

South Dakota Science and Technology Authority Board of Directors
Meeting Minutes
Thursday, June 28, 2018
Lead, South Dakota

The Board of Directors of the South Dakota Science and Technology Authority (SDSTA) convened at 8:04AM Mountain Time (MT) on Thursday, June 28, 2018, in the Education and Outreach (E&O) Building Conference Room at the South Dakota Science and Technology Authority, 630 East Summit Street, Lead, South Dakota.

MEMBERS OF THE BOARD IN ATTENDANCE

Dr. Ani Aprahamian (in person)
Mr. Paul Christen (in person)
Vice Chairperson Dana Dykhouse (in person)
Secretary/Treasurer Patricia Lebrun (in person)
Chairperson Casey Peterson (in person)
Dr. James Rankin, ex-officio (by phone)
Vice Chairperson Ron Wheeler (in person)
Dr. Robert Wilson (by phone)

MEMBERS OF THE BOARD ABSENT

No absences.

SDSTA STAFF

Ms. Michele Baumann, Contracts Specialist
Mr. Tim Engel, Legal Counsel
Ms. Nancy Geary, Chief Financial Officer
Mr. Mike Headley, Executive Director
Ms. Sharon Hemmingson, Business Services and Contracts Manager
Ms. Mandy Knight, Administrative Services Manager
Mr. KC Russell, Cultural Diversity Coordinator
Ms. Constance Walter, Communications Director

ALSO PRESENT DURING ALL OR PART OF THE MEETING

Dr. June Apaza, Education and Outreach (E&O) Director (BHSU)
Ms. Julie Dahl, Science Education Specialist (BHSU)
Ms. Donna Job, Sanford Lab Homestake Visitor Center Executive Director
Dr. Peggy Norris, Education and Outreach Deputy Director (BHSU)
Mr. Alex Portal, Black Hills Pioneer Journalist

ITEM 1. CALL TO ORDER

Chairperson Casey Peterson called the meeting to order at 8:04 AM (MT). Roll call was held. All board members were present in person except Dr. James Rankin and Dr. Robert Wilson, who joined by phone.

Chair Peterson then asked audience members to introduce themselves.

He said if anyone from the audience has any questions they would like the board to address, to please complete the public comment form located at the sign-in table and time will be given at the end of the agenda to discuss.

ITEM 2. APPROVE AGENDA

Chair Peterson asked if there were any modifications to the agenda besides moving the Davis Bahcall Scholar introductions under Item No. 9 based on their arrival time. Hearing none, Chair Peterson asked for a motion to approve the agenda.

Motion by Mr. Wheeler and second by Mr. Christen to approve the agenda as presented. Motion passed unanimously.

ITEM 3. APPROVE MINUTES

Chair Peterson asked for any comments on the Minutes of the March 29 and May 1, 2018 meetings. There were none.

Motion by Mr. Dykhouse and second by Ms. Lebrun to approve the Minutes of the March 29 and May 1, 2018 meetings as presented. Motion passed unanimously.

ITEM 4. CONFLICT OF INTEREST DISCLOSURE

SDSTA Legal Counsel Mr. Tim Engel said as discussed at past meetings, it has been a recommendation of the Board of Internal Control that a general conflicts of interest disclosure be included on public board agendas. Mr. Engel said, this is a chance for any member of the board, who feels they have anything that might be construed to be a conflict of interest, to disclose it.

Mr. Wheeler reminded the board that he does have a disclosable interest with his SDSTA contract as the External Affairs Director which was discussed at previous board meetings.

ITEM 5. DISCLOSURES AND WAIVER UNDER SDCL CH. 3-23

Mr. Engel said in regard to disclosures and waivers, he polled the board members and there were none. No action is required today. He said there may be at least one waiver at the September board meeting as mentioned in Item No. 4 by Mr. Wheeler.

ITEM 6. ADOPT BOARD OF INTERNAL CONTROLS MODEL POLICY

Mr. Engel reminded the board that a couple of years ago the Legislature created the state Board of Internal Control, and one of the charges of the Board was to adopt a standard form of Code of Conduct for boards and commissions. The final policy was adopted at their June 18, 2018 meeting. By state law, the SDSTA board is required to adopt it. Mr. Engel said he has reviewed it and there is no reason to revise it.

Mr. Engel said the policy restates the existing law concerning disclosures and waivers discussed at previous SDSTA board meetings. It also addresses harassment and treatment of whistleblowers and said the Code of Conduct is a requirement of state law that applies to this entity. Mr. Engel made a recommendation to adopt the Code of Conduct model policy as required by the state Board of Internal Control.

Mr. Engel clarified that the SDSTA's Employee Handbook has a Code of Conduct policy specific to employees, but the policy discussed today is specific to board members. It will also be included in the SDSTA Policies and Procedures Manual.

Motion by Mr. Wheeler and second by Mr. Dykhouse to adopt the Board of Internal Control model policy as presented. Motion passed unanimously.

ITEM 7. AUDIT COMMITTEE REPORT

ITEM 7A. Appoint Members to Audit Committee

Chairperson Peterson said he spoke to Ms. Lebrun and Mr. Christen, and they agreed to accept reappointment to serve on the Audit Committee with Ms. Lebrun continuing as the Chair. Chairperson Peterson voiced his appreciation of their continued service.

ITEM 7B. Annual Review of Audit Charter

Chairperson Peterson asked Ms. Lebrun if there was anything the Audit Committee needed to discuss. Ms. Lebrun replied that the Audit Committee reviews its Charter annually. She said Chair Peterson sent the committee a model audit charter and the committee has compared it to the SDSTA Audit Charter. She made the recommendation for Mr. Engel to review the SDSTA Audit Charter and verify compliance against the model charter also.

Mr. Engel said he would do be glad to do so and will include SDSTA Chief Financial Officer Ms. Nancy Geary and her team in the review. Mr. Engel said he is confident the SDSTA procedures comply but would also review the Audit Charter and provide an update to the board. Ms. Lebrun provided Mr. Engel a hard copy of the model audit charter.

In regard to an independent audit of the SDSTA internal control, Mr. Wheeler said he spoke to Ms. Geary recently and a Request for Proposal (RFP) would be issued in the next few months. Ms. Lebrun interjected that the audit of the SDSTA internal control will be done after the FY2018 Audit in September. Mr. Headley said the estimated cost for the independent audit is in the proposed budget.

Ms. Geary said she spoke with Fermilab's Internal Audit Department, and they shared information relevant to the RFP. She said they also mentioned the importance of keeping up-to-date policies and procedures. Ms. Geary said the SDSTA has a new accounting system, and her office is updating the new system procedures before the next audit.

Ms. Lebrun clarified that the board does not believe there are problems with the SDSTA policies and processes, but an independent internal control study will give the SDSTA a benchmark going forward and to achieve compliance with future needs.

ITEM 8. FINANCIAL REPORT

ITEM 8A. Financial Statements

Ms. Geary pointed out an adjustment on the Comparative Balance Sheet in the board packet (page 47 of 144). She said an incorrect formula was used for the Experiment Fund line and between May 31, 2017 and May 31, 2018, it shows it grew by \$2.4M but the correct amount is \$553,000.00. She said it increased because of a the \$1M receipt from the University of South Dakota Foundation; most of it was expended for the xenon purchases.

In regard to the SURF Services contract, Ms. Geary said the SDSTA is slightly over budget due to the Ross Shaft Rehabilitation crew move to the contract. This is short-term, and those individuals are expected to return to the Ross no later than September.

Chair Peterson asked if available cash is remaining steady and Ms. Geary replied yes.

ITEM 8B. Fiscal Year 2019 Budget

Ms. Geary then reviewed the FY2019 Budget line items in the board packet. Ms. Geary said the SDSTA-Operating budget is slightly lower than last year as the Executive Director's salary will be charged to indirect at the request of Fermilab. Ms. Geary continued through the line items and answered questions.

Mr. Headley pointed out that the FTE count will be higher. He said this is due to discussions with Fermilab and the Operating budget increasing and scope of work changing for the Long-Baseline Neutrino Facility/Deep Underground Neutrino Experiment (LBNF/DUNE) construction activities. Also, Fermilab would like SDSTA to provide emergency response capabilities, which would mean an increase in emergency response members and security personnel.

Ms. Geary then discussed the federally-funded items and all other funding sources with a comparison between FY2018 and the proposed FY2019. It was noted that the SURF Operations Services budget proposal is \$19.9M but the full amount is not expected to be granted. The SURF Services Proposal will be submitted to Fermilab on July 5 and hopefully in place by October 1, 2018.

Ms. Geary reviewed the CAPEX budget and answered additional questions.

Mr. Wheeler proposed a combined motion to accept the financial summaries and approve the FY2019 Budget.

Motion by Mr. Wheeler and second by Ms. Dykhouse to accept the financial summaries and approve the Fiscal Year 2019 budget as presented. Motion passed unanimously.

ITEM 9. REPORT FROM THE EXECUTIVE DIRECTOR

ITEM 9B. Declaration of Surplus Property

Mr. Headley said he would like to go out of order in his report and start with the declaration of surplus property. He said the SDSTA has been preparing for construction and going through a number of areas on the property, identifying items no longer needed and itemizing surplus property. He noted the declaration presented identifies office furniture, a diesel generator, galvanized matting and lacing, and a dry ice machine.

ITEM 9A. SDSTA Quarterly Update

Mr. Headley then began with a slide presentation and discussed safety performance and said there have been two recordables for the year including one in May due to a trip that injured a shoulder.

He discussed some of the tasks SDSTA has accomplished, is currently doing and upcoming activities to enhance the Safety Program. He reviewed the following: Safety Assurance and Improvement Activities—Emergency Response X-Walk; Work Planning & Controls; Underground Access; Cranes & Hoisting Assessment; Below the Hook Devices Assessment; Site Wide Safety Inspection; 30 CFR Part 57.19000 X-Walk; ORM Regulatory Review; Fire Protection Assessment; and FRA–KA/JV–SDSTA - Project Interactions Work Shop.

Mr. Wheeler asked Mr. Headley if he would review the safety recommendations from the Environment, Safety and Health Oversight Committee (ESHOC), any action items and the progress the SDSTA is making at the next board meeting. Mr. Headley said he would.

Mr. Headley briefly reviewed the training and education curriculum matrix, and then discussed the Health and Wellness activities the Occupational Health Nurse Ms. Laura Baatz is helping with—Advanced First Aid Training; Functional Job Analysis; AED & CPR Training; Case Management; Heart Health Series (Deep Thoughts); and Fitness.

He said there are additional improvements that are coming up from a safety perspective which include the following: OSHA 30-hour; Badging Access System; LBNF/DUNE Emergency Support Services; Security, dispatch, SCADA-Control Facility; ESHQ-staff Enhancements; and Permit to Work System.

Mr. Headley said the SDSTA has had a relationship with the National Guard team at Ellsworth for some time, and last week an Emergency Response Exercise was performed with the SD and WY National Guard Civil Support Team (CST). It was a great training exercise.

Mr. Headley then provided status updates on: 1) Federal funding—FY2018 Appropriation: SURF \$15M, LBNF/DUNE \$95M, LZ \$14.1M and FY2019 Appropriation: House bill has \$175M for LBNF/DUNE; Senate has \$145M. Both bills have passed their respective chamber and await conference. 2) LZ Construction—Davis Campus construction started Jan 2018 with a completion date of July 9; LZ cryostat arrived May 14-leak testing performed; the LZ team is addressing a white residue found on inside of inner and outer cryostat vessels; xenon procurement remains on track- received 1060K of 1500K liters.

In regard to the other experiments, Mr. Headley discussed the following: 1) Majorana Demonstrator (MJD)—Detector operations continue; E-forming preparations continue in the Davis Campus (SURF Authorization completed); March 2018 paper published in Physical Review Letters documenting MJD exceeded background radiation reduction goals; Planning underway for LEGEND experiment – initially 200kg target at Gran Sasso in Italy. 2) Compact Accelerator System for Performing Astrophysical Research (CASPAR): $14\text{N}(p,\gamma)15\text{O}$ campaign resumed mid-May, energy down to ~260 keV. Additional collaborators from Notre Dame, ORNL; liquid scintillator detectors to monitor neutrons; Planning for a new campaign in July is underway. 3) EGS/SIGMA-V—Enhanced Geothermal Systems project performing hydrofracturing and fluid flow in controlled testbed at 4850L; Eight 60-m drill holes (and associated core) completed in 2017; Fractures initiated, and water successfully flowed between holes in May while monitoring with considerable array of instruments; Preparations advancing for characterizing fracture using chemical tracers.

Mr. Headley reviewed the Ross Shaft safety enhancements: 1) Slack Rope Response System—System delivered to SURF on May 14; Installation completed on June 8; Commissioning occurred June 12-14; Final system acceptance completed. 2) Dogging System—Fabrication underway; Drop test planned for July 25; Delivery planned for early August. 3) Headframe structural strengthening—Design completed; KAJV to perform construction this fall.

In regard to the Far Site scope timeline, Mr. Headley discussed the following: 1) Sanford Lab Reliability Projects (2016–2020)—Ross Shaft rehabilitation: Hoist work; Oro Hondo Fan; New cage and skips; Refuge Chamber; Pre-Excavation (2018–2020)—Rock handling systems; Headframe Reinforcement. 2) Excavation & Infrastructure 2020–2023. 3) Cryostats/Cryogenic Systems and Detectors 2022–2030. 4) Detector Operation 2026+.

Mr. Hedley said upcoming work includes the following: 1) Ross Shaft rehabilitation is ongoing—A new electrical drive for the Oro Hondo Fan near Kirk Road is being ordered; New electrical drives, brakes, and clutches are being ordered for both Ross Hoists; The motors for the Ross Hoists are planned to be rebuilt. 2) Pre-bid site visits were held by KAJV May 21-25, with focus on: Headframe reinforcement; Electrical substation and distribution; Crusher rehabilitation; Miscellaneous site preparation; Various support services (trash, sanitary, surveying, etc.). 3) KAJV is also developing proposals for self-performing: tramway rehabilitation; and underground rock handling

In regard to the conveyor, Mr. Headley said LBNF is working with KAJV to evaluate technical improvements which has slightly delayed the project. He said the public visibility is not significantly different and it still will follow the old route with a short tunnel excavation, trestle over the highway and a cut through berm into the Open Cut.

Other LBNF updates: 1) Designing additional office space for Fermilab team at Ross Dry—FRA considering leasing small corporate office in the City of Lead. 2) KAJV will also be looking to lease office space in Lead. 3) Hiring additional positions (construction coordinators, logistics coordinator, procurement administrator, administrative assistant); Expecting to have 10 full time FRA people for LBNF in Lead by year end. 4) A new Fermilab division called the “South Dakota Services Division” has been established to integrate all Fermilab Activities at the Sanford Lab. The new Division Head Mr. Patrick Weber has started.

In regard to cultural activities, Mr. Headley reviewed the following: 1) The Cultural Advisory Committee (CAC) met on June 27 and received very positive feedback from the members. 2) Cultural Orientation video has been well received and is mandatory training for all employees, visitors, users and contractors. 3) As of May 2018 STARBASE NOVA Honor (Tribal outreach West River) and NOVA Courage (Tribal outreach East River) have conducted 66 academies in 2018 and taught 1,486 Tribal students. Thirty-six academies (825 students) have been held in Rapid City serving a large number of Native American students. 4) The 9th Annual Nerd Ceremony was held at the SDSM&T. Five Tiospaye Senior Native American Scholars were honored having completed all the science and math requirement for their Engineering degrees. 5) A prospective CAC member was interviewed to replace Ms. Molly Hall-Martin who has taken a position in Iowa. 6) A grant was obtained for West River STARBASE students to visit the Journey Museum’s Dome display for study of the universe.

In conclusion, Mr. Headley announced Neutrino Day X (its 10th Anniversary) on Saturday, July 14, 2018, and encouraged board members to inform their friends and family to attend.

ITEM 9C. South Dakota National Guard Facility Project Update

Mr. Headley introduced SDSTA Contracts Specialist Ms. Michele Baumann. She gave a slide presentation and said the project being discussed started a few weeks ago in cooperation with the National Guard Golden Coyote program. The National Guard program started in 1984 and provides learning opportunities for National Guard soldiers.

She said the National Guard training involved two teams: Horizontal Team (842nd Engineer Company)—trained and provided road work and included 34 soldiers and 2 medic soldiers; and Vertical Team (155th Engineer Company)—trained and provided construction work and included 44 soldiers. This year, the teams worked on the following projects: Maintenance roadway from the shop yard down to the WWTP; Roadway from WWTP to Park Avenue; Hauling/delivery of road base; Fish House at WWTP; Effluent Building at WWTP; Old High Building; Yates Crusher Room (Office); and Administration Building identifying circuit panels.

Ms. Baumann said the Assistant Adjutant General visited with the troops and awarded three medals for the work that was completed.

She noted the project team included SDSTA Surface Operations Foreman Dan Regan, herself, SDSTA WWTP Foreman Ken Noren and Golden Coyote Engineer Projects NCOIC (SDNG) CSM Michael O. Shay. Materials used for the projects included the following: Barrick Corporation donated 2,380 tons of road base; National Guard transported 320 tons road base to Barrick; SDSTA materials and supplies were \$4,888.97. Equipment and labor included 200 Hours of SDSTA Administrative and SDNG included 55 pieces of heavy construction equipment and 2,132 labor hours.

Ms. Baumann concluded that SDSTA will continue partnering with the SDNG/Golden Coyote Program and that there is a two-year contract with the SDNG. She said the Vertical Team will continue throughout the year with various building and infrastructure projects. The Horizontal Team will return and haul gravel and various other work. She said it has been a fun project to work on and a great

relationship has been built with the National Guard and they are appreciative of the opportunity to train their staff.

Mr. Headley said Ms. Baumann and Mr. Regan have done a great job with this project.

ITEM 9D. Education & Outreach (E&O) Update and Davis Bahcall Scholar Introductions

Mr. Headley introduced E&O Director Dr. June Apaza, who began her presentation by recapping the school year—September 2017 through the end of May 2018 and the number of K-12 students that were served: 10,192 and included curriculum units-2,327; Classroom presentations-6,214; Field trips-796; Other-855

Dr. Apaza reviewed the 2018 projects that were completed: 1) A high school unit, *It's Electric*, was developed, field tested and revised. 2) An online professional development class was developed and offered to 30 teachers during the spring semester. 3) A new geology field trip was developed and used extensively during the spring field trip season. 4) A new field trip, *Needle in a Haystack*, about shielding, was piloted during the spring field trip season. 5) A new K-2 unit, "*As a Matter of Fact*" was drafted and share for the first time at the summer teacher workshop. Pilot and revisions of that unit will happen in the fall. 6) A new "radiation" trip was developed and tested with a few groups this spring. Final revisions of that field trip will happen this summer. 7) Revision were made to the *StarStuff* unit. Some of the revisions were based on feedback, and others were based on new scientific discoveries. 8) A new web-based middle school performance task was developed, piloted and revised. 9) Visited eight teachers this year to provide additional classroom support to the teachers during the implementation of curriculum units.

She also discussed 2019 projects that are being planned: 1) Complete the K-2 unit, *As a Matter of Fact*. Teacher pilots and final revision still need to be completed. 2) Develop a new K-2 unit based on the life science and the earth/space standards. 3) Develop a new grades 3-5 unit based on the life science and the earth/space standards. 4) Develop a mini-unit about neutrinos. This will be an upper elementary and middle school unit that can be used as an introduction or follow-up on one of the existing units. 5) Develop a new elementary school presentation with the topic still to be determined. 6) Develop a new middle school presentation about geothermal energy. 7) Develop a new high school presentation about the water issues related to Sanford Lab. 8) Revise and offer the online professional development class to teachers across South Dakota. 9) Complete revision of *Seismic Science*, *May the Force be with You*, and *Exploring the Unseen* units.

Dr. Apaza concluded her report by stating she has copies of brief descriptions of all the curriculum units and if any of the board members are interested she could get them copies.

Chair Peterson asked how many students reached out to by the E&O Department visit the Sanford Lab Homestake Visitor Center? Dr. Apaza said those numbers are not specifically tracked.

Dr. Aprahamian commented that she is very impressed with the E&O program.

In conclusion, Mr. Headley announced that Dr. Apaza will be retiring at the end of this calendar year and they are actively looking to backfill the position.

Before making a motion to accept the executive director's report, Mr. Engel said at the last board meeting, Chair Peterson had asked about changes in document retention as it relates to SB100. He said most of the SB100 is not relevant to SDSTA and the SDSTA has a Records and Retention Policy and complies with the policy.

Motion by Ms. Wheeler and second by Ms. Lebrun to accept the executive director's report as presented. Motion passed unanimously

The board recessed for break at 9:24am and reconvened at 9:41am.

ITEM 10. APPROVAL OF LEASE FOR CITY OF LEAD MAINTENANCE SHOP

Mr. Headley said when the SDSTA took ownership of the Ellison Hill property, it included an existing lease between Homestake and the City of Lead for the city maintenance shop. He and Mr. Engel have been working with the City of Lead to develop a new lease to accurately reflect the work operations in that area as well as the SDSTA's expectations for storm water controls.

Mr. Christen asked if the lease is in perpetuity, and Mr. Headley replied that as a defined plan is developed on Ellison Hill for access way, the lease will need to be amended; the City of Lead is aware. He said the SDSTA is committing to a two-year base.

Mr. Engel interjected the existing Homestake lease the SDSTA inherited required Homestake to pay the City of Lead relocation compensation—that has been removed from the new lease. It was also noted that before the final agreement is sent to the City of Lead and the City Commission for approval, the word "Tenant" on some pages in the agreement will need to be replaced with the correction "City of Lead" and Mr. Engel will make those corrections.

Motion by Mr. Wheeler and second by and Mr. Dykhouse to approve the Lease as presented, to authorize the Chairperson, in consultation with the Executive Director and Legal Counsel, to negotiate the final terms of the Lease and to authorize the Chairperson to execute the final version of the Lease. Motion passed unanimously.

Chair Peterson noted that the agreement reads the landlord pays real estate taxes but noted to the board that SDSTA does not pay real estate taxes. He also asked who is designated as the landlord representative if there are modifications to the agreement. Mr. Engel said that person has not been specifically designated but it would be Mr. Headley.

ITEM 11. APPROVAL OF FY2019 OFFICE OF RISK MANAGEMENT INTERGOVERNMENTAL AGREEMENT

Mr. Headley said the agreement is reviewed and updated annually and there is nothing substantive to the changes in the FY2019 Office of Risk Management Intergovernmental Agreement. However, major changes are addressed in Appendix A, which came about from feedback received from various safety reviews. He said the Codes and Standard listed were general and those have been tightened up as well as requirements and specific regulations that are applicable to Sanford Lab.

Chair Peterson asked if there were any comments or questions. There were none.

Motion by Mr. Dykhouse and second by Mr. Christen to approve the FY2019 Intergovernmental Agreement between the Bureau of Administration, Office of Risk Management of the State of South Dakota and SDSTA, and to authorize the SDSTA Executive Director to sign the agreement. The motion passed unanimously.

ITEM 12. POLICIES AND PROCEDURES

ITEM 12A. Annual Review of Policies and Procedures

Mr. Headley said there a few new and updated policies for board approval and briefly discussed the following: new Public Comment Period policy, updated Holidays policy, updated Personnel Benefits policy, new Reimbursement of Goods and Services Policy and new Photography and Video Policy. (Mr. Engel has reviewed all of the new and updated policies).

Motion by Mr. Christen and second by Mr. Wheeler to approve the new and updated policies as presented. The motion passed unanimously.

ITEM 12B. Sign Annual Statements

Chair Peterson reminded board members to sign the annual statement affirming compliance with SDSTA Financial Conflict of Interest Policy and return to Administrative Services Manager Ms. Mandy Knight.

ITEM 13. EXECUTIVE SESSION

Motion by Dr. Aprahamian and second Mr. Dykhouse to enter into executive session to discuss personnel matters and to consult with legal counsel concerning legal and contractual matters. Motion passed unanimously.

The board entered into executive session at 9:49 AM and reconvened in open session at 10:21 AM.

ITEM 14. REPORT FROM EXECUTIVE SESSION

Chairperson Peterson reported that the board consulted with legal counsel concerning legal and contractual matters. No action was taken.

Motion by Mr. Wheeler and second by Mr. Dykhouse to approve the executive session report. Motion passed unanimously.

Dr. Rankin left the meeting at 10:23am.

Item No. 9 was revisited, and Science Education Specialist Ms. Julie Dahl introduced the 2018 Davis Bahcall scholars to the board. Dr. Cynthia Anderson, the Davis Bahcall Scholars program coordinator, stated that the time spent has been an enriching experience not only for the scholars but for her. Dr. Apaza then asked each scholar to state their name, where they are from and what studies they are interested in: 1) Lauren Schild-Yankton, SD, 2) Courtney Miller-Mitchell, SD, 3) Zachary Hoopman-Douglas, WY, 4) Hannah Neumiller-Spearfish, SD, 5) Gabriel Spahn-Rapid City, SD 6) Samantha King-Sioux Falls, SD 7) Grace Jones-Lead, SD and 8) Roberto Penaloza Valencia-Elkton, SD.

ITEM 15. MOTION TO APPROVE MEMORANDUM OF UNDERSTANDING

Mr. Headley said the MOU establishes an overarching agreement between the Fermi Research Alliance, LLC (FRA) and SDSTA and asked if the board had any questions. There were none.

Motion by Mr. Wheeler and second by Dr. Aprahamian to approve Memorandum of Understanding with Fermi Research Alliance, LLC, and to authorize the SDSTA Executive Director, in consultation with the Chairperson and Legal Counsel, to finalize the terms of the MOU and for the Executive Director to sign it. Motion passed unanimously.

ITEM 16. REPORT FROM NOMINATING COMMITTEE

Mr. Dykhouse reported that he and Dr. Aprahamian, comprising the Nominating Committee, teleconferenced on May 31 to discuss nominations. Mr. Dykhouse proposed the same officers as in the past. The following slate of officers were nominated for the fiscal year beginning July 1, 2018:

Chairperson: Mr. Casey Peterson

Vice-Chairperson: Mr. Dana Dykhouse

Vice-Chairperson: Mr. Ron Wheeler

Secretary Treasurer: Ms. Patricia Lebrun

ITEM 17. ELECT OFFICERS

Chairperson Peterson asked if there were nominations from the floor. There were none and following the prescribed election procedure a motion was made.

Motion by Mr. Dykhouse and second by Dr. Aprahamian to accept the report from the nominating committee and to elect the slate of officers as presented. Motion passed unanimously.

ITEM 18. CONFIRM DATE AND TIME OF NEXT MEETING

Chairperson Peterson asked if anyone had concerns with the next board meeting scheduled for Tuesday, September 18 at 8:00 AM (MT).

Ms. Lebrun said she will be absent. Mr. Dykhouse and Dr. Aprahamian said they will call in.

ITEM 19. PUBLIC COMMENTS

Chairperson Peterson announced he did not receive any public comment request forms. No one from the audience asked any questions.

ITEM 20. BOARD COMMENTS

Dr. Wilson said things seem to be moving along very well. He said the interim design report for DUNE should go out in the next two weeks, which is a technical summary of the detector. He congratulated the SDSTA staff for a job well done.

Mr. Dykhouse said the National Guard training is a nice partnership with many benefits. He commented later that the last two governors have supported the lab and asked if the lab has reached out to the candidates currently running? Chair Peterson, Mr. Wheeler and Mr. Headley all commented that they have had good outreach with candidates and their staff.

Dr. Aprahamian said she was happy to attend the board meeting in person this time and is delighted how things are going at the lab. She was also pleased to see how DOE reacted to the SURF project and believes the project is heading in the right direction.

Mr. Wheeler complimented Dr. Apaza for the work she has done. He said he also appreciates the coordination work with National Guard by Ms. Baumann and others. He thanked Mr. Headley and the staff for the work they are doing.

Mr. Christen said he is impressed with the E&O program and the number of students the lab is reaching in the state. He also thanked Mr. Engel for finding a way out of the issues that have arisen. He said he feels everything is going well and the project is making good progress.

Mr. Engel thanked the board and said we will help keep the project moving ahead.

Ms. Lebrun said she is amazed at all the progress that has been made. She said just a few years ago, the SDSTA faced some tough issues and it is remarkable how the lab has pulled through. She said she attended the CAC meeting and it went 'swimmingly' well. She thanked Dr. Apaza, her team and Mr. Russell. She said she sees progress everywhere she looks, and it is thrilling and heartwarming.

Mr. Headley thanked the board and said there are several issues the lab is working on and it is great knowing the board has his and Mr. Engel's backs—he appreciates their support. He also thanked Ms. Knight for providing administrative support and keeping the SDSTA Board organized.

Chair Peterson said he appreciates the board members as well as being nominated as Chair once again. He echoed Ms. Lebrun's comments and said the lab has grown. He said the SDSTA has a great legal counsel, executive director and staff. He also said the lab has great support from DOE as well as Mr. Patrick Weber (South Dakota Services Division Head). He said the project continues to get better with increased institutional knowledge. He thanked Ms. Knight for organizing the board meeting, Dr. Apaza for all the education outreach, Mr. Russell for his cultural outreach and Ms. Walter for her communication outreach to the world.

ITEM 21. ADJOURN

Chairperson Peterson asked if anyone had any other questions or comments, then called for a motion to adjourn.

Motion by Mr. Dykhouse and second by Ms. Lebrun to adjourn. Motion passed unanimously.

Meeting adjourned at 10:43 AM.