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PUBLIC MEETING NOTICE AND AGENDA

Name of Organization: Advisory Council on Science, Technology, Engineering and Mathematics (STEM) Advisory Council

Date and Time of Meeting: June 24, 2016, 10:00 AM

Place of Meeting: Nevada Discovery Museum
490 South Center Street
Reno, NV 89501
Conference Room

MINUTES

I. Call to Order/Roll Call

Mark Newburn, Co-Chair
Kelly Barber, Co-Chair

Ms. Barber called the meeting to order at 10:06 am. She will run the meeting today.

Members Present: Mark Newburn, Shelace Shoemaker, Marcus Mason, Dr. Anne Grisham, Kelly Barber, James Huckaby, Dave Brancamp, Dr. Carl Reiber, Cory Hunt, Kristine Nelson

Members Excused: Gerd Poppinga, Judy Kraus, Robert Elliott, Richard Knoeppel

Guest Present: Matt Sinclair

Staff Present: Brian Mitchell, Dale Ann Luzzi

A quorum was declared.

- II. **Public Comment** (No action may be taken upon a matter raised under public comment period unless the matter itself has been specifically included on an agenda as an action item.)

There was no public comment.

- III. **Welcoming Remarks** (For Information/Discussion)
Mark Newburn, Co-Chair
Kelly Barber, Co-Chair

Ms. Barber welcomed everyone to the meeting and thanked them for attending and is looking forward to getting a lot of good work done.

- IV. **Approval of the Minutes from the April 25, 2016 meeting** (For possible action)
Mark Newburn, Co-Chair
Kelly Barber, Co-Chair

Dr. Grisham made a motion to approve the minutes as written. Dr. Reiber seconded the motion. The motion passed unanimously.

- V. **Welcoming Remarks** (For Information/Discussion)
Matthew Sinclair, Executive Director, Discovery Museum

Mr. Sinclair welcomed everyone to the Discovery Museum and provided a brief history of the inception of the museum from 2004 until September 2011 when the museum opened. The Discovery is Nevada's largest hands-on science museum with the core constituents as families with children under the age of 12. The museum has between 160,000-170,000 visitors annually.
(Attachment A)

- VI. **Review of STEM Teacher/Administrator Survey Data** (For Information/Discussion)
Brian Mitchell, Director, Governor's Office of Science, Innovation and Technology (OSIT)

Mr. Mitchell reviewed the results of the STEM survey for the council members (Attachment B). The pilot survey had 75 responses and the second survey had 202, which was a better representation of the state. Dr. Grisham asked if the results could be broken down between elementary, middle and high schools. Mr. Mitchell said he could filter the spreadsheet by type of school and would have the results at the next meeting. Mr. Mason said it would also be interesting to break it down between teachers and administrators. Dr. Reiber asked if it would be possible to look at results from other states and see how Nevada compares. Mr. Mitchell suggested the survey subcommittee invite some of the people who gave their contact information, to provide the subcommittee with further thoughts at their next meeting.

VII. Review and Discussion of the Strategic Plan (For possible action)
Brian Mitchell, Director, OSIT

Mr. Mitchell reviewed for the Advisory Council the statutory charge regarding the strategic plan. He also shared with the Council the goals from the Governor's strategic plan regarding STEM: increase student proficiency, enrollment, and attainment rates in STEM-focused coursework and programs; expand the availability of STEM-focused career pathways and training.

Mr. Mitchell noted that STEM is a big part of where the Governor sees the state going. Mr. Mitchell outlined the timeline for the plan. From January to May the subcommittee met and identify areas of focus. Today the entire Advisory Council will review the subcommittees work and refine it. Then an outline for circulation to stakeholders for feedback will be developed to make sure the plan is on right track. The draft will be finalized by September/October with the final plan ready by November. Mr. Newburn asked "how do we as a group inform the legislative session in terms of resources we need moving forward?"

Mr. Mitchell said that he would keep key people in the legislature and staff in the Governor's office informed as the direction that the Council is going. He has also been told that if we have something by November that we will be able to influence the process. Mr. Mitchell told the Council that Senator Woodhouse is our STEM champion and will carry a bill if we need it. The Advisory Council then broke up into groups of two and discussed needs. They came back together as a group and discussed the different needs and barriers (Attachment C). The Council then broke up into four groups to discuss the strategic priorities that the subcommittee created: interest/awareness, quality/scope, equality/access, alignment /engagement. Mr. Mitchell said that the strategic plan subcommittee is now looking to the full Council for input since not every good idea is on the list and to add/subtract things from the list. The Council came back together to put the list into priorities and decide what should go into the strategic plan.

VIII. Update on STEM Marketing Plan (For Information/Discussion)
Brian Mitchell, Director, OSIT

Mr. Mitchell told the Council that he has been meeting with members of the legislature and other elected officials from the city and county levels. He said everyone has been enthusiastic. Mr. Mitchell said moving forward that there will be a launch event with the Governor sometime in September and the initiative will culminate with the school recognition events in May. There will also be themes for each month that will match with industry monthly promotions. Mr. Mitchell told the Council a web developer has been contracted to develop a website to promote STEM. The website will have career information with the data from NPWR and also function as a calendar where people will be able to submit events, coordinate events and find events.

- IX. Review and Possible Selection of STEM Advisory Council Fiscal Agent
(For possible action)
Brian Mitchell, Director, OSIT

Mr. Mitchell reviewed for the Council the Request for Proposal (RFP) that was sent out to people who were interested in applying. The only response received was from the Clark County Public Education Foundation. (Attachment D). Mr. Newburn made a motion to approve the Clark County Public Education Foundation as the fiscal agent for the STEM Advisory Council. Dr. Reiber seconded the motion. The motion passed unanimously.

- X. Subcommittee Reports (For possible action)
Recognition Subcommittee

Ms. Shoemaker reported for the recognition subcommittee. She told the Council that the subcommittee discussed whether or not the events should coincide with science fairs or be a standalone events. They also discussed who would score the applications. Since this will be the first time for these events, adjustments will be made as future events are planned. Ms. Shoemaker said that the schools that are exemplary would be paired up as mentors for other schools. The subcommittee also discussed keynote speakers for the events. Senator Woodhouse was mentioned as a possibility. The subcommittee also discussed refreshments for the events based on the budget and where the events would be held and who would be attending. The subcommittee is still working out the details. Mr. Mitchell told the Council that in speaking with Senator Woodhouse her vision was that these events would increase community awareness of STEM.

- XI. Tour of the Discovery Museum (For Information/Discussion)
Matthew Sinclair, Executive Director, Discovery Museum

- XII. Consider Agenda Items for the Next Meeting (For possible action)
- Update on marketing
 - Update on the strategic plan
 - Invite some stakeholders for their reaction/comments to the strategic plan
 - Update on Arts Council
 - Break down the data from the survey by school type

- XIII. Next Meeting Date is July 25, 2016. The meeting will be video conferenced between the Blasdel Building, in Carson City and the Grant Sawyer Building in Las Vegas.

- XIV. Public Comment (No action may be taken upon a matter raised under public comment period unless the matter itself has been specifically included on an agenda as an action item.)
There was no public comment.

XV. Adjournment

The formal meeting adjourned and the Council members took a tour of the Discovery museum lead by Matt Sinclair.