



MATH & SCIENCE DIVISION

**Meeting Minutes**

Nanotechnology TAC Meeting

Thursday, June 18, 2015

3:30 – 4:30 PM

Teleconference – GoToMeeting

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**MEMBERS PRESENT**

Dan Ratner, *University of Washington – BIOE*

Frank Garcia, *RJC Enterprises, LLC*

Len McNally, *Honeywell – **Committee Chair***

Mark Helsel, *Microvision*

**NSC MEMBERS PRESENT**

Alissa Agnello

Brian Rucci

Kristine Schroeder

Mine Her

Peter Kazarinoff

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I. Introductions

- The meeting was called to order at 3:30 PM. Each person introduced themselves and company/college/university they represented

II. Approval of Minutes

- Reviewed minutes from the December 4<sup>th</sup>, 2014 meeting
- Minutes were approved as written

### III. Updates from North Nanotech Program & SHINE

- Personnel Changes
  - Maureen Devery has left SHINE for a position at the Seattle Pacific Science Center, her last day was January 6, 2015
  - Peter Kazarinoff has accepted a Full Time Tenure track Faculty position, his last day will be August 21, 2015
    - SHINE is currently in the process of hiring a new Managing Director.
  - Alissa Agnello is currently a finalist for North Seattle College's Dean of Math & Science position, she will be notified of a decision by the end of June 2016
  - The Nanotechnology Department is confident that staffing for the Nano courses, and for SHINE will not be a problem
- Internships / graduates
  - 2 graduating students this June, 7 more will be finishing their internships and graduating over the summer
  - 9 internships this year (2 still need to be confirmed for this summer), 4 are direct hires (LiloTree, Lab/Cor, Inc., VeriAvanti, Studio Fathom)
- MNT Conference
  - SHINE will host and co-sponsor a National Conference, the 5<sup>th</sup> Annual Micro Nano Tech (MNT) Conference June 24-26, 2015 at North Seattle College
  - There will be approximately 100 participants from all over the country, with 50 different conference presentations
  - The conference is planned, produced, and funded by a consortium of six National Science Foundation Advanced Technological Education Centers
  - SHINE will be publishing the 2015 MNT Conference Proceedings in e-book form in collaboration with E-mate, an ATE project that specializes in E-books
    - This is the first time the MNT Conference Proceedings have been published and serve as a model on how to publish proceedings from an ATE conference

### IV. Role of TAC

- Role of TAC and introduction to BILT Nano

- BILT Nano is the Business & Industry Leadership Team for Nanotechnicians Training. BILT Nano meets quarterly to connect stakeholders in the nanotechnology industry.
- Each BILT Nano meeting is run online by a featured industry member. This industry member updates BILT Nano on the work in their company and solicit questions from the team.
- TAC is the North Seattle College local advisory board, BILT is SHINE's regional advisory board
  - See TAC/BILT table (included document)
- Invitation to BILT Nano's next call: June 30<sup>th</sup>, 8:00 – 9:00 am
  - Peter will send invitations to all TAC members
- TAC Member forms
  - TAC add/drop/renew membership forms were disseminated to members
- What do you hope to get out of participation in the TAC?
  - Connection to the college and a connection to student education

V. Adjournment

- Meeting was adjourned at 4:30 PM

<b>Nanotech TAC (North Seattle College)</b>	<b>BILT Nano (SHINE)</b>
<p><b>Mission:</b> To support North's Nanotechnology education program</p>	<p><b>Mission:</b> To form a network of nanotechnology stakeholders in the region</p>
<b>Committee Roles</b>	
<p>Reviews North's nanotech curriculum and advises on changes</p>	<p>Provides information to update, modify, expand, and improve technician education programs</p>
<p>Supports students and faculty through guest lectures, tours, etc</p>	<p>Makes recommendations for nanotechnican education curriculum and provides assistance in implementing these recommendations with education partners</p>
<p>Assists with internship/job placement for North's students/graduates</p>	<p>Supports and strengthens relationships between industry, educational institutions, and the community</p>
<p>Provides information on the "state of the local industry"</p>	<p>Assists in identifying needs, determining priorities, and reviewing and evaluating programs to connect to the needs of the regional industry</p>
<p>Provides publicity for North's nanotech program</p>	<p>Articulates long-term goals and objectives of technical programs to students, educators, employers, and the community</p>
<b>Meeting Management</b>	
<p>Meets 2-3 times per year (at North Seattle College, UW, or by phone)</p>	<p>Meets quarterly by phone conference</p>
<p>Led by TAC chair and North faculty</p>	<p>Led by SHINE, includes short presentations by industry members</p>
<p>Commitment to 1, 2, or 3 quarter term (can be renewed annually)</p>	<p>Industry members commit to one year term; Others (e.g. educators, program personnel, public, etc.) are invited to listen</p>