

NCSTA FULL BOARD MEETING
November 16, 2020
Web Ex Format for the Meeting

Members Present: Carol Maidon, Sandra Weitzel, Mary Ellen Durham, Mike Tally, Joette Midgett, Brad Woodard, Cliff Hudson, Michelle Chadwick, Adrienne Evans, MaryKate Holden, Tim Gulifoyle, Molly Barlowe, Tom Savage, Tomeka Altman, Brian Whitson, Carrie Jones, Manley Midgett, Alisa Wickliff, Laura Lowder, Ann McClung and Brad Rhew

1. **Call To Order (Carol Maidon) @ 7:15 p.m.**

- a. **Welcome**
- b. **Roll Call see above Woodard**
- c. **Quorum was established**

2. **Approval of Agenda**

MaryKate moved to approve with Brian W. 2nd Motioned passed unanimously.

3. **Consent Agenda Items** (Carol Maidon)

- a. Minutes 8-22-20 (Woodard)
- b. Minutes 9-23-20 (Woodard)
- c. Treasurer's Report (Mary Ellen Durham)
November 16, 2020 NCSTA Treasurer Report

The North Carolina Science Teachers Association has continued to implement cost saving measures; therefore, our recent expenses have been nominal. As of November 16, 2020, the Association holds \$263,255.48 in financial resources. These include \$18,897.40 in checking; \$141,428.95 in savings and \$102,929.13 in the Trust Fund. Detailed information regarding these accounts is included in the financial reports submitted by the business manager.

Respectfully submitted,
Mary Ellen Durham
Treasurer NCSTA

MOTION TO APPROVE BY BRAD W. AND 2nd BY CLIFF HUDSON; ALL PASSED UNANIMOUSLY

4. **Operations Report (J. Midgett)**

Financials were sent out this morning.

- Not much currently
- \$420 income from Virtual Conferences
- \$40,000 deficit due to no PDI in Nov.

- Information from Virtual Sessions: Elem 96 register, 10 non-members \$300, Mid/High 93 register, 4 non-members \$120 Renew/join to do this so made \$5,000+
- Currently 440 Members of NCSTA
- Remember Plan B for PDI but upcoming vaccines look very encouraging
- **Thanks to those who worked with outreach and the Awards Ceremony-you made a difference!**
- Non-members paid \$30 for the outreach opportunities and members were free registration
- This meeting was held about 2 weeks later due to Outreach still going on.

5. **Action Items (C. Maidon)**

- a. **Conference Theme and Strands Proposed strands were sent via email and copied below**

Proposed 2021 Conference Theme, Keynote Speaker and Strands

Launch your science program into a higher orbit

Proposed keynote speaker: Astronaut Christina Koch

The North Carolina State University alumna spent nearly 11 months in space -- marking the

longest ever spaceflight by a woman. Koch attended North Carolina State University in Raleigh,

North Carolina, where she earned a Bachelor of Science in Electrical Engineering (2001), a Bachelor of Science in Physics and a Master of Science in Electrical Engineering (2002). She attended high school at the North Carolina School of Science and Mathematics in Durham, North Carolina (1997) and White Oak High School in Jacksonville, North Carolina.

Strands

Share Successes in Your Classroom in the Following Areas

Strand #1: Launching Science through Digital Literacy

The Digital Literacy strand will focus on the four following areas: Leadership in Digital Learning, Digital Citizenship, Digital Content and Instruction, and Data and Assessment. The professional development goals are:

Teachers will demonstrate leadership in accelerating their integration of digital teaching and learning pedagogies.

Teachers will model and teach digital citizenship by the ethical, respectful, and safe use of digital tools and resources that support the creation of a positive digital school culture.

Teachers will know and use appropriate digital tools and resources for instruction.

Strand #2: Launching Science through Blended and Virtual Science Classes

Teaching science via blended and virtual classes that are engaging, inquiry-based, and student-center are challenging. Effective laboratories that facilitate student learning is imperative and doing so on multiple platforms can be perplexing. Today's current climate also necessitates the incorporation of social justice, equity, diversity and inclusion elements in our classes. Authentic virtual assessment is similarly required for launching science learning to that next level.

Strand #3: Launching Science through Environmental Lessons

Science lessons become engaging when students conduct inquiry and use higher-order skills. Strategies can be made "real" if they help students learn how to improve and protect their environment. As students design experiments to better understand the environment, they can integrate the areas of STEM with the life, earth, physical, and space sciences to become scientifically literate citizens who understand the natural world and ways to improve our Environment.

- It was mentioned C. Koch's strong ties to Eastern NC, she will not require a speaking fee due to being a government employee, just transportation would need to be paid, hotel
- PDI Committee consists of Michelle, Cliff, Sandra and Tom
- **Motion to approve Conference PDI Theme and Strands Motioned by Sandra and 2nd by MaryKate**

b. **Diversity/Equity Statement (C. Maidon)** **Statement**

The NC Science Teachers Association (NCSTA) was formed in 1969 with the mission of promoting excellence in science teaching and learning in North Carolina. The purpose of NCSTA shall be the advancement, stimulation, extension, improvement, and coordination of science teaching in all fields of science at all educational levels. We believe that science instruction should be provided and accessible to all students, as well as professional development opportunities for those that provide such instruction. As science educators, we recognize the uniqueness of each student's background and the contributions he or she brings to the science world. As an organization we are charged with fostering quality science education for all students regardless of race, creed, ethnicity, religion, and gender expression. In order for equitable science to be attainable for all, we believe the following must be accomplished: Schools and informal science settings provide quality instruction and/or programming for all students. Science educators are knowledgeable about and use culturally relevant teaching pedagogy and instructional strategies. Lessons should be designed or curriculum should be selected that positively, accurately, and equitably portrays individuals. Science educators should be reflective and cognizant of their own biases and learn how to

combat such bias. Science educators should create inclusive learning environments that allow all students to participate in science, encouraged to take risks and know that their opinions and voices matter. Science educators should highlight the successes of those in the science world, especially individuals from the LGBTQ+ community and all underrepresented groups such as women and minorities. As an organization we will help with these instructional strategies and professional characteristics by providing quality professional development.

- **Latest version sent via email** Anti-Racist statement with what was going on with George Floyd and B.Taylor
 - This gives an all student perspective and was very well done as stated by Mary Ellen Durham and is all inclusive

**MOTION MADE BY EXEC. COMMITTEE NO 2ND REQUIRED
MOTION PASSES UNANIMOUSLY**

c. Committee Name Changes

1) Multicultural Committee Name Change (C. Maidon)

Motion Change name to Diversity and Equity Committee **Rationale: Broadens the scope of committee and better describes what we should be addressing**
Coming from Exec. Committee no second required MOTION PASSES Not required to send to full membership (p. 30 of Handbook)

2) University Liaison & Beginning Teacher Name Change (C. Maidon)

Motion from the Exec. Committee changes the name to Pre-Service Teacher & University Liaison to move under the Ad-Hoc Committees in NCSTA Policies
Rationale: To more accurately describe the function of this position and move to committee status MOTION PASSES

6. Review Of Outreach Efforts

- Elementary Outreach Organizer Manley Midgett was pleased with the participation and enthusiasm of participants In the spring the content will be content/topic specific (Weather K-2 and into 5th see how the topics progress.
- Those attending the elementary school sessions have said the activities were fun to do, engaging and there were many positive comments 75 activities were done in total
- Middle/High 93 signed up with 70-73 attending thus far Thanks to all who served as moderators or presented
- Very positive feedback for these sessions; next one December 2nd in a Town Hall fashion Time frame 5-6:30 p.m.. For the Town Hall sessions members of DPI will be present Breakout sessions will take place as well. These sessions will be content specific and ways to engage virtual science with remote learners.

- Wed. Jan. 13th 5-6:30 the final session MaryKate mentions in Guilford County they are taking final exams, may have to be moved.
- This can be put on evaluations as participating evidence.
- This outreach will be our new Drive-In format, recordings will be sent out along with the shared resources and certificates for CEU record.

7. Report on Zoom Awards Ceremony

- We had 150 attend, when we began the Business portion of our meeting there were 50 people still logged on; winners had support as they do face-to-face
- Great job to all who organized, presented and were involved in this.

8. Written Reports from District Directors

Some reports from last time looked the same as previous ones

Report sent from Adrienne Evans, District 4

She talked about Plasma Games and Real Conference 2.0

She spoke of Dr. Temple Grandin-Animal Science

9. Committee Reports

- The Finance Committee needs board members request for funds by the coming month, they will meet early January but need all request by December 15th.
- Condolences to Carrie Jones at the passing of her dad. Joette helped Carrie during that time with Nominations and Elections
- The Publications Committee will update pictures/blurbs from Webinar Sessions and Awards for the next edition of our Newsletter, the goal for publication is December 1st. This needs to reach all of our members
- Grant Winners (Brad Rhew) Brief description and pictures from Awards will be featured on the newsletter Reported 1st time in a while for multiple grant winners, these winners will most likely present at the conference.
- Ralston James (Competitions) sent information about Science Olympiad being virtually on Feb 22nd State Science Fair will be virtual; Robotics could be virtual and hybrid (judging done via Zoom); FFA Career Development Competitions going virtual
- Trust Fund (Manley) reports one contribution
- NCSELA MOnthly Webinars continuing, next one in December (Ann McClung) December 3rd, no webinar in January (Beverly Lyons is in charge of these) Continued from February thru May.

Cliff Hudson motions to adjourn at 9:08 p.m.. Manley Midgett seconds the motion.

Next Meeting in January 2021.

Respectfully submitted by Secretary Brad Woodard