MNTeSIG 1/13/20 Online Meeting Minutes

Attendees:

Bob Ehrmann, Mike L., Abe Michelin, Terryll Bailey, Pamela Auburn, Andy Bell, Marco C. , Neda, Jim Marti, Jared Ashcroft, Jim Smith, Kait Alcott, Ray Tsui, Todd Christenson, Michael Lund

Scribe: Matthias Pleil

Discussion

New Folks

Neda Habibi – NW Vista College, PI on Nano Grant (added to MNTeSIG email list)
*Neda – we need your bio for the Asset Book

Sub Team Updates

1. Growing MNT – Rick Vaughn – Too bad Tony D. is no longer on the team. Rick didn't get much traction, Jim Shipley is the only other member in contact. Rick wants to reset the team. Matt: Leverage the online form – MNTeSIG Members need to push partners to the MNTeSIG home page, where the form resides. Bob suggested add the MNT logo to the signature line. Everyone could recruit one person. Bob's Brilliant suggestion: add MNTeSIG link in your signature line. Who are we trying to recruit? Tech Educators priority, admins, HS STEM folks etc. Terryll suggested we craft a form letter/flyer to send to folks who may be interested, say 1/month for a few months. Vaughn – need structure as to we invite.
2. Faculty Development – Jim Smith – will be re-booting this spring. Gary will be helping out. Bob E. volunteered to assist.
3. Outreach and Program Building – No one on the line – meeting was held
4. Curriculum Development – Marco presented – Jared, Michael, Marco and Pamela Auburn met and Marco created a PPT for the report out. See MNTeSIG.net This team will come up with a method to provide point of contact. Discussion on Ruth Caranza's two films 1) "MEMS: Making Micromachines" and 2) Nano… One can get access through Kanopy. Matt has some copies he can provide with the SCME curriculum.
5. Industry Involvement Team – Topics from last meeting – Job Clearing house? Would this be best on LinkedIn or MNTeSIG? Bob and Mike were trying to do something for a Nano Alumni LinkedIn group. Horse power to keep it active wasn't quite there. Matt: What does industry currently use? We can push this info to the educators/students as to where to go – provide links on our representative sites. Idea – short YouTube video as to where and how to look. Pamela: industry is now using AI filters, so we could provide info how to leverage these systems (keywords, etc). Todd – many transition to LinkedIn, Zip recruiter. Todd would like to make it a

national, perhaps initially a listing as to who hires micro/nano. Electronics Industry folks, for example, they are asking where can they recruit from? MEMS industry group used to do this now its part of SEMI, the older groups have evaporated (there is a gap we could fill). Bob – MNTeSIG could also push to industry where to go – who is training at what level. A survey as to what is out there. Matt – industry map is available the links map of companies with links so they can use that to look for jobs by region as well. Ray – Nano.gov has an education resource page – sub page that lists schools – but this is not updated (stagnant) – so… here is another service MNTeSIG could fill, keep such a listing up to date. Links die, programs close, new ones come up, many change their names… Todd: NNI deputy director, Stacey Standridge (see: https://www.linkedin.com/in/stacey-standridge/ and https://www.nano.gov/node/2080 She is will to talk at the MANCEF COMS conference. MANCEF COMS Conference – at Shady Grove (end of the red line) – MNTeSIG folks should go. See: https://www.mancef.org/coms2020/ Matt offered to push info/link to COMS to SCME's 2k folks on the list. Pamela – travel money for educators sparse. Bob can put a blurb in the NanoWire. MANCEF is putting together a press release.

⇒ Abe – requested more info on supplemental.

⇒ Pre-Con announcement – reviewed by the exec team, updated and presented at meeting. Schedule can be changed.

⇒ Reviewed MNTeSIG.net website.

⇒ HI TEC Exec Team – Deadline, also <u>SUBMIT YOUR MAIN CONFERENCE (HI TEC) SESSIONS BY FEB 5TH</u>!!! MNTeSIG meeting will be the Monday of HI TEC Week. Matt will fly out on Sunday (or maybe Saturday)
⇒ MNT related presentations may get additional stipends to assist…
   o Consider joint presentations.
   o Consider award nominations.

⇒ MNTeSIG meeting –
   o do we want keynotes?
   o Or someone from industry do a "State of the Industry" …
   o MNTeSIG keynotes should be identified soon. (Todd, we're sure can suggest some folks as well.)

⇒ All go over the action items from previous minutes

⇒ Next Meeting: Feb 3rd, same time and link.

Actions from this meeting
1. Matt will get Marco's presentation slides and post on the MNTeSIG site or a shareable link. <u>Done</u> – slides are a slide show, 1/10/20 curriculum team minutes posted. See new

MNTeSIG Curriculum Subteam Page: https://www.mntesig.net/curriculum-team.html Let Matt know what you think.

2. Matt will provide Marco Silicon Run Film info and supplemental curriculum on the MEMS and Nano films – Done 1/21
3. Jared will add Jim Marti to one drive to share info – Status?
4. Next meeting – set aside time to Brainstorm how we can grow. Matt
5. Growing MNT team will develop a framework and share with the MNTeSIG group (let Matt know when you will be ready for that).
6. Everyone put the MNTeSIG link in your signature line (suggestion).
7. Matt will send copies of the supplemental for conference support to Abe M. Done
8. Matt will submit Pre-Con (SIG) meeting proposal for HI TEC - Done
9. All – review the MNTeSIG HI TEC agenda and provide feedback at next meeting.
10. All – look at Terryll's report online and reflect on improvement opportunities. How can we improve the face to face meetings? Making it more value added for all. See: https://www.mntesig.net/uploads/1/2/2/3/122354635/mntesig_summary_report_2019_final.pdf
11. All – Review the website – provide feedback: www.mntesig.net
12. Subteams – Provide input, materials for the website to Matt.
13. ALL – Consider some keynotes