



## Welcome from our President

Hello SESA Community,

In the summer of 2012, I graduated from Arizona State University, left home, and began my professional career as an environmental engineer at Intel Corporation. While I met plenty of engineers nearby, very few were struggling with the same sorts of complex blends of Environmental, Health, and Safety (EHS), chemical and technological problems as me in the semiconductor industry.

In 2014, I attended the National Semiconductor Environmental Health and Safety Association (SESHA) Conference and I was pleasantly surprised. In areas where I had previously had limited contacts, I suddenly had a support system. In topics that I was weak, I could take courses to improve. In a world of rapidly changing chemicals and processes, I was enabled to meet the ever-increasing demands. And so were others! There were more people like me, more people that had questions and needed support. And... for a few of them... they even lived and worked nearby!

And so began the idea, while attending that first SESA conference, of resurrecting the Pacific Northwest (PNW) Chapter. The Chapter was a memory in the minds of so many senior leaders and attendees, as it was dissolved many years before. So, with support from the Board and incoming President, John Visty, we held our first phone meeting in August!

We have done a lot already this year! From coordination with the National organization to start our Chapter, to planning our first in-person meeting in November, we are beginning to make a difference in our local Semiconductor EHS community.

However, there are so many more opportunities: face-to-face meetings, and hopefully, a mini-conference in February! We hope it will become a place where Semiconductor EHS professionals can come together, share best practices, and learn.

We are very happy to have you as part of our community and we invite you to attend the events we are organizing, starting with our first meeting (details in the calendar).

We now have a link on the SESA website! Feel free to check it out:  
[www.seshaonline.org/regions/pnw/index](http://www.seshaonline.org/regions/pnw/index)

As we have started the PNW section again, I would like to take a moment to profoundly thank each of the individuals who have helped to reinvigorate and breathe hope and spirit into the new team. Many thanks to Monica Wright, Rachael Cavanagh, Vanessa Lanas Medina and Jennifer Politsch for their inspiration & dedication to this new chapter.

I look forward to meeting each one of you at the Kickoff meeting, and to hearing your ideas and brainstorming about what SESA can become in the Pacific Northwest! Feel free to call or email me in the meantime if you would like to get more involved or share any ideas.

Sincerely,

*Joy Marsalla*

SESHA Pacific Northwest Chapter President  
Desk: 971-214-4365  
Cell: 520-444-2945  
[Joy.I.marsalla@intel.com](mailto:Joy.I.marsalla@intel.com)

### WHAT IS SESA?

SESHA was founded in 1978, and has grown over the years in their mission to act as an international organization serving the semiconductor EHS community. Its mission is:

“SESHA is the premier Environmental, Safety

& Health association serving the high technology and associated industries. We provide value to our members through education and professional development.”

[www.seshaonline.org/about/mission](http://www.seshaonline.org/about/mission)

### CALENDAR OF EVENTS

#### 1. SESA PNW Kickoff & Welcome Meeting

When: Wednesday, November 9, 2016  
6:00pm-8:00pm

Where: Rock Bottom Brewery,  
Downtown Portland

Cost: Free!

#### 2. SESA 39th Annual International High Technology ESH Symposium and Exhibition

When: April 17-21, 2017

Where: Embassy Suites by Hilton  
Scottsdale Resort  
Scottsdale, Arizona

<http://www.seshaonline.org/meetings/2017/index.php>

Call for abstracts: December 2, 2016

<http://www.seshaonline.org/meetings/2017/abstracts/>

#### 3. Submit SESA-related hot topics or career development articles for inclusion in a future monthly newsletter

When: November 15, 2016 for  
November Newsletter

Where: Submit articles to SESA PNW  
Communications Directors

### CONTACT US:

Email:  
[sesha.pnw@gmail.com](mailto:sesha.pnw@gmail.com)

Website:  
[www.seshaonline.org/regions/pnw/index](http://www.seshaonline.org/regions/pnw/index)

## BECOMING A SESHA MEMBER

Membership with the National SESH organization is EASY and comes with many great benefits, and even more surprising: it's FREE!

<http://seshaonline.org/membership/joinsesha>

As a member of our network, you will:

- Receive updates on the latest news and events
- Learn about educational opportunities on EHS and sustainability issues at our annual Symposium, Local Chapter events and SESH webinars
- Gain access to symposium and mini-conferences proceedings, SESH Journal Archives, and other professional tools
- Network with other EHS professionals in the high technology and associated industries

## ACTIVITIES AND INVOLVEMENT

At the local chapter-level, SESH events can be as small or large as the planning team desires. For 2016/2017, the goals of the Pacific Northwest Chapter are:

- Establish bi-weekly meeting for Leadership Team
- First release of monthly newsletter: October
- Kickoff In-Person Meeting: Early November
- Possible 1-Day Mini-Conference: February/March
- National SESH Conference: April 2017

Our leadership team believes that newsletters will enable the community to keep in touch during the off-months, with regular in-person meetings allowing for networking and remaining relevant in the industry while providing valuable continuing education for the local EHS Semiconductor community.

## SESHA TRAINING

SESHA has partnered with UL EHS Sustainability to develop a collection of 18 modules specific to the semiconductor and high-tech industries. This suite of online, on-demand courses, incorporating content from SESH "boot camp" courses, provides a comprehensive safety training foundation for all employees who work in a semiconductor fabrication setting.

- General EHS, Ergonomics and Semiconductor Safety (4 modules)
- Fabrication Worker Safety (2 Modules)
- Chemical Safety including Toxic Gases (5 modules)
- Hazardous Energy and Electrical Safety (7 modules)

<http://seshaonline.org/training/>

## MEET OUR SESH PNW LEADERSHIP TEAM

**PRESIDENT: Joy Marsalla, PE, LEED GA, MSE**

[joy.l.marsalla@intel.com](mailto:joy.l.marsalla@intel.com)

Joy has spent five years in the semiconductor industry in EHS and owns the future air projections and modeling for Intel's Technology Development EHS team. She has previous experience owning research and development

chemical review at the Ronler Acres facility, high volume chemical review for Fab chemicals across the world, as well as wastewater and waste modeling and projections. Her focus is on chemical regulations, chemical classification, air permitting and air modeling. Joy has a Master's of Science in Engineering, Environmental Engineering from Arizona State University and BSE, Civil & Environmental Engineering with a minor in Sustainability.

**VICE PRESIDENT: Monica Wright, PhD**

[monica.wright@ch2m.com](mailto:monica.wright@ch2m.com)

Monica is an Air Quality Scientist with CH2M in Portland, OR. Dr. Wright has extensive experience helping clients meet their unique environmental and air quality goals. Her work has included air dispersion modeling, odor modeling, analysis of air and odor control options, facility planning, support for New Source Review and Title V permitting and compliance projects, scientific field studies and regulatory compliance analysis. In addition to air quality work, Dr. Wright performs data management and analysis support to air, noise, odor, and other environmental projects. Monica received her bachelor's degree in Chemistry from Wheaton College in MA and her doctorate in Environmental Sciences and Resources: Chemistry from Portland State University in OR.

**TREASURER: Rachael Cavanagh**

[rachael.j.cavanagh@intel.com](mailto:rachael.j.cavanagh@intel.com)

Rachael is an environmental engineer working for Intel Corporation in the Technology Development EHS group. She is originally from Florida but considers herself a Northwesterner after over five years in the Portland area. Her primary focus is in the environmental compliance field, specifically with hazardous waste (RCRA) regulations. She also has experience with greenhouse gas reporting and TSCA reporting/compliance.

**COMMUNICATIONS DIRECTOR: Vanessa Lanas Medina**

[vanessa.a.lanas.medina@intel.com](mailto:vanessa.a.lanas.medina@intel.com)

Vanessa is an environmental engineer at Intel Corporation. Her current focus is wastewater and stormwater regulatory compliance at the Oregon campuses. She holds a Master of Science in Environmental Engineering from Penn State University. She has over seven years of professional experience in diverse environmental areas such as climate change, environmental remediation, environmental conflict management, and protected areas.

**COMMUNICATIONS CO-DIRECTOR: Jennifer Politsch**

[jennifer.politsch@intel.com](mailto:jennifer.politsch@intel.com)

Jennifer is a Technology Development environmental engineer at Intel Corporation. Her current focus is greenhouse gases related to semiconductor manufacturing and strategic planning for water and wastewater at our global manufacturing sites. She has a M.S. in Chemical Engineering from UCSB and B.S from Michigan Tech University.

If you would like to get more involved in the section by attending our planning meetings, or if you have any ideas for future mini-conferences or events, please feel free to reach out at [joy.l.marsalla@intel.com](mailto:joy.l.marsalla@intel.com) or to call me at 520-444-