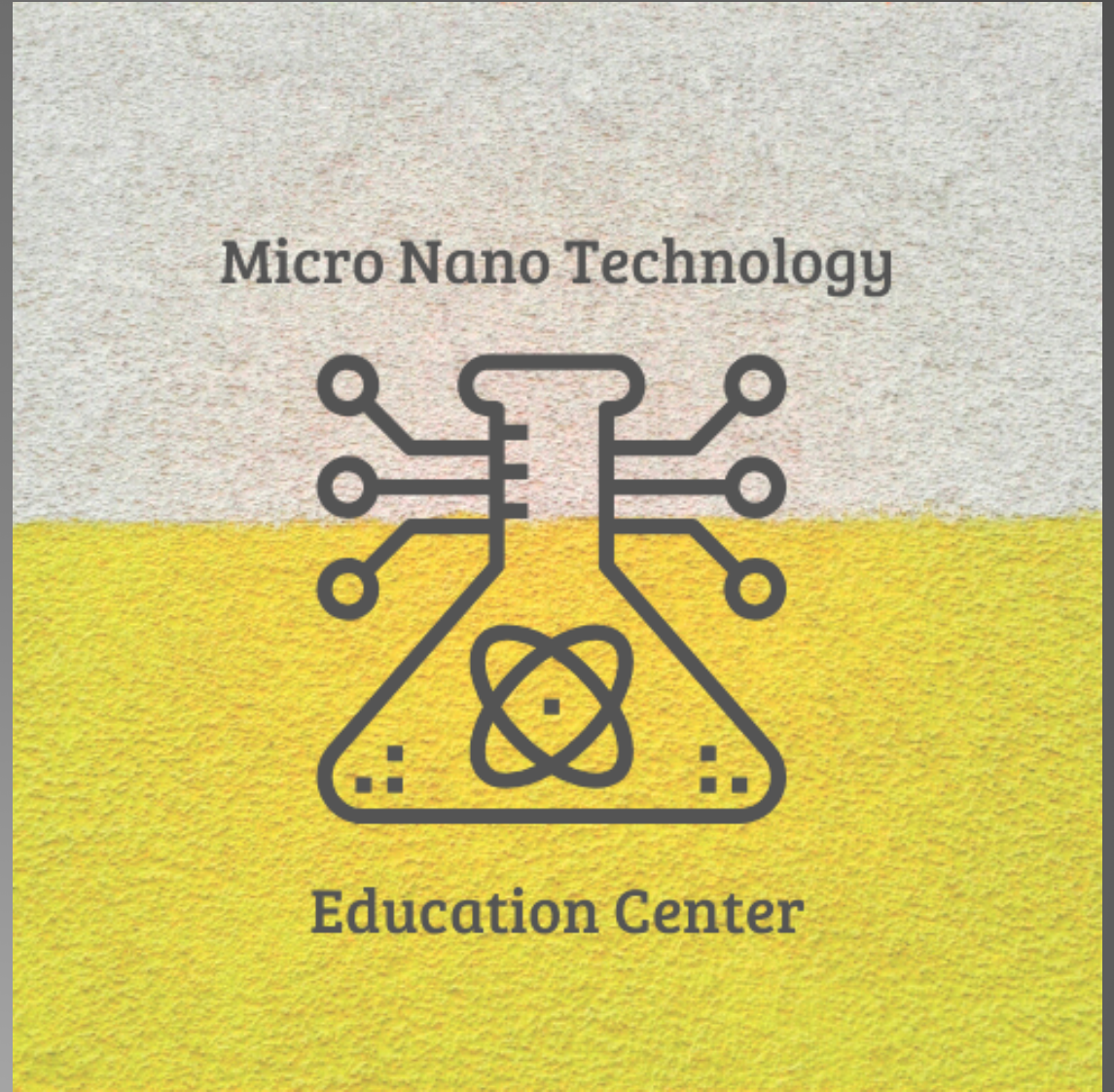
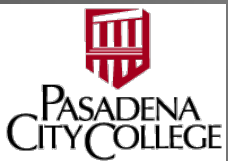


We are the Micro Nano Technology Education Center

Resistance is Futile

You will be assimilated



Micro Nano Technology



Education Center



GOOD MORNING!



Jared Ashcroft

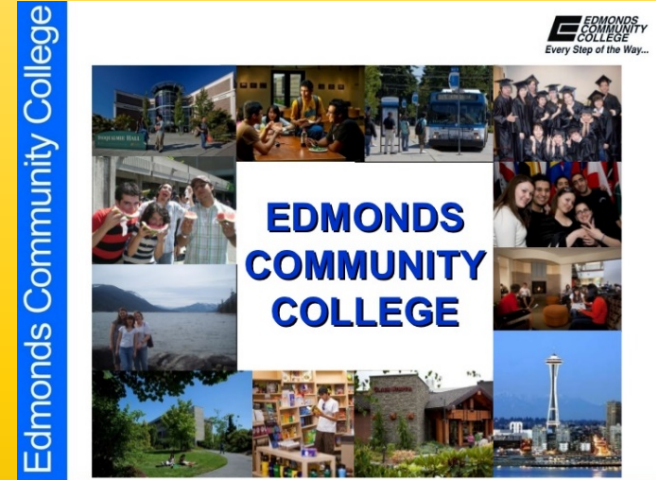
jmashcroft@pasadena.edu

Billie Copley
copleybillie@gmail.com



Peter Kazarinoff

peter.kazarinoff@pcc.edu



Peter Kazarinoff

Jared Ashcroft

Greg Kepner

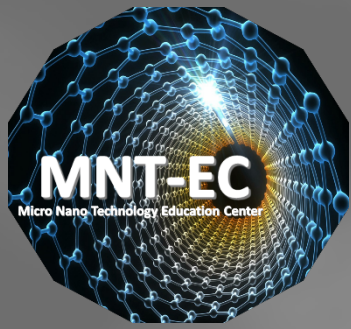


Mel Cossette

Neda Habibi

Community College Leadership





MNT-EC Goals and Objectives

Grow the MNT technician workforce by fostering academic and industry mentorship between existing MNT partners and educators developing prospective community college MNT programs.

- Develop a **coordinated national approach** to advance MNT education.
- Deliver **professional development** to enhance knowledge, skills and abilities.
- Conduct strategic **outreach, recruitment, and retention** of traditional and underrepresented faculty/students.
- Create a deep **industry/education alliance** that supports student success

Develop a coordinated national approach to advance MNT education.



Seattle's Hub for Industry-driven Nanotechnology Education



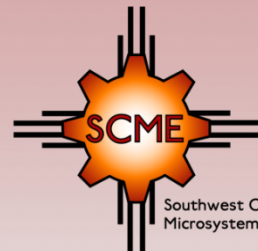
Nano-Link



SCME

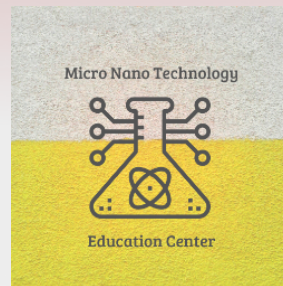


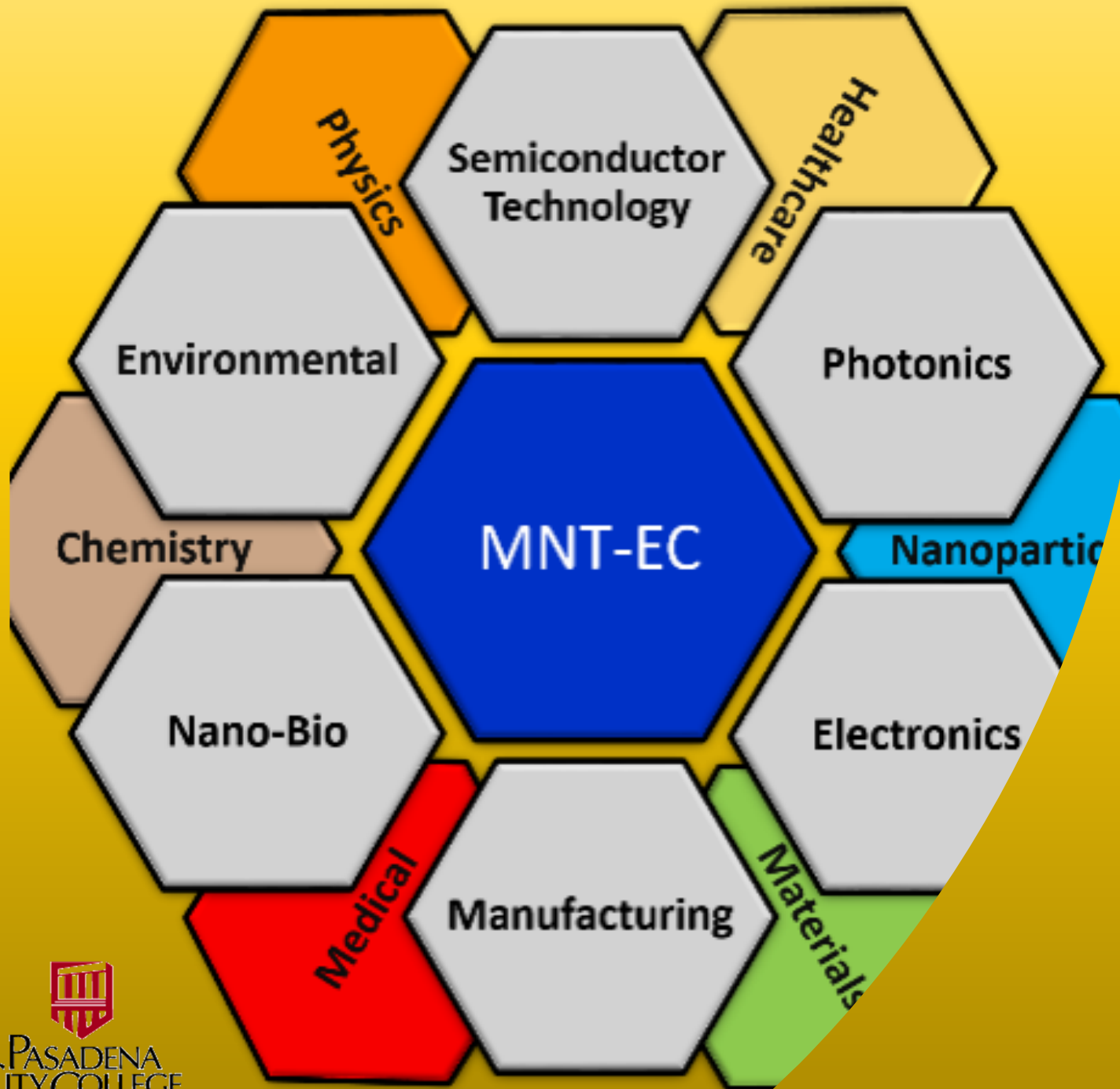
nano @ stanford



OMNI NANO

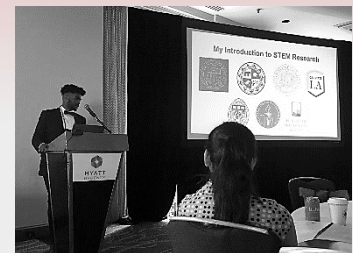
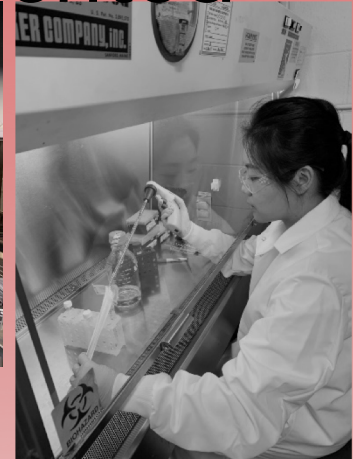
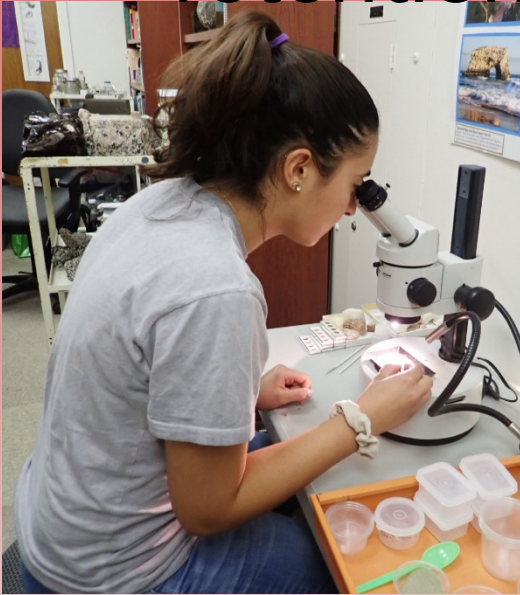
Inspiring the Scientists and Engineers of Tomorrow



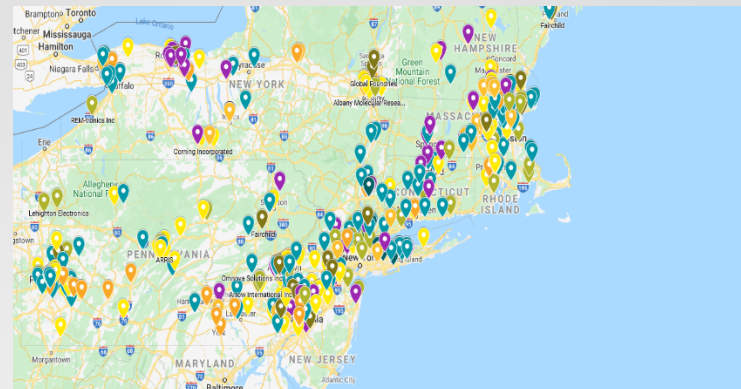
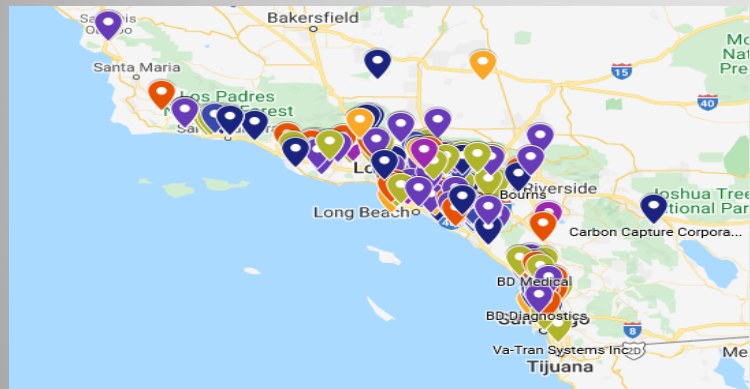
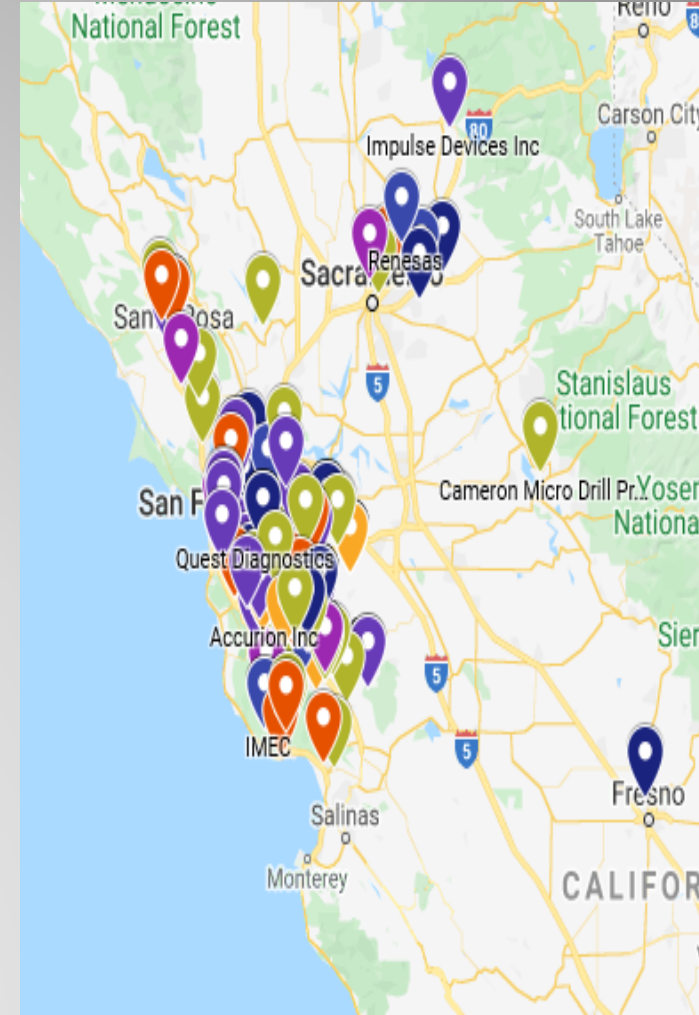
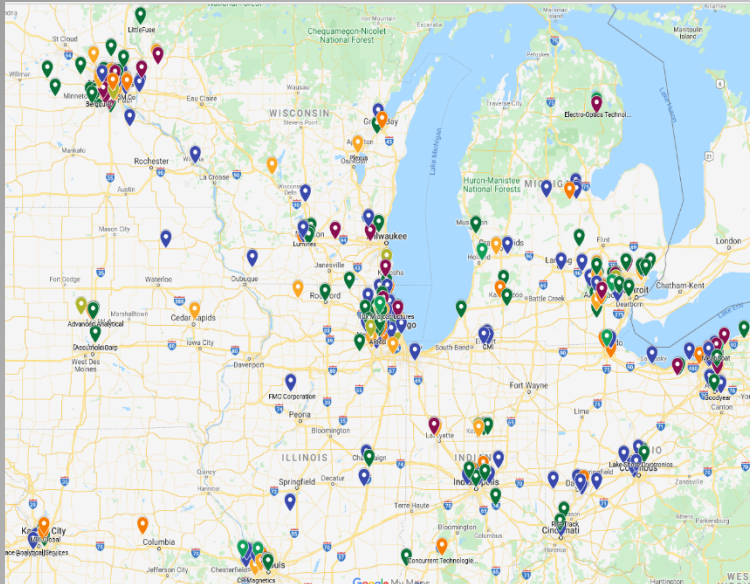


Deliver
professional
development to
enhance
knowledge, skills,
and abilities.

Conduct strategic outreach, recruitment and retention of traditional and underrepresented faculty/students.



Create a deep Industry/Education Alliance that supports student success



How can you help?



Share your curriculum with us.

If you have a program currently or had one in the recent past – please share your curriculum.

It will go into a database that we use to help other institutions with their programs.

How can you help?



Share your ideas with us.

We are always looking for creative ideas to recruit students and faculty.

How can you help?



Join a sub team

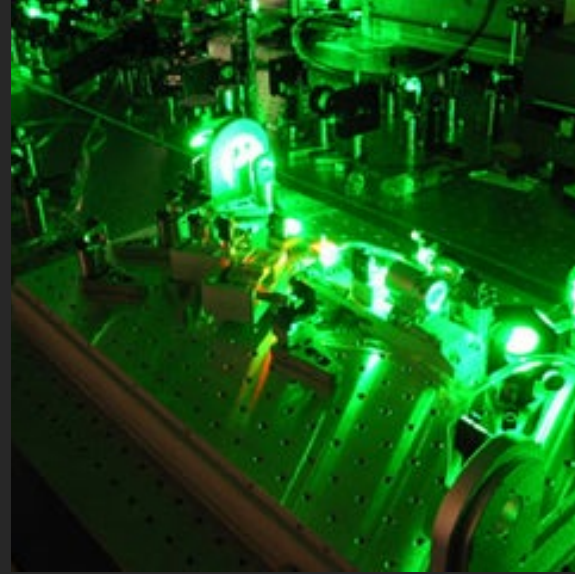
MNTeSIG currently has 5 sub teams and we are looking for more members to join in our efforts.

- Industry
- Outreach and recruitment
- Program building
- Mentoring
- Curriculum development

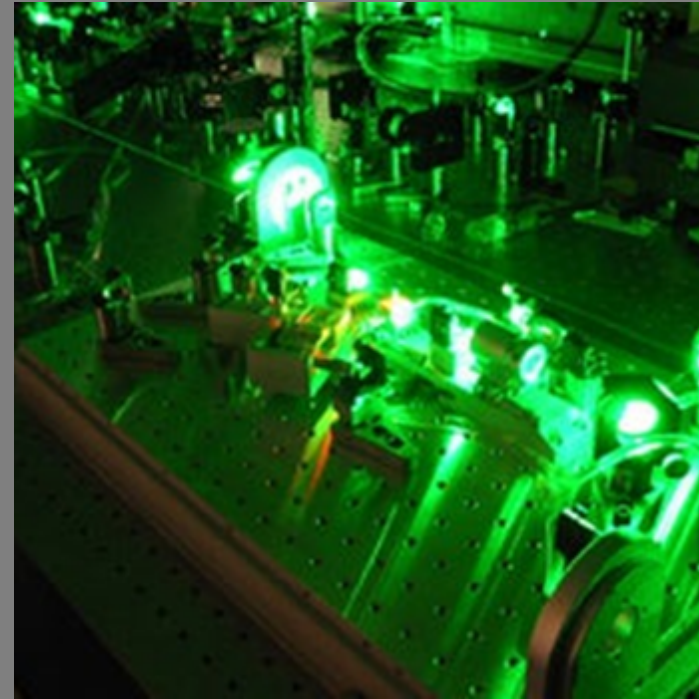
Upcoming Events



MNT-EC Summer Seminar Series



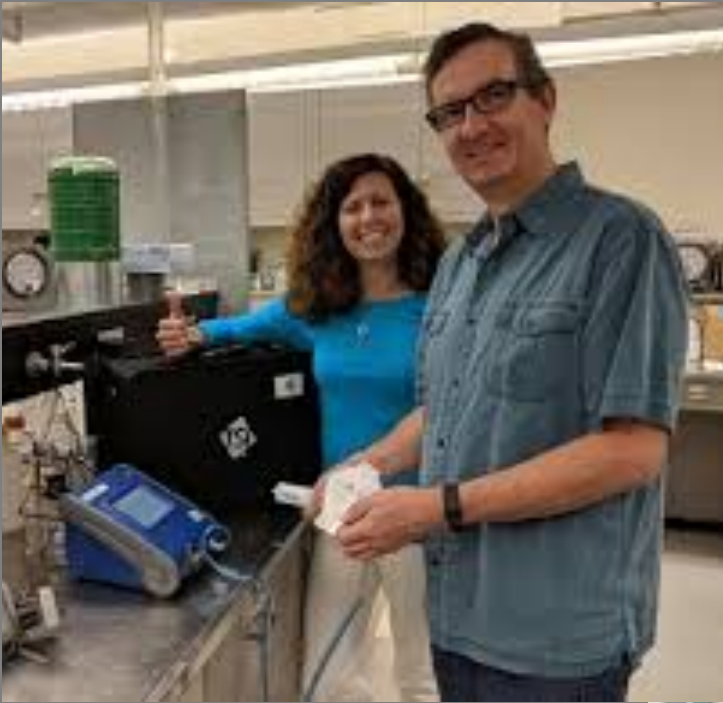
August 5 – Greg Kepner – Fundamentals of Photonics & Laser Material Processing hands on workshops



August 12 – Tanya Faltens - nanoHUB resources for MNT
Educators and Students



August 19 – Pete Raynor & Jim Marti – Nano health and safety



August 26 – Mel Cossette & Greg Kepner – Mentor-Connect and ATE Funding Opportunities



able acpa advice better career changed connected
 development different emerging enjoy
 experience field formal friend gain graduate
 grow helped ideas informal institution leader leadership life
 meetings mentee mentor nacada network
 opportunity organization participated person positive
 professional program provided
 questions relationship rewarding roles someone student
 supportive talk think topics work years



September 2 – Kendrick Davis – *State of STEM education*



September 9 – Bob Ehrman & Ozgar Cakmak – Discuss workshops and outreach events for the summer of 2021 to include RAIN, NPDP and others.



September 16 – Paul Weber – Virtual Reality in the classroom



September 23 – Neda Habibi –Nanotechnology workshop for high school students and high school educators



**Northwest Vista College
Advanced Materials Technology**

**High School
Summer
Workshop**

**June 10 - 13, 2019
8:30 a.m. - 2 p.m.**

*FREE for
High School Students!*



September 30 – Brandon Rodriguez – NASA’s Science and Education outreach efforts



October 7 – Matt Pleil – SCME and UGR program





October 14 – Peter Kazarinoff –

upcoming peer-reviewed journal sponsored by the MNT-EC and the upcoming podcast from the MNT-EC detailing stories from working technicians.



October 28 – Kate Alcott

*Active Duty service members
Working with Transition Assistance
Programs on base to find civilian
careers.*

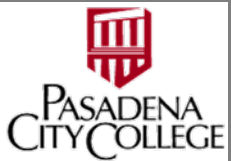


November 4 – Nancy L. and Rick V. – Distance Education



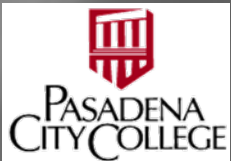
Register in advance for the seminar series:

<https://cccconfer.zoom.us/meeting/register/tJwudOutpzotEtHteNSGIhIXYCQCMh9cU-Iv>



MNT Journal and Podcast

Peter Kazarinoff





The Talking Technicians Podcast

Interviews with working technicians:

- Who they are
- What they do
- How they got here

Industry Minutes:

- Industry news and events for technicians and educators

Journal of Micro Nano Technician Education (JMNT Ed)



A peer-reviewed journal for community college and university faculty

Opportunity for community college faculty to publish in a national professional journal

Authorship advances professional development

Authorship cited in grant proposals

Opportunity for university education researchers and community college faculty to collaborate

Both education and curriculum papers accepted



THANK YOU!

