

Supercomputing Challenge Board of Directors
Meeting Minutes - May 22nd, 2015
Santa Fe Community College

1. 1:12 PM - Call to Order

2. 1:13 PM - Quorum Achieved; Board Members Present:

Ed Angel	Present
Bill Blackler	Present
Tom Bowles	Present
Jed Crandall	Present by phone
Matthew Curry	Present by phone
Ron Davis	Present by phone
Tony Giancola	Present by Skype
David Kratzer	Present
Patty Meyer	Present by Skype/phone
Bob Robey	Present
Tim Thomas	Present by phone
Teri Roberts	_____

Others Present: Josephine Kilde, Kari Erickson

3. 1:14 PM - Approval of Agenda

1. (1:00 pm) Call to Order
2. (5 min) Quorum
3. (5 min) Approval of Agenda
4. (5 min) Approval of Previous Minutes
5. (1:15 pm 10 min) Board President's message -- Bob Robey
Immediate Goals
6. (10 min) Executive Director's message --
David Kratzer and Josephine Kilde
7. (25 min) Human Subject Issues
8. (2:10 pm 30 min) Fundraising Initiatives
Committee -- Bill Blackler, Ron Davis, David Kratzer,
Josephine Kilde, Tom Bowles, Bob Robey, Jed Crandall, Tim Thomas
Current report on funds raised this year
Fund Raising Goals for the rest of this year -- ???
Letter of Introduction -- Foundations
9. (2:30 pm 20 min) Treasurer's Report -- Bill Blackler
Status and Reports
Bookkeeping and QuickBooks
10. (10 min) Board member actions
11. (3:00 pm 15 min) Recent Activity Reports
12. (3:15 pm) Future Activity Planning
Summer Teacher Professional Development
2015-16 Program -- Theme
13. (4:00 pm) Adjourn

Motion to approve Agenda (Bill; Ed, seconds) → Unanimous

4. 1:15 PM - Approval of Previous Minutes

Approval pending insertions of required stuff.

Motion to approve Minutes (Tom; Bill seconds) → Unanimous

5. 1:16 PM - Board President's message -- Bob Robey

Immediate Goals -- Fund-raising is still the top priority. We can't do anything else if we don't have the funding to do it. What are we selling? We are selling our current program which gives NM students the skills to participate in the high tech economy (gap skills). With an increase in funding over our base levels, we can improve our outreach to rural areas, improve the quality of the program, offer a summer gap skills program and look at innovative techniques for student and teacher skill development. We could also look at expanding outside the state and how to scale the Challenge program for a larger and wider geographic student (and teacher) participation. But the first priority is to solidify the base funding for our current program and re-establish some reserves.

We need to get our finances documented. We need to sell our current program and show direction. Past accomplishments include two \$100,000 Siemens scholarship winners.

6. 1:25 PM – Executive Director's message -- David Kratzer

Kari Erickson was introduced. She is David's summer intern at LANL this summer and will work on the Summer Teacher's Institute, the Challenge web page, and planning the Kickoff at NM Tech in October.

7. 1:27 PM – Human Subject Issues

Responsibility is with the place of research and only is required if it is receiving certain types of Federal Funding

This past year

Team 42 was supervised by medical professionals

Team 108 did get a review from Las Cruces Public Schools (ref. Rebecca Galves).

The Challenge is currently not required to review for Human Subjects, but is close enough to organizations that would be required that it may not be perceived to be separate by the public

We have to screen for Human Subject issues. The screening questions from Heidi Hahn (LANL IRB chair):

- * Does the project use data obtained from or about a living person?
- * Does the project involve "big data" or use social media as a data source?
- * Does the project require that humans be present for the study to be valid?

The Challenge itself is probably OK with what it is currently doing (for our data collection, etc.)

We should also screen for safety, data protection, and ethics at the same time.

We should have a process, on the web page for Proposal and Interims submissions, to screening projects. Maybe we could get a flowchart from Heidi Hahn.

Motion that we be aware of projects with Human Subject Issues, Awareness/screening, Avoidance, Action, getting local adults to take responsibility and have training of the issues with human subjects and human data. (Tom; Bill seconds) → Unanimous

8. 1:45 PM – Fundraising Initiatives

We raised about \$130k this year -- far more than we were expecting at the beginning of the school year. We received \$50K from LANS, ~\$60K from the New Mexico legislature and \$10K for scholarships from an anonymous donor.

With the slight lull in programs this summer, I'd like to set a target of raising another \$150k through efforts this summer.

Comments from board members:

Ron Davis: I got Abba. I am also talk with other tech corporations to find out how we access their grant/donation people.

Bill Blackler: BigByte and Van Dyke, I will follow up with TIG.

Tom Bowles: Thornburg Foundation (gives ~\$1 million/year). Abba Tech and CAaNES need follow-up. A contact with Innovate/Educate, Intel and SFI would be good.

*Jed Crandall has suggested the following NSF solicitation with a deadline of Nov 2.

<http://www.nsf.gov/pubs/2015/nsf15536/nsf15536.htm>

Who can help Jed with this proposal? We should get our plan of attack for the response together soon.

Bob Robey: * There is an on-line Wells Fargo application due in June.

We need to investigate support from EPSCoR.

Ben Ray Lujan testified yesterday about Hispanics in STEM. Tom Bowles thinks there is NSF funding for expansion.

* We should get an annual report out to Sandia and they should be taking proposals in mid-summer.

The plan is to write up a report of the year in June in addition to a report to Sandia. Contact Amy at Sandia about report and submission for 2015-16 funding. Should meet with Rob Leland. What Challenge participants are now at Sandia? Include Sandia volunteers.

* We need to get a Letter of Introduction and some foundations to target.

The letter should be about two pages and one page of “ask” for donation. Should include stats and successes. Could start from Bob Bolz and Tim Thomas’ December 2014 letter.

9. 1:45 PM – Treasurer's Report -- Bill Blackler

Kudos to Patty Meyer and crew for getting the fee payments in this year -- report from Patty Meyer. Need a monthly report from staff as to how time was spent. Budget item for fundraising, budget item for web site development.

Motion that we accept the budget with these additions. (Tom; Ed seconds) → Unanimous

- a) Balance at US Bank: \$55,026.78; Balance at LANB: \$15,170.14; Assets: \$70,196.92.
- b) Still have ~\$650 at NM Tech.

Motion that we move all moneys to LANB. (Ed; Tom seconds) → Unanimous

10. 3:12 PM – Board member actions

Scott Chadde has said he will resign from the Board.

Board accepts his resignation (Bill; Ed seconds) → Unanimous

Leslie Rosenthal (NM Tech CS secretary) will work with us on the NM Legislature \$60K. Bill will check with her and develop a budget for that money.

We need to develop a candidate list for new board members. Forward suggestions to Bob Robey and Teri Roberts.

Officer elections – Move that vice president and secretary positions be voted on at the next meeting, nominations are open.

We need better connections for board meetings for remote folks.

11. 3:30 PM – Recent Activity Reports

On Friday and Saturday May 1-2, there was a Supercomputing Challenge booth at RoboRave International at the Abq convention center. Report sent earlier to the Board by D. Kratzer.

Reported on the UNM/Sandia tour in March: low turnout due to late advertising, but those that participated did enjoy the tours.

The Expo was a success as usual. Bill will thank the Governor for declaring April 21 “Supercomputing Challenge Day”.

12. 3:45 PM – Future Activity Planning

Summer Teacher Professional Development -- Josephine, David and Patty

We will work on problem issues we have seen: modeling, IRB, and report writing. There will be a face to face meeting June 5-6 followed by eight weeks of online work with another face to face meeting July 31-Aug 1.

2015-16 Program -- Theme ??? -- Along the lines of the Supercomputing Conference (HPC Transforms, HPC Matters, etc.) Maybe “Supercomputing in Your Life”?

Cloud Supercomputing -- diagram (based on suggestions of John Minor at Strategic Planning Meeting).

Our student projects are already there.

From D. Kratzer -- It would be nice to discuss what kind of projects we would like to see the students doing. Computational modeling, simulations, HPC projects, Big Data projects, cyber security projects, mobile apps, anything that uses a computer in the solution, ...

13. 4:08 PM – Adjourn

Motion: Ed, seconded Tom.

Respectfully submitted to the Board,
David Kratzer, on behalf of
T.L. Thomas, Secretary