

MINUTES OF ANAS SEPTEMBER 6TH 2014 BOARD MEETING
10:00-11:45 AM CONFERENCE CALL

Members in attendance (in bold) at phone conference: **Rob Bowker (RB)**, **Pedro Chavez (PC)**, **Karen Conzelman (KC)**, **Jennifer Hackney (JH)**, Shafiu Jibrin, Bob McCord, **Theo Manno (TM)**, **Pamela Marshall (PM)**, **Boris Poff (BP)**, Angela Schwendimen, **Florence Slater (FS)**, **Argai Tecle (AT)**, and **Brian Wainscott (BW)**.

General welcome and phone connects

Call to order by President Pamela Marshall

REPORTS

1. Recording Secretary: Minutes from the April meeting were approved with no changes.
2. Journal Editor: PM reported for Bob McCord (BM) who could not attend. JANAS 45(2) is nearly ready for printer, two articles were accepted, and 5 were submitted in various stages of review. The final draft will go to KC and BM for final proofing. KC has made some changes to author's instructions re: figures; online journal will have colored figures but print version may not (due to added printing costs); therefore, authors need to be sure that their labels, lines, etc. will be distinguishable in black and white.

3. Treasurer:

ANAS GENERAL FUND:

Operating Fund Wells Fargo Bank	\$ 32,258.71
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ANAS SHORT TERM RESERVE ACCOUNT

Vanguard Money Market	\$27,021.28
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ANAS EDUCATIONAL ENDOWMENT FUND:

Vanguard Index 500 Fund	
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(Current (9/14/14) market value: 243.908 shares @ \$184.98/share)	\$45,118.10
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SUBTOTAL ANAS	\$104,398.09
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AFFILIATED ACTIVITIES

Science Olympiad Account (WFB)	\$ 62,194.83
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Science Olympiad CD	\$ 20,781.71
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SUBTOTAL SCIENCE OLYMPIAD	\$82,976.54
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TOTAL ALL ACCOUNTS	\$187,374.63
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KC reported the current balances in accounts. Science Olympiad recently received a one time gift of ~\$17,750 from the estate of Charles Hoyt. SO Board has not yet decided how those funds will be allocated.

AT reported he has some additional money left over from Annual Meeting sponsors contributions that he will be transferring to keep on account for layout and printing costs for of Hydrology Proceedings. Overall the ANAS budget looks stable.

4. Directors:

- a. Nevada: BW gave presentation to ~100 faculty at CSN. They have expressed some interest in hosting the 2016 Annual Meeting. Board encouraged him to pursue this. He plans to go to UNLV to drum up more interest in ANAS. There are also several other schools in S Nevada that show promise. KC reported that a couple of new members from NV had signed up.
 - b. Central: JH is planning to send out some mass e-mails to distribution lists of STEM faculty at the large AZ colleges and universities to see if we can increase awareness and hopefully stimulate interest and increase membership. Contact info for GCU faculty has been difficult to find. Perry Baker was mentioned as a potential contact at GCU having recently joined the faculty there. FS stated that we need to try to get someone in geography to get more actively involved; with Tony Brazel's retirement, she is concerned that participation from students/faculty in that area is going to decline (as we have seen for other areas/institutions – e.g., Conservation (when Jim DeVos ceased to participate) and U of A (with retirement of active faculty). JH responded by saying she would target e-mails to geography faculty.
5. Membership Secretary: KC spoke for AS and stated that membership renewals have been coming in slow.
6. Permanent Secretary: PC submitted an article he, KC and PM put together reporting our activities to NAAS newsletter editor. This publication is supposed to go to officers of local academies. Not all board members reported receiving newsletters.

OLD BUSINESS

1. 2014 ANNUAL MEETING DEBRIEFING: Since PM is organizing the 2015 meeting on the ASU West campus she wanted some feedback on what did and did not work.
 - a. Posters location and mounting boards were not optimal at NAU, but this shouldn't be an issue at ASUW (new boards that are easier to mount poster to and larger room)
 - b. Need more than two evaluators of posters (too many posters for two individuals to during the allotted time); PM will try to ID people earlier to judge and get more judges.
2. EDUCATIONAL AWARDS: KC and PM had suggested some modifications to our programs over the summer by email, but it was clear from online discussion that we needed to wait and discuss these matter in a "real-time" meeting.

There was an hour plus discussion about modifying our educational awards and trying to increase interest/awareness from students/teachers in applying for them. Our Science Teacher and Grants-in-aid awards have few applicants. Among the main ideas suggested to address this problem were:

 - a. Expand our awards to include preschool teachers

- b. Include an award for advocates for science education such as principals, other leaders, legislators, or education professors. These could be individuals that are nominated by others.
- c. Send letters to the principal of the school where a teacher received an award to create more recognition and potential interest for other teachers to apply.
- d. Consider an award to a coach of Science Olympiad team that wins in multiple years.
- e. Winner of teacher award should seek out a potential candidate at their schools for the following year.
- f. Contact a few schools to get more nominations and build a desire for the award.
- g. Send out more fliers and e-mails to schools, contact more schools, and contact district coordinators. In conjunction with this idea, we should perhaps send a representative to the schools.
- h. Have a membership requirement for those getting awards as this will give them a more vested interest in the organization causing them to participate more. Ask schools/institutions to pay a membership fee.
- i. Have an educational leader give a talk at our annual meeting and pay them an honorarium.
- j. Increase the monetary amount of awards to create more interest.
- k. Some organizations at ASU offer free membership for the first year. Perhaps a similar approach would work for ANAS.

Some of the problems with these ideas were as follows.

- a. There is currently no requirement for a Science Teacher or Grants-in-aid award applicants/nominees to be members.
- b. Asking schools or teachers to pay any kind of fee, no matter how small, will be difficult because schools are so poorly funded.
- c. Most K-12 teachers will have little interest in ANAS membership since they do not engage in primary research. Only two high school teachers have ever been members. Our membership declines have come from decreases in participation of university faculty not K-12 teachers. We went away from the Junior Academy because of this issue.
- d. Giving an award to school's coaches that repeat is a problem because Catalina H.S. has won the last 7 years.
- e. The dollar amount we put into any award depends on our priorities. There are a fixed amount of dollars that must cover all operating costs.
- f. The goal of the high school teacher is mostly just to get through the day and is not focused on applying for extra awards.
- g. How do we target each and every school? We do not have the manpower or the finances to pursue this kind of goal

This topic was tabled and a committee formed composed of PC, AT, and PM, that would take on this issue separate from main meetings. PM will join this committee when she is no longer president.

- The Bud Ellis award was discussed. A history of Bud Ellis and his contributions to the academy and science education were provided by KC. Most of the applicants for this award come from Nevada schools. The award is currently \$1000 and is used at the high school and college levels.
3. SUBMISSIONS TO JOURNAL: We are behind in publication schedule. – 45(2) which is just now wrapping up should have been published in first half of year.
 4. BY-LAW REVISIONS: TM circulated edited version of the by-laws. These were minor changes mostly. KC proposed that board members individually examine suggested revisions and send any recommended edits to the board so that a final draft could be put together for board approval. We then need to have these changes voted on my membership at the Annual Meeting (must be published in newsletter at least 60 days in advance of the vote). The deadline for editorial feedback was set at December 15th, 2014.
 5. ANNUAL MEETING 2015: Our next ANAS meeting is April 18th 2015 at ASU West. PM listed some problems she is having in getting ready for this meeting.
 - a. There is a new event person and this person is not as aware of methods for success as the previous person.
 - b. ASU is financially challenged. There is no money anymore from Deans or the Provost to supplement meetings and continue to encourage meetings to take place on the ASU West campus. ASU will charge for rooms (~\$100 each for those involving the posters and luncheon) and for set-ups.

Likely that ANAS will make no money on the ASU West meeting because of the extra charges. To compensate, we may have to slightly raise registration fees to compensate. Our goal is to break even.

The good news is that

- a. (at least right now), classrooms for oral presentations do not cost anything (The UCB, luncheon/posters, and Lasalla, lecture rooms, buildings will most likely be used),
- b. we do not have to pay insurance,
- c. parking is free,
- d. ANAS will be charged the lowest rental rates.

NEW BUSINESS

1. GRANTS IN AID: KC brought up the difficulty with accountability for grant-in-aid reports. Few recipients follow up with reports when receiving grants. Should we even ask for a report? This was tabled for later discussion.
2. SCIENCE OLYMPIAD WEBSITE: The migration of the Science Olympiad web page to ANAS site was announced.
3. NEWSLETTER: Question was raised about possibly increasing the frequency of our newsletter publication. It used to be quarterly, but now is down to once a year. The quarterly publication was before the internet

provided a means to communicate announcements (e.g., call for papers, membership renewal reminders) and convey related forms. However, a more frequent newsletter from the academy might increase our presence to membership, increase value of their membership and their connection to the organization and stimulate interest in getting more actively involved. We can put in announcements, what is happening, area reviews and perhaps publish at least twice a year.

We need a new newsletter editor. TM is the current newsletter editor, but this role will end in April when he becomes the President.

4. STUDENT BOARD MEMBER: KC suggested adding a student member to the board to get younger members more involved. Having a student board member might also provide a vector to share information with other students and with possibility of increasing student participation in Annual Meeting and joining. PM mentioned that this would require a change in by-laws. These members would have to be replaced regularly because they will move on with graduation. Would need to decide whether this would be an elected or appointed position. Decisions about this matter were tabled for later discussion.
5. INCREASING ANAS' PROFILE AT NON-PARTICIPATING UNIVERSITIES: We need to increase our profile at UA and ASU main campuses. Don't have any active members at these institutions.
6. 2016 ANNUAL MEETING: BW suggested that our 2016 meeting could be held at the College of Southern Nevada. Great interest by the board was shown in this possibility.
7. JOURNAL PAGE CHARGES: KC raised the issue of page charges again. With the cash flow we have from JSTOR and BioOne, she questioned whether we wanted to continue this practice. Are page charges discouraging manuscript submissions? Current instructions to the authors do give those without grant support a means to easily waive their page charges. We currently give members a page charge discount for the first eight pages of their paper; maybe we could discount all pages to increase benefit of membership. KC will give more details on journal finances at our next meeting (e.g., revenues from BioOne, page charges invoiced, page charges paid, production costs).

A tentative date for our next board meeting was set for the month of Jan 2015, but the exact date and time will be decided by a doodle poll

Meeting adjourned.