

**Supercomputing Challenge  
Board of Directors Meeting May 10, 2011  
Sandia National Laboratories, CSRI**

**Minutes**

10:05 AM **Action:** 1. Call to order by President Irene Lee

10:06 AM **Action:** 2. Quorum Irene Lee

Board Members Present:

Ed Angel	phone_____
Bill Blackler	Yes_____
Bob Bolz	No_____
Tom Bowles	No_____
Shaun Cooper	No_____
Ron Davis	phone_____
Celia Einhorn	via Skype_____
Betsy Frederick	Yes_____
Tony Giancola	No_____
Stephen Guerin	No_____
David Kratzer	Yes_____
Irene Lee	phone_____
Lorie Liebrock	phone_____
Debra Loftin	Yes_____
Bob Robey	Yes_____
David Rogers	Yes_____
Tim Thomas	phone_____
Mike Topliff	phone_____

Others Present:

\_\_\_\_\_  
\_\_\_\_\_

10:06 AM **Information:** 3. Introduction of Board Members Irene Lee

10:07 AM **Action:** 4. Approval of Agenda Irene Lee

Motion by: Mr. Kratzer \_\_\_\_\_  
Seconded by: Mr. Blackler \_\_\_\_\_  
Vote: For: All\_\_\_ Against: \_\_\_\_\_

10:08 AM **Action:** 5. Minutes of Previous Meeting David Kratzer

Motion by: Ms. Frederick \_\_\_\_\_  
Seconded by: Dr. Thomas \_\_\_\_\_  
Vote: For: All\_\_\_ Against: \_\_\_\_\_

10:09 AM **Information:** 6. Treasurers Report

Mike Topliff

Checking account balance is \$44K in checking, \$108,189.67 in CDs. \$16K left in Perkins, \$3,464.51 in PED grant, \$3,000 invoiced submitted to PED. Outstanding bills include ~\$500 for awards, ~\$1600 for Armark, board insurance (~\$1,300), kickoff insurance, (\$550). Need to invoice and get reimbursed from the Perkins monies. We will be using it for the Albuquerque Roundup, the Dona Ana Roundup and past Dona Ana expenses. STI got \$15K from Google, LANS possible \$35K, EPSCoR \$1K/per MST student. Rough STI budget looks like we need \$60K, so we might be \$10K short.

Motion by: Mr. Robey \_\_\_\_\_  
Seconded by: Mr. Kratzer \_\_\_\_\_  
Vote: For: All \_\_\_ Against: \_\_\_\_\_

10:20 AM **Information:** 7. Fundraising Committee Report

Ms. Lee is submitting a CE21 grant for 40 teachers to have an STI like experience. Basic Computer Science and an online community to share information like lesson plans, etc. Proposal for \$1Million. Mr. Kratzer has meeting with LANS about \$70K donation. Ms. Frederick working with southern NM schools looking for money to support Challenge teams and GUTS Clubs to support them for 2011-2012. Good work Betsy. Morris Kaufman, of NSTec in Los Alamos, wants to give scholarships next year. Mr. Davis talked with Linda Wadeen of HP and will get documentation about getting grants from HP. Also working with Paul Cook of SGI and talked to a VP at Dell to see if there are some grants we can apply for. We haven't done anything with the Verizon grant recently. Need to get a NM teacher to go to the Shodar /EPSCoR Introduction to Parallel Programming and Cluster Computing in Idaho this summer.

10:35 AM **Information:** 8. Personnel Issue: Replacing Betsy Frederick at local activities Irene Lee

Betsy Frederick will be moving to Connecticut in August but will still be involved as much as possible. There will be an EPSCoR team of NM Tech students helping with STI and the Kickoff. Six students so far, but hopefully up to ten. (NM Tech has a new EPSCoR secretary, Megan Mekelroy, [secretary@cs.nmt.edu](mailto:secretary@cs.nmt.edu))

10:45 AM **Action:** 9. Board Member Issues

Irene Lee

Betsy will contact Shaun Cooper about resigning from the board and we would like to ask Richard Oliver, NMSU to join the board in Shaun's place. He is willing to be on the board and Betsy sent out his vita. Mike Topliff would like to resign from being the Board Treasurer as of July 1<sup>st</sup>. Cyndy Topliff is also resigning as our pro-bono CPA as of July 1<sup>st</sup>. Mike will be involved in STI and the Kickoff. Mr. Blackler would consider being the Treasurer. Cyndy suggests we work with Gary Benn for our CPA type activities.

There was a motion to add Dr. Richard Oliver of NMSU to the board.

Motion by: Dr. Angel \_\_\_\_\_  
Seconded by: Mr. Kratzer \_\_\_\_\_  
Vote: For: All \_\_\_ Against: \_\_\_\_\_

There was a motion to accept Dr. Mike Topliff's resignation to the board.

Motion by: Mr. Kratzer \_\_\_\_\_  
Seconded by: Mr. Blackler \_\_\_\_\_  
Vote: For: All \_\_\_ Against: \_\_\_\_\_

We'll look into creating a scholarship in the Topliff's names.

There was a motion to name Mr. Bill Blackler as Treasurer, Bob Bolz will continue to help as needed, Lorie Liebrock work as liaison with NM Tech, and Gary Benn as person who does our taxes.

Motion by: Mr. Robey\_\_\_\_\_

Seconded by: Mr. Kratzer\_\_\_\_\_

Vote: For: All\_\_\_ Against: \_\_\_\_\_ Abstain: Mr. Blackler

11:19 AM **Information:** 10. Strategic Planning Bill Blackler

The Strategic Planning Committee will consist of Mr. Blackler (who is willing to coordinate) and Dr. Bowles and Ms. Lee and Dr. Angel, Mr. Rogers and Dr. Thomas. The committee will meet at the Santa Fe Institute 10-2 on August 2<sup>nd</sup> and anyone else is invited to join. Ms. Loftin is trying to get involved in the Native American Summer Academy in Rio Rancho by having the students use StarLogo to improve their reading and literacy skills. Michael Trahan, head Finalist Judge, and Eleanor Walther, head Expo Judge, would like to see us get some teams involved in the Cyber Defenders program at Sandia. Dr. Liebrock is familiar with Cyber Defenders and will also work on this initiative. Could we have a Cyber Defenders track at the Kickoff, which is announced at STI and in August/September? Get Neale Pickett involved as well. He is a past Challenge participant, from NM Tech, promoting Cyber Defender work in Espanola with students there.

11:55 AM **Information:** 11. Expo/Awards Ceremony recap

We are receiving lots of good quotes from students and teacher. Twenty scholarships were given out and many teams/students/teachers were honored and rewarded for their hard work. There were many volunteers, approximately 90 from LANL and 40 from other business and universities that made the events successful.

12:00 PM **Information:** 12. Upcoming Conferences/Events

Ms. Frederick will update the board on summer events. Mr. Kratzer will update the web page with "Summer Programs for Youth" with input from Ms. Frederick and Ms. Lee, and others. Mr. Robey announced an HPC GPU "meet up" at the Santa Fe Complex on June 8<sup>th</sup>. We need to see about having a CS AP course again.

12:10 PM **Information:** 13. Curriculum development for SC Celia Einhorn

We are trying to get the curriculum crew together to discuss the Summer Teacher Institute. We are looking at May 27<sup>th</sup>.

12:17 PM **Information:** 14. NMSTE conference report Betsy Frederick

Challenge participants Sara Harte and past Challenge participants Talaya White did a web cast. It was recorded and is available at: <http://nmsu.na5.acrobat.com/p60482966>  
The New Mexico Society for Technology in Education (NMSTE) conference. We pushed "Broadening Participation in Computing". One of the keynote speakers was Ann Gates of University of Texas El Paso (UTEP). We organized the Saturday morning keynote session with two follow up session on Stuck in the Shallow End and such topics. Albert Simon talked about "Increasing Involvement and Success in Technology Among Minorities and Young Women" and Richard Oliver talked about "Computational Thinking: What's it All About?"

Ms. Frederick and Dr. Liebrock attended the NM EPSCoR conference on April 6-8.

Ms. Frederick attended the April 2<sup>nd</sup> STEM-C conference at NMSU.

Ms. Frederick, and others, coordinated the Dona Ana CC Roundtable on May 6<sup>th</sup> which had 90 student participants and 16 teachers.

12:25 PM **Discussion:** 14. Social Networking Irene Lee  
Might use a private social network next year. Social Engine,  
<http://www.socialengine.net>.

12:28 PM **Discussion:** 15. Topic for next Challenge year:  
Water Resources, Cyber Infrastructure, and Networking under the board  
umbrella of visualization.

12:30 PM **Discussion:** 16. Other Discussion  
The Board of Directors contact information was updated.

12:32 PM 17. Adjourn  
Mr. Robey moved we adjourn. Thanks to David Rogers for hosting today.

Next meeting will be on 10 am Tuesday, August 9th, at SFI.

Last meeting of the year will be on November 8<sup>th</sup> 10-1:00 at NM Tech.

President \_\_\_\_\_ Secretary \_\_\_\_\_