

**Supercomputing Challenge  
Board of Directors Meeting April 15, 2010  
At UNM Center for Advanced Computing Research  
1601 Central Ave., NE, Albuquerque, NM 87106**

**Meeting Minutes**

10:09 AM **Action:** 1. Call to order by President Bill Blackler

10:09 AM **Action** 2. Quorum Bill Blackler

Board Members Present:

Ed Angel	Yes_____
Bill Blackler	Yes_____
Bob Bolz	_____
Shaun Cooper	_____
Ron Davis	Yes_____
Celia Einhorn	Yes_____
Betsy Frederick	Yes_____
Tony Giancola	Yes_____
Stephen Guerin	_____
Marianne Granoff	_____
David Kratzer	Yes_____
Irene Lee	_____
Lorie Liebrock	Yes_____
Debra Loftin	Yes_____
James Peery	_____
Bob Robey	Yes_____
Mike Topliff	Yes, via phone
Victor Kuhns	_____

Others Present:

Dr. Tim Thomas, UNM\_\_\_\_\_

David Rogers, Sandia\_\_\_\_\_

\_\_\_\_\_

10:10 AM **Information** 3. Introduction of Board Members Bill Blackler

10:13 AM **Action:** 4. Approval of Agenda Bill Blackler

Motion by: Dr. Liebrock\_\_\_\_\_

Seconded by: Mr. Giancola\_\_\_\_\_

Vote: For: All\_\_\_ Against: \_\_\_\_\_

10:15 AM **Action:** 5. Minutes of Previous Meeting David Kratzer

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

Seconded by: Ms. Frederick\_\_\_\_\_

Vote: For: All\_\_\_ Against: \_\_\_\_\_

10:18 AM **Action:** 6. Treasurers Report Mike Topliff

See <http://www.challenge.nm.org/board/> for financial information from Cyndy Topliff. There is \$13,477 left in the LFC fund at NM Tech. There is \$11,777 left in the PED fund which will be used to fund the GUTS clubs. We have \$109K in reserves and \$79,431 in the checking account. Have \$5K from Google RISE for Roundups, \$1.5K from CHECS for awards at the Awards Ceremony. \$50K is coming from LANL's CCS Division for finalist awards and scholarships. We received \$2K from Bigbyte for Awards Day's expenses. We'll need to provide about \$7K for food for the Expo and Awards Ceremony. We have \$15K from EPSCOR (there is also \$15K for GUTS from EPSCOR) for anything as long as we promote climate change type projects this year.

Motion by: Mr. Kratzer\_\_\_\_\_

Seconded by: Mr. Giancola\_\_\_\_\_

Vote: For: All\_\_\_ Against: \_\_\_\_\_

10:29 AM **Action:** 7. Resignation of Director James Peery Bill Blackler

Dr. Peery sent Mr. Blackler a message indicating his resignation and suggesting David Rogers be his replacement from Sandia National Labs.

Motion by: Mr. Giancola\_\_\_\_\_

Seconded by: Ms. Einhorn\_\_\_\_\_

Vote: For: All\_\_\_ Against: \_\_\_\_\_

10:30 AM **Action:** 8. Appointment of New Director Tim Thomas Bill Blackler

Dr. Thomas has been with UNM for 17 years in the physics department and is the deputy director of UNM-CARC, Center for Advanced Research Computing.

Motion by: Mr. Kratzer\_\_\_\_\_

Seconded by: Dr. Liebrock\_\_\_\_\_

Vote: For: All\_\_\_ Against: \_\_\_\_\_

10:37 AM **Action:** 9. Appointment of New Director David Rogers Bill Blackler

Mr. Rogers has a background in architecture but moved into computer science and got an MS from UNM and worked at Dream Works. Now runs data analysis and visualization group at Sandia.

Motion by: Dr. Liebrock\_\_\_\_\_

Seconded by: Ms. Frederick\_\_\_\_\_

Vote: For: All\_\_\_ Against: \_\_\_\_\_

10:40 AM **Information:** 10. Intel Parallel Programming Bootcamp Celia Einhorn

Been working with Bob Chesebrough of Intel and he presented an overview of his Think Parallel lessons to several Challenge instructors. The week of June 14, there will be a workshop that will be delivered via the NM CAC gateways. We will push to get our finalists to participate and will invite all Challenge participants. We would need to provide instructors to help Bob and to carry on the teaching after June. There would be costs involved with that (probably \$10K), but the use of the materials and gateways would be free. We could tap EPSCOR to provide funding for this. Probably need \$10K for facilitators and \$1.5K for misc expenses.

10:56 **AM Discussion:** 11. STI & Summer Roundups Betsy Frederick  
STI is two weeks long for teachers, to get new teachers involved and to support current teachers. The Roundups are one week long and have students and teachers in the morning and teachers in the afternoon. No credit is given to the teacher. We try to provide some stipends. The Roundup scheduled in Las Cruces, at Dona Anna CC, will be fully funded by them. We hope to have 15 participants at seven Roundups this summer. We have the \$5K from Google RISE to help cover the costs. A Roundup costs about \$2.5K. We hope to get some support from PED. We want to record some sessions and distribute them over the Web. We should plan to have an STI, via NM CAC gateways, in some fashion. \$40K should be enough to pull off something. We will list the course with NM Tech, but not plan to provide graduate credit. We need to have commitments by Memorial Day.

11:25 **AM Discussion** 12. Synergy Program Evaluation Betsy Frederick  
[http://www.challenge.nm.org/board/Synergy\\_SCFinalPlan\\_no\\_figs.doc](http://www.challenge.nm.org/board/Synergy_SCFinalPlan_no_figs.doc)  
[http://www.challenge.nm.org/board/Synergy\\_Final\\_Evaluation\\_Report\\_2009-2010.ppt](http://www.challenge.nm.org/board/Synergy_Final_Evaluation_Report_2009-2010.ppt)  
The report is a good overview of the program. It helped document many things we are doing. They think it would cost about \$30K to do a thorough evaluation of the Challenge over one year. We need to concentrate on the outcomes for the teachers. An evaluation would definitely help with fund raising. We need to get a national presence. We need to try to get into the Supercomputing Conference or SIGCSE.

11:48 **AM Information** 13. Stuck in the Shallow End Celia Einhorn  
We are collaborating with the Project GUTS and Innovate-Educate to try to have a summit to discuss the issues brought up in the book. A “design team” will meet June 3-4 to work on planning the summit. Both educators and industry need to attend the summit. We need to help increase the state standards for technology. We need to get teachers versed in using computing in their topic area. ABBA has donated funds to purchase several books for distribution.

11:59 **AM Discussion:** 14. Strategic Planning Bill Blackler  
Because of current funding issues, what is reasonable for a strategic plan?  
We need a budget for next year, or maybe two. One for a hard year and one with what we would like to be able to accomplish. What is the bare bone minimum for the different events?  
STI \$40K, Intel Parallel Bootcamp \$11.5K, Staff \$6K/month (plus \$1-3K for outreach staff), Roundups \$15K (but have \$5K), Kickoff \$40K, (\$25K min), \$5K for AP CS class, \$10K for Sandia/UNM tours, Expo/Awards Ceremony \$40K (\$25K paid by LANL), Scholarships/Internships \$50K, \$172K for events, \$72K for staff plus extras means we need \$290K (plus \$10K for Synergy Teacher evaluation). Need to come up with \$163K.

1:00 **PM Information** 15. Fundraising Committee Report Ron Davis  
Mr. Davis passed out a spreadsheet of contacts of potential funders.  
Discuss possible companies to contact. Look for companies interested in climate change to support our projects this year. Eric Whitmore joined us and gave suggestions of companies and contacts.

1:36 **PM Information** 16. Final Reports David Kratzer  
61 reports submitted. 28 scholarship applicants.

1:40 **PM Information** 17. Expo/Awards David Kratzer  
221 students and teachers have registered. Have 14 Finalist Judges, 34 Expo Judges, 5 Scholarship Judges, 3 Web judges, 42 tour group escorts, ...

1:50 **PM Information** 18. Birthday Celebrations/Mini Challenges Celia Einhorn  
Didn't have a lot of participation in the Mini Challenges but did reward five students for entering.

1:53 PM **Information** 19. Next board meeting, July 22<sup>nd</sup> at NM Tech at 9:00 am.

1:55 PM **Action** 20. Adjourn  
Mr. Kratzer moved to adjourn.

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