway,

Minutes recorded and transcribed by J. Colina and approved by the S&T Council at the regular or special meeting dated March 15, 2018.