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## STATE OF NEVADA

### GOVERNOR'S OFFICE OF SCIENCE, INNOVATION & TECHNOLOGY

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Brian L. Mitchell  
Director

### PUBLIC MEETING MINUTES

Name of Organization: Integrating Arts & Culture into STEM (IACS) Subcommittee

Date and Time of Meeting: Friday, February 23, 2018 @ 3:30 P.M.

Place of Meeting: Nevada Museum of Art  
NMA - Founders Room  
160 W. Liberty Street  
Reno, Nevada 89501

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#### **I. Call to Order / Roll Call:**

The Integrating Arts and Culture into STEM Subcommittee was called to order by Chair Aimee Allen at 3:35 p.m. on February 23, 2018, at the Nevada Museum of Art, listed above.

#### **Members Present:**

Aimee Allen  
Candace Garlock  
Candy Schneider  
Craig Rosen  
Dave Brancamp  
Jeneane Harter  
Laura Christian  
Marisa Cooper  
Sarah Gobbs-Hill  
Tia Flores

#### **Members Absent:**

Julye Neel  
MaryJane Dorofachuk  
Meghan Schiedel  
Sue Dehart

#### **Guests Present:**

Mary Holsclaw, State of Nevada Department of Education

**Staff Present:**

Brian Mitchell

Debra Petrelli

**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.)

Chair Aimee Allen

There was no public comment.

**III. Welcoming Remarks and Announcements**

Chair Aimee Allen

Chair Allen welcomed everyone to the Nevada Museum of Art and thanked the group for meeting in person the day before the Nevada STEAM Conference.

**IV. Approval of the Minutes from the October 31, 2017 and January 30, 2018 Meetings** (For possible action)

Chair Aimee Allen

Chair Allen asked if there were any corrections to the October 31, 2017 or January 1, 2018 Minutes as written. None were made. Marissa Cooper made a motion to approve the Minutes of October 31, 2017 and January 1, 2018, as written. Jeneane Harter seconded the motion. The motion passed unanimously.

**V. Update Nevada STEAM Conference (Saturday, February 24, 2018 @ Nevada Museum of Art)** (For Possible action)

Chair Aimee Allen

Chair Allen said the main focus of this meeting is the Nevada STEAM Conference taking place tomorrow here at the museum, and asked IACS member Marissa Cooper, Director of Education at the Nevada Museum of Art to update the subcommittee on the conference. Ms. Cooper said the museum is ready to go and they are expecting 200 people to attend tomorrow's conference. She said everyone on the waitlist has been added to the attendance list. She commented that several local news stories on the conference had been released and she is expecting a fair amount of press coverage during the conference. She further discussed the logistics of the conference and programs being presented from members of IACS on behalf of each of their affiliations. It was discussed that Craig Rosen will present the Governor's Proclamation designating February 23, 2018 as Nevada STEAM Day during the conference. There was discussion on work-shopping the IACS position paper by introducing it to the public during the conference. Ms. Cooper commented that seven school districts across the state will be represented at the conference, which potentially has access to 400,000 students. Ms. Cooper said surveyed data will be collected at the close of the conference by the museum to produce a spreadsheet showing who attended and what types and grade levels of schools were represented. She said she will then share that information with IACS in a report.

Chair Allen thanked everyone for their hard work and applauded the co-institutional arrangement and all of the collaboration involved for the Nevada STEAM Conference and its success. Mr. Rosen thanked Candy Schneider and The Smith Center in Las Vegas for their support and recent donation to the conference.

Ms. Cooper commented that at the end of the conference, it will be announced that the next Nevada STEAM Conference will be hosted in Las Vegas, ideally in February 2019. She said they are expecting that conference to draw more people and be a larger event than this year, mainly to accommodate such a large school district (Clark County). She said the facility/venue chosen will be required to support room for visual art on display, performing arts, and be able to house a large number of people in a single seated area, including ample breakout workshop spaces. She said currently the location is up for discussion. She added the intention of this statewide conference is to have it back and forth each year between the North (Reno) and the South (Las Vegas), with a mirror event in the opposite end of the state that correlates with the conference. Mr. Rosen commented on this years “mirror” experience/event, which took place last week in Las Vegas in which Desert Research Institute (DRI) hosted 46 teachers on a trip to the Nevada Test Site.

**VI. Update IACS Position Paper (For possible action)**

Chair Aimee Allen

Chair Allen pointed out that with the introduction of the IACS position paper at the conference tomorrow, the subcommittee will be able to follow up at the next meeting with comments and questions that are presented. Mr. Mitchell commented on the next steps of the position paper. He said once IACS has made its final changes and/or additions to the document, IACS will need to get on the next meeting agenda of the STEM Advisory Council for a formal vote by the council, endorsing the document. He said at least one member of IACS will need to be present at that meeting to introduce and discuss the document.

Chair Allen encouraged all members to think about how they want to circulate IACS’s position paper to their constituents once it is endorsed by the STEM Advisory Council. She suggested they have further discussion on this topic at the next IACS meeting.

**VII. Update PR Pamphlet Promoting the STEM and STEAM Certificate Programs (For possible action)**

Chair Aimee Allen

Chair Allen said the STEM and STEAM certificate program relates to Senate Bill (SB) 241 and the STEM Advisory Council has suggested some ideas for this subcommittee to discuss. Mr. Mitchell recapped SB 241 from the last legislative session. He said with support from the Department of Education and the Governor’s Office of Science, Innovation and Technology (OSIT), SB 241 was created to allow for an endorsement or seal be affixed to a diploma showing a student has met certain requirements. He pointed out there are a variety of requirements to get a STEM seal on a diploma, as well as specific and similar requirements to get a STEAM seal on a diploma. He said he is aware of this subcommittee’s interest in helping to get the word out to counselors, parents, students, and school districts about this program, giving students an opportunity to get on the pathway to receiving a STEAM seal on their diploma. He said rather than assigning that task to this subcommittee alone, the STEM

Advisory Council has created a new subcommittee that is specifically dedicated to getting the word out about SB 241. He said that membership is open to any members of this subcommittee that would be available to pull double-duty for this endeavor. He pointed out this will be an opportunity to bring in others to sit on this new subcommittee by not only shaping the outreach effort, but also ensuring the right understanding of the implementation of these seals. He said the new subcommittee will need members from higher education, particularly the University of Nevada, Las Vegas (UNLV) and the University of Nevada, Reno (UNR), to be involved and to understand that these seals designate high achieving students.

**VIII. Department of Education’s Spring “Mega” Conference – IACS Participation (April 20 – 22, 2018 @ Rio Hotel, Las Vegas) (For possible action)**

Chair Aimee Allen

Chair Allen asked Dave Brancamp, Director of the Office of Standards and Instructional Support, Nevada Department of Education to update the group on their upcoming Mega Conference. Mr. Brancamp updated the group on dead-line dates for presentation material for the conference. He also discussed time slots for presentations.

**IX. Update New Fine Arts Standards (For possible action)**

Chair Aimee Allen

Chair Allen asked Mr. Brancamp to update the group on the new Fine Arts Standards. Mr. Brancamp said the new Fine Arts Standards will be going before Dr. Canavero, Superintendent of State of Nevada Department of Education next week for the first review of the standard’s legal side. He said Dr. Canavero, along with Lisa Ford, Education Programs Professional, also with State of Nevada Department of Education, will begin drafting regulations once that is complete. He said afterwards the standards will go to the Legislative Council Bureau (LCB) for final legal language. He added that once the standards come back from the LCB, Ms. Ford will review them for accuracy of content before they go before the State Board of Education for a public hearing. He said this will be the time for public comment and a good time for this subcommittee to present their support of the new Fine Arts Standards. He said the last hearing will be before the Legislative Commission in which members of this subcommittee may be asked to be present for further support of the standards.

**X. IACS Member General Announcements (For information only)**

Chair Aimee Allen

Chair Allen said a general announcement from each member of this subcommittee can be made as part of their presentation at the Nevada STEAM Conference, here at the museum, tomorrow.

**XI. Consider Future Agenda Items for the Next Meeting (For possible action)**

Chair Aimee Allen

The subcommittee requested they have a discussion at the next meeting on changing the name of the IACS subcommittee. Chair Allen suggested a discussion on the IACS concept paper. She also asked Craig Rosen and Marissa Cooper to share collected data from the Nevada STEAM Conference at the next meeting. The group agreed that other items could be added at a later time.

**XII. Determine Next Meeting Date** (For possible action)

Chair Aimee Allen

Chair Allen said she would like to determine a date for the next meeting. The group decided on Tuesday, April 10, 2018 at 9:00 A.M.

**XIII. 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.)

Chair Aimee Allen

There was no public comment.

**XIV. Adjournment**

Chair Aimee Allen

Chair Allen adjourned the meeting at 4:40 pm.