



MATH, SCIENCE & SOCIAL SCIENCE DIVISION

Meeting Minutes

Nanotechnology Technical Advisory Committee

Wednesday, March 17th, 2010

4:00-5:30 p.m.

Math, Science & Social Science Conference Room

MEMBERS PRESENT

Ethan Allen, University of Washington
Mark Helsel, Microvision
Chad Goodwin, EnerG2/NSCC
Jeanne Small, University of Washington
Shaun Taylor, University of Washington

Len McNally, Honeywell
Dan Ratner, University of Washington
Sarah McQuaide, University of Washington
Kathleen Stamm, KMS Designs, LLC

NSCC MEMBERS PRESENT

Alissa Agnello
Peter Lortz

Maureen Devery
Mary Ellen O'Keeffe

I. INTRODUCTIONS (McNally)

The meeting was called to order at 4:10 p.m. Each person introduced themselves and company/college/university they represented.

II. APPROVAL OF MINUTES (McNally)

Minutes of fall quarter meeting held on October 29, 2009, were approved as corrected.

III. UPDATES FROM NSCC NANOTECHNOLOGY PROGRAM (Agnello/McNally)

- Enrollment: 7 students in NANO 250. NANO 101 was canceled and an expected larger cohort will occur in Fall Quarter 2010.
- Two students will graduate this Spring, one has been accepted into the University of Washington. Chad Goodwin will graduate in Fall.
- NSCC is investigating the possibility of offering non-technical internships as students are interested in the business and marketing side of nanotechnology. Len thought the technical track was preferred and students could after if they wanted to explore a different area.

III. UPDATES FROM NSCC NANOTECHNOLOGY PROGRAM (Agnello/McNally) Continued

- Alissa said the merging of two NANO courses was a bad idea and would like to go back to original plan. Alissa will email the Master Course Outlines to committee members and they will submit to Alissa their thoughts.
- Ethan gave an update on Minor in Nanotechnology at UW (which was described more like “option” in nano set for each department, rather than the same set of courses for all departments). Kathleen asked what the timeline might be and Ethan said probably 4+ years from now. Ethan also said the Research Experience for Undergraduates was stalled until director of new Institute for Molecular Engineering announced.
- Alissa reported the AFM/STM has been ordered with NSF SHINE dollars.

IV. SHINE UPDATES (Devery/Small/Agnello)

- Maureen showed a PowerPoint presentation on SHINE and the “Train the Trainer” workshops in August. Maureen asked committee members to consider being on an industry panel at the workshop.
- Jeanne suggested bringing a camera to all outreach events.
- Alissa reported on the SHINE Website being developed. Jeanne suggested creating a Facebook group and plugging into Science 360.
- Alissa requested the Technical Advisory Committee members provide her a biography so it can be posted on the website.
- A student (Kyle Milliken) wrote the “what is nanotechnology” introduction. It was suggested that the student be given credit on the website.

V. INDUSTRY INVOLVEMENT (Agnello)

- Alissa said student internships would be starting in early April.

VI. QUESTIONS FOR INDUSTRY (Lortz)

- Pete asked if NSCC was covering all the Nanotech areas in curriculum, marketing, TAC membership, and funding opportunities. Discussion followed in reference to the NSF SHINE grant, workshops, and internships and as to whether students were planning to enter industry or transfer to the University of Washington. Committee felt NSCC was doing a good job in training and assisting students in attaining their educational goals, but commented students would need more credits than they realize in order to transfer to the U.

VII. ADJOURNMENT (McNally)

Meeting was adjourned at 5:30 p.m.