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MINUTES

Name of Organization: **Integrating Arts & Culture into STEM (IACS)
Subcommittee of the Science, Technology,
Engineering and Mathematics (STEM) Advisory Council**

Date and Time of Meeting: **Wednesday, June 14, 2017 at 9:00 A.M.**

Place of Meeting: Governor's Office of Science Innovation and
Technology (OSIT)
100 North Stewart Street, Suite 220
Carson City, NV 89701

Please use the following numbers to join the conference call:

North: 775-687-0999 or
South: 702-486-5260

Access Code: 70987 push #

I. Call to Order/Roll Call
Aimee Allen, Chair

Members Present: Aimee Allen, Dave Brancamp, Marisa Cooper, MaryJane Dorofachuk, Tia Flores, Sarah Gobbs-Hill, Craig Rosen, Candy Schneider, Sue Dehart, Julye Neel, and Candace Garlock

Members Absent: Jeneane Harter, Meghan Schiedel, and Tifferney White

Guests Present: Amy Barthel, Music Teacher at Washoe County School District

Staff Present: Debra Petrelli

II. Public Comment

There was no public comment.

III. Opening Remarks and Announcements.

Aimee Allen, Chair

Chair Allen welcomed everyone and had the following new IACS Team Members introduced, Sue DeHart, Elementary Fine Arts Coordinator at Clark County School District (CCSD), introduced by Candy Schneider; Julye Neel, Fine Arts Coordinator & Music Supervisor at Washoe County School District (WCSD), introduced by MaryJane Dorofachuk; Candace Garlock, Fine Arts, College Instructor at Truckee Meadows Community College, introduced by Tia Flores.

IV. Approval of the Minutes from the February 8, 2017 and March 27, 2017 meetings (For possible action)

Aimee Allen, Chair

Chair Allen made a motion to approve the Minutes of February 8, 2017 and March 27, 2017. Ms. Gobbs-Hill seconded the motion. The motion passed unanimously.

V. New Business: (For information only)

Aimee Allen, Chair

Marisa Cooper

Craig Rosen

There was discussion on achieving the subcommittee's goals and working on definitions. Ms. Cooper and Mr. Rosen discussed "Exploring STEAM Education" and how well received it was at the Nevada Museum of Art. The project was expanded statewide in 2017, to be held in the north and the south, helping to bring best practices across the state. It is branded the Nevada STEAM Conference. She further discussed the theme, "The Nuclear Landscape" and the additional tour being offered at the Nevada Test Site, one week following the conference. The conference date is set for Saturday, February 24, 2018. Ms. Schneider commented on the tour, explaining it is a bonus experience separate from the STEAM conference. Chair Allen discussed the curriculum of this year's conference. Ms. Dorofachuk said there may be professional development funds available for teachers that are going to travel from Las Vegas to Reno. She said she would check into it and report back to the subcommittee. Mr. Rosen asked whether the Governor's Office of Science, Innovation and Technology would have available funds for this purpose. Ms. Dorofachuk asked whether there is any interest in funding from the National Endowment of the Arts, perhaps it falls within their guidelines. She said she would check into that avenue as well. Chair Allen discussed programming and different components. Ms. Cooper said she

hopes all members of this subcommittee are interested in presenting at the event or collaborating with other organizations or individuals. Chair Allen asked whether it would impact this subcommittee if a “breakout-group” participating in that conference. The question was referred to Mr. Mitchell. It was also asked if this subcommittee wanted to be listed as a formal partner for this conference, and whether that is something that could be put on the agenda as an action item, moving forward for the next meeting. This was also referred to Mr. Mitchell. Ms. Cooper said she has a list of the arts and artists that will be on display during that conference, which will help us find how we can connect art and science across the nuclear landscape. She asked any members interested in presenting at the conference to contact her. Their first committee meeting will be in late July 2017. She suggested that anyone wanting to participate, to contact her. Chair Allen reaffirmed the date of February 23, 2018, for an IACS gathering to discuss their platform as a formal collaborator at the conference, which was offered to be hosted at the Nevada Museum of Art.

VI. IASC Member Announcements. (For information only)

Aimee Allen, Chair
Brian Mitchell
MaryJane Dorofachuk
Craig Rosen
Dave Brancamp

Chair Allen announced the STEM Advisory Council “In-Person” Meeting is scheduled for July 7, 2017 at 10:30 A.M. – 2:30 P.M. at the Grant Sawyer Building, 555 E. Washington Ave, #5100 in Las Vegas. She said the IASC subcommittee’s presentation will happen after 1:00 P.M. Marissa Cooper will be representing this subcommittee at that meeting, but all members are invited. This meeting will also be conference into Carson City at the Nevada State Library and Archives Building, Conference Room C (2nd Floor).

Ms. Dorofachuk, with the NV Arts Council, brought to the attention of the subcommittee, as a resource, Innovation Collaborative. She discussed participation, and said it is a national project that is developing research foundations for the science, technology, engineering, arts, humanities, and math (STEAM) movement in out-of-school learning settings. Participation will result in the respective institution being included in their listing of participating National Institutions.

Ms. Dorofachuk announced the opening of The Artist in Schools + Community Roster this summer. She asked for feedback from members of the subcommittee, and to consider encouraging teaching artists, that address STEAM and arts integration, to apply. She asked that members email her directly regarding this opportunity with their comments.

Mr. Rosen commented on the United Way in Southern Nevada conference, Collabcon 2017, wherein he has been asked to make a presentation. It is about collaborations and best practices between non-profit business and government, etc. He has reached out to other Southern Nevada friends for collaboration to help put this workshop on. Chair Allen agreed to participate.

Mr. Rosen commented on Green Power, which has transitioned and are no longer known as Green Power due to it being very misleading. Desert Research Institute (DRI) has adopted a new name for the research group, Science Alive.

Ms. Dorofachuk commented on the Nevada State Plan for implementing Every Student Succeeds Act (ESSA), and its impact on student engagement in the Arts. She said after the Department of Education (DOE) responded and helped go over the standards to revise them, it appears there is a good possibility that the arts education will be included in the State's Dashboard website and school report card system. Mr. Brancamp commented on feedback from ESSA plans that had been submitted to the federal government. He pointed out the feedback was for clarification and will not adversely affect this group with its effort in STEAM. None of the feedback was negative.

Ms. Gobbs-Hill commented on Nevada Discovery Museum and their visiting artists program. She asked members to reach out to her at any time with artists that would like to share what they are doing. The program is presented once a month.

Ms. Dehart spoke about Clark County School District's "Confabulation" event, which is an arts and integration conference, in its fourth year. Previously it was grant funded, and now operates with general funding in partnership with The Smith Center and Doral Academy. They had in excess of 230 people attend this year.

Ms. Cooper invited the subcommittee members to the Nevada Museum of Art's 2017 Art and Environment Conference, which is held every three years. It is a good way to start thinking about how we integrate art into environment and science in interesting ways. This event is October 19, 20, and 21, 2017, and brings together a global collection of artists, scholars, scientists, academics and philosophers.

Ms. Flores commented on a year-long arts integration program at Sierra Arts Foundation with Veterans Memorial STEM Elementary School on what an arts integration program looks like. She said two teachers, from Veterans were interviewed and videotaped. This is the link to the Youtube video of the interview talking about their participation in that experience;
<https://www.youtube.com/watch?v=H9ozGyHPbt0>

Ms. Flores said it included not only arts integration in a core subject, but according to the interview, it had significant impact on student learning. She said from that interview, they decided to send out an application process to all elementary school principals in the district to apply for an arts integration program.

Ms. Neel commented on the efforts of Sierra Arts and how they have aligned with the Nevada Legislation, "Read By Grade 3" program. She talked about different professional development courses that are offered by the Clark County School District (CCSD) for music teachers, moving music teachers more in the direction of collaboration with grade-level teachers in science and social studies.

Ms. Garlock shared information from Truckee Meadows Community College (TMCC) regarding interdisciplinary STEAM courses for 2017 – 2018, offering courses in animal interactions. She said in connection to these courses they are planning a community panel, movie and student presentation event on March 12 – 16, 2018.

VII. Consider Agenda Items for the Next Meeting (For information only)
Aimee Allen, Chair

Chair Allen said items for the next meeting we will include the planning committee as an official partner at the next Nevada STEAM Conference on February 24, 2018. Mr. Rosen suggested "priorities identified" also be included, as well as the statewide working definition of STEAM. Chair Allen suggested a designated work group should be considered for that process as an agenda item. Ms. Cooper volunteered as a member of the working-group, as well as Ms. Garlock, Ms. Neel, Ms. Dehart, Ms. Flores, Ms. Gobbs-Hill, and Mr. Rosen. The subcommittee agreed to fast-track getting the language in writing for a statewide STEAM definition and discussed timelines. Chair Allen suggested a first meeting for this working group be no later than September 2017. Chair Allen also suggested a discussion on continued monthly meeting dates for this subcommittee as an agenda item.

VIII. Next Meeting Date will be determined at this meeting (For information only)
Aimee Allen, Chair

Chair Allen said a calendar poll will be sent out for the next meeting.

IX. Public Comment

There was no public comment.

X. Adjournment

Chair Allen adjourned the meeting at 10:15am