52nd NAWI Annual Conference - 2017
Honolulu, Oahu, Hawaii

Thank you for helping to make helpful and memorable our 2017 conference in Honolulu, Hawaii. Mahalo! For information about our 53rd Annual NAWI Conference in 2018, click HOME on the top menu and scroll down.

**We had an exciting conference! NAWI partnered with PCATT for four days of conference sessions at Honolulu Community College.** The 52nd Annual NAWI Conference began on Tuesday, May 23, and included a special NSF Community College Day on Wednesday, May 24, in concert with the University of Hawaii. Thursday, May 25, kicked off the 15th Annual PCATT IT Symposium which ran through Friday, May 26. Attendees of NAWI could also attend the Pacific Center for Advanced Technology Training (PCATT) IT Symposium at no additional cost. Both associations offered you an opportunity to present and participate in workshops, keynote sessions, and tour interesting venues on the island.

[Oahu island map](#)

**Conference Highlights:**

To see the 2017 NAWI Conference program, click this: [NAWI 2017 Conference program](#).

**Tuesday May 23** will be a full day of speakers and interactive sessions followed by the NAWI President’s Reception in the evening.

**Sessions will be held at Honolulu Community College**, located at 874 Dillingham Blvd., Honolulu, HI 96817. Please go to Building 2, second floor, room 214 (Look for Building 2 on the campus map via the link below. Building 2 is somewhat in the middle, surrounded by buildings that are numbered 4, 7, 10 and 11.) If you requested a college parking pass before May 10th, it was emailed to you on or before May 12. You should print your parking pass before your arrival on campus. [Honolulu Community College Campus Map](#)
09:00 Conference check-in and morning snacks, Room 214, Building 2 (see above for address).
09:25 Welcoming address
09:35 Tuesday Keynote
10:00 Morning sessions begin
12:00 Lunch
12:40 Afternoon sessions begin
02:50 Break
03:05 Afternoon sessions continue
05:00 Last session ends
06:00 At the conference hotel: President’s reception and business meeting.

**Wednesday, May 24** will be National Science Foundation (NSF) Community College Day, including a keynote panel and an NSF grant workshop. NSF Community College Day is free to registered NAWI and PCATT Symposium attendees. Seating is limited so be sure to register to reserve your seat! Please plan to attend the NSF luncheon were leaders of Advanced Technological Education and other NSF programs will discuss programs, grants, and ways that you can become more involved with exciting National Science Foundation funded programs, centers, and projects.

08:30 Conference check-in for those arriving on Wednesday and morning snacks, Room 214, Building 2.
09:00 Welcoming address
09:15 National Science Foundation (NSF) Community College Day begins with Keynote
09:45 Break
10:00 Funding Opportunities session
11:45 Guest: Dr. Erika Lacro of Honolulu Community College
12:00 Lunch with the NSF Principal Investigator (P.I.) Panel
01:30 Break
01:40 Mock Panel Reviews
03:00 Discussion and closing remarks

**Thursday May 25**: PCATT begins on Thursday morning, followed by workshops the rest of Thursday until 3 pm. The day begins with registration at 8:30 and sessions at 9:30 am. For more information about PCATT and to register, go to [https://pcatt.org/ITSymposium](https://pcatt.org/ITSymposium). Those who registered for the full NAWI Conference and for the Polynesian Cultural Center tour will depart at 11, details at NAWI conference check-in.

NAWI is partnering with the Pacific Center for Advanced Technology Training (PCATT) to offer their members the opportunity to attend NAWI workshops and sessions while NAWI members have access to PCATT workshops and meetings. Given the nature of NAWI’s conference theme and timing, we look forward to collaborating with PCATT this year.
**Friday, May 26:** PCATT hosts a full day of speakers and workshops until 3 pm. The day begins with registration at 8:30 and sessions at 9:30 am.

**This year's conference theme is "Next Gen CTE: Wave of the Future."
Conference sessions and other information will be posted soon, so please return for updated information.**

For hotel accommodation information, as well as information about submitting conference speaking proposals, exhibitor and sponsor information, registering for the 2017 conference, and the fascinating island of Oahu, scroll down this page or use the jump links to your right.

Hawaii Prince Hotel Waikiki
Register online for your room at our conference hotel (views pictured to the right and at the top of this page):

[**Hawaii Prince Hotel Waikiki**](#)

Our conference's lodging room rate of $229 plus taxes (14%) and daily resort charge ($31.41) for a single or double room is planned to be good three days before and three nights after the conference dates of May 23-25, 2017, on a space available basis at the time of booking. The rate may not be available after April. The hotel's reservation number is 1.800.321.6248. Use discount promo code NAWI.

Please note that there a maximum occupancy of three (3) adults or two (2) adults and two (2) children in a room. There is a $75 charge for a third adult in a room. There is no charge for children 17 and under in the same room as the paying adult(s) with the standard bedding in the room. One complimentary parking space is provided per room. Check in time is 3:00 pm and check out time is noon. Discounted golf rounds and shared carts are available for registered guests at the Hawaii Prince Golf Club. For detailed hotel rate information and what is included, please visit: [**Hawaii Prince Hotel Waikiki rate details**](#)
“Next Gen CTE: Wave of the Future“

You are invited to participate in this year’s 52nd National Association for Workforce Improvement conference in Honolulu, Hawaii, May 23-25. This year NAWI members will be taking a serious look at CTE of the future.

This year’s conference "Next Gen CTE - Wave of the Future" will focus on disciplines that are seeing an influx of emerging technologies such as biotechnology, cybersecurity, artificial intelligence, and the Internet of Things. We are seeking to identify a variety of approaches that support the conference theme to help teachers, workforce developers, counselors, administrators, and business partners meet the challenges of incorporating these rapidly changing technologies into all aspects of the workforce development from curriculum to collaborations.

Do you have ideas how Career and Technical Education can better support workers, innovators, creators, entrepreneurs, and producers? What lies ahead for CTE delivery? How does CTE align with the new Maker Movement? To what extent does CTE support the workforce as well as the innovationforce and entrepreneurs? We would love to hear from you!

This year’s conference in Honolulu brings together practitioners who will share their experience and expertise to help you grow a renewed culture of innovation in your region. Conference attendees include staff from secondary schools, community colleges, and technical institutes, as well as government leaders in workforce development and representatives of business, industry, and labor.

We will have an interactive session on the future of CTE to include engaging discussion on topics such as: What will CTE look like? How do we shape CTE to serve the needs of Millennials and beyond? What are ways to integrate career clusters so that for example, how does engineering coincide with art and entrepreneurship? Skills are important however how do we create MacGyvers of the world?

Modern CTE/"Innovationforce" Presentation Focus Areas:

**Youth Customer**
- What motivates the millennial generation?
- What will be the livelihood of millennials?
- What does it mean to be "pigeon holed" in education?
- How do we apply empathy in addressing student needs and desires?

**Economic Reality**
- What are the broad economic trends and what does the emerging economy look like?
- What role does innovation and entrepreneurship play in future economics?
- How is sustainability and carbon reduction helping to grow the economy?
• What is a Maker City and how is it fueling the undercurrent of economic development?

**Ways that CTE Professionals can Respond**
• How can Design Thinking be applied to CTE?
• What role can making and innovation play in CTE?
• Solutions in every pathway...examples of student developed projects.
• In what ways can CTE evolve to support the economy of the future?

**Key Perennial CTE Focus Areas:**
• Implementing differentiated teaching methods that work;
• How can we integrate skills and experiences across Career Clusters?
• Creating and maintaining business/industry/education partnerships and internships as a part of a meaningful and applied education experience for students;
• Project and problem based learning approaches;
• Economic development: ways CTE contributes;
• Ways industry can share their talents, resources, expertise, and real world projects.

**In addition, these areas will be discussed, debated, and decided:**
• What is the new economy? Is CTE ready for the Third Industrial Revolution?
• What are the limits of Certs and Certifications: What are emerging market needs?
• MacGyverism: How do you develop MacGyvers in the classroom? How do you measure it?
• Work based learning that improves engagement, access and speed. What is changing?
• Peer Recognition: the ultimate motivator. How do badges help?
• Knowing the millennial customer. What do students want?
• Makerspace Mania: What are your creative spaces?
• Workforce and Innovationforce: What are the points of intersection and differences?
• Inter-program Projects: Why should CTE adopt inter-program projects?
• Engineering, art, entrepreneurship: Why are these important together?
• The Art of Exhibition: Why is exhibiting one of the most important things you can do?
• Short courses: it there a renewed need and interest?
• What is lies beyond Career Clusters?
• Should Making be in all CTE programs?
Message from President Eric Flynn

Welcome to the 52nd annual NAWI Conference! This is an exciting year - Not only did we choose beautiful Hawaii as our conference location (Honolulu Community College on the island of Oahu); we are also partnering with the PCATT symposium on Information Technology to allow NAWI attendees the chance to stay a few extra days and attend.

We also are hosting our first ever "NSF Community College Day" in which leaders of NSF programs in education and workforce will disseminate best practices when developing successful grants. Welcome to Hawaii!

Aloha!

Eric
President, National Association for Workforce Improvement (NAWI)

Our Keynote Speakers

V. Celeste Carter, Ph.D., Program Director, Division of Undergraduate Education (DUE), National Science Foundation (NSF). Speaking on Wednesday, May 24.

Dr. Celeste Carter

V. Celeste Carter received her Ph.D. in Microbiology from the Pennsylvania State University School of Medicine. She completed postdoctoral studies at the University of California at Berkeley. She joined the Division of Biological and Health Sciences at Foothill College in 1994 to develop and head a Biotechnology Program. She was the recipient of an NSF DUE award, which produced a set of case studies and associated laboratories with biotechnology industry partners. From 2001-2003 and 2007-2008, she served as a Program Director in the Division of Undergraduate Education (DUE) at the National Science Foundation (NSF).

She returned to Foothill College following each of these rotations to resume her position as Director for both the Biotechnology and Bioinformatics Programs. Dr. Carter accepted a permanent program director position in DUE in 2009; she is the Lead Program Director for the Advanced Technological Education (ATE) Program in DUE. Dr. Carter also works on other programs in DUE and serves on several federal interagency working groups.
Dr. Carter will give the National Science Foundation (NSF) Community College Day keynote presentation on Wednesday, May 24.

**David Nickolich, Ed.D., President, Sensei Alliance Educators. Speaking on Tuesday, May 23.**

**Dr. David Nickolich**
David Nickolich, SPHR, SHRM-SCP, MBA received his Ed.D. in Adult, Higher, and Community Education from Indiana's Ball State University, as well as five other degrees from Ball State University, Indiana University, and Purdue University. After completing a career at AT&T in information systems, human resources, and workplace learning, Dr. Nickolich worked as an Engineering Technology Education high school teacher, and at several Indiana community and research colleges. He became a full-time professor in 2008 at Indiana University Purdue University at Indianapolis (IUPUI) in the School of Engineering and Technology. He has many IT, education, and project management skills and interests; but, his heart is in helping others to learn and by mentoring them.

Dr. Nickolich will give the conference opening keynote presentation on the importance of good learner-focused practices and emphasis areas of education. We need to best prepare K-12 through post-college learners for the innovation-centric and collaborative workplace.

**2017 NAWI Conference Tuesday session slideshows voluntarily provided by authors. Please credit authors and the conference when using their materials.**

Slideshows will be posted here after they have been voluntarily provided by session presenters. Wednesday NSF Community College Day materials will not be posted.

Slideshows may not be posted all at once, so check back to see if the one you want has been posted.

*Marilyn Barger - Engaging Industry Partners.pdf*

*David Clements - BioTech in Hawaii and the Workforce Requirements May 2017 v6.pdf*
How to submit a 2017 NAWI Conference speaking proposal

We are no longer accepting proposals. The referees have reviewed all proposals and have sent emails to all proposal submitters. If you have questions regarding your presentation proposal please contact jim_gibson@ivcc.edu.

This year's conference "Next Gen CTE - Wave of the Future" will focus on disciplines that are seeing an influx of emerging technologies such as biotechnology, cybersecurity, artificial intelligence, and the Internet of Things. We are seeking to identify a variety of approaches that support the conference theme to help teachers, workforce developers, counselors, administrators, and business partners meet the challenges of incorporating these rapidly changing technologies into all aspects of the workforce development from curriculum to collaborations.

Conference attendees include staff from secondary schools, community colleges, and technical institutes, as well as government leaders in workforce development and representatives of business, industry, and labor. Selected speakers are responsible for their expenses and for registering for our conference at the discounted presenter rate.

We invite you to participate in the conference and to submit your most innovative idea as a possible presentation. Session proposals that include supporting data/statistics will receive top consideration. The deadline for non-keynote speaking proposal consideration was the end of the day Pacific Time, March 31, 2017. No proposals are being accepted at this time.

If you have questions regarding your presentation proposal please contact jim_gibson@ivcc.edu. Presentations are made to approximately 20 attendees and...
are usually about 1 hour 15 minutes in length; but, because of Tuesday scheduling and a high number of proposals, this time may be cut to approximately 20-35 minutes in some situations. Topics include, with potential related areas:

- Biotechnology
- Cybersecurity
- Artificial Intelligence
- Internet of Things.

**An interesting optional group tour of the Polynesian Cultural Center will be held on Thursday, May 25, 2017.**

Please note that if you have not already registered for this optional tour, the tour availability, registration and discount is no longer available. Tour registrants will receive one (1) 50% off admission for the May 25th group tour if requested but note there is a 25 person tour maximum, and we will have complimentary bus transportation for the tour leaving nearby the conference hotel at noon. Please be available for the complimentary coach travel at 11:45 a.m. as the bus will depart from a hotel nearby the Hawaii Prince Hotel Waikiki conference hotel, final details will be provided at NAWI conference check in on Tuesday. Return time will be around 10:30-11:00 p.m. Tour registration ended on April 28. The Polynesian Cultural Center is about a 90 minute drive from the conference hotel as some roads are under construction programs.

The Polynesian Cultural Center will be a fascinating once in a lifetime experience!

**Fascinating Oahu, Hawaii!**

With history, entertainment, and attractions of all kinds, the Hawaiian island of Oahu is a wonderful place to be in May for our conference. NAWI conference attendees will have many interesting venues to visit in Honolulu after conference sessions are done each day! You may wish to consider visiting the Pearl Harbor area.

Please visit Oahu Tourism, the official Hawaiian tourism Web site for lots of good ideas for things to do after each conference session day.
NAWI 2017 National Conference Registration Information
(Registration closed on May 19th.)

Early Bird registration rates ended April 14, 2017. The Polynesian Cultural Center Tour registration has ended. The regular full conference registration rate is $295.00. *includes the May 23 & 24 breaks, lunch, President's Reception, a 50% discount on Polynesian Cultural Center tour for the first 25 full conference registrants (NOTE: this tour and discount is no longer available), NSF Grant workshops, speakers, workshops, and the PCATT conference on May 25 & 26.

The Exhibitor rate is $410.00**
**includes all benefits of Full Conference rate, plus: table and electrical power for the exhibitor’s booth.

Single Day Registration for Hawaii residents is $95.00***
***includes Tuesday, May 23 NAWI Conference attendance, breaks, and lunch.

Location: Conference sessions will take place at Honolulu Community College. Transportation will be provided between the hotel and conference sessions on Tuesday through Thursday.

The online conference registration system for our 52nd Annual Conference is now available. This system will allow you to register for the conference and pay via a credit card. Payments via checks and institutional purchase orders can also be accommodated.

Note that hotel sleeping room registrations are done separately from registering to attend the conference, although there is a link at the NAWI 2017 Annual Conference registration site to our conference hotel registration page.

Exhibitor and Sponsor Information

The Exhibitor Early Bird rate of $360.00 ended on April 14; the regular rate is now $410. This includes the May 23 & 24 breaks, lunch, President’s Reception, a 50% discount on Polynesian Cultural Center tour for the first 25 full conference registrants (This tour is no longer available), NSF Grant workshops, speakers, workshops, and the PCATT conference on May 25 & 26, plus: table and electrical power for the exhibitor’s booth.

Donations to NAWI are always appreciated. You may wish to consider sponsoring a day or event.
If you have questions regarding your presentation proposal please contact Doug Webster at gcfusa@yahoo.com

Additional Lodging Information

The Hawaii Prince Hotel Waikiki believes everyone deserves a view of the ocean. You can absorb breathtaking panoramas of the Pacific Ocean from all of their spacious, newly renovated guestrooms. Enjoy Hawaii’s mesmerizing sunsets, gentle trade winds and stunning turquoise horizon from their signature infinity pool deck. Take in dramatic floor-to-ceiling harbor vistas at their completely reimagined 100 Sails Restaurant & Bar. Gather and celebrate at their versatile oceanfront meeting venues and distinctive outdoor event space. From sunrise to sunset, the views are all yours to experience! If you are on some desktop/laptop computers rather than browsing on some mobile devices, you may see a great panoramic flyover by viewing their hotel Web site noted below.

Register online for your room at our conference hotel:

Hawaii Prince Hotel Waikiki

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