**NICE Working Group**

**Meeting Minutes**

**Date: February 24, 2016 Time: 3:30 PM EST**

**SharePoint:** [https://nistgov.sharepoint.com/sites/NICEProgram/NICEWG](https://nistgov.sharepoint.com/sites/NICEProgram/NICEWG/Pages/home.aspx)

1. **Roll Call and Ground Rules**
   * Danielle Santos, NICE Program Manager, introduced herself and welcomed members to the meeting.
2. **NICE Program Office Updates**
   * Rodney Petersen, NICE Program Director, provided the following updates on the NICE Program:

* In an effort to increase the visibility of NICE, there are many initiatives underway. We are launching an eNewsletter this spring and monthly webinars beginning in April to present topics such as the Jobs Heat Map. The Working Group (NICEWG) and Subgroups provide opportunities for information sharing. We intend to increase our engagements at events such as the upcoming RSA conference (Feb. 29 – Mar. 4). NICE will be presenting and will be represented at the NIST exhibit. Rodney encourages all members of the NICEWG to let them know if NICE should be represented somewhere. As a reminder, the NICE Program Office consists of the following:
  + Rodney Petersen, NICE Program Director
  + Bill Newhouse, NICE Deputy Director and Coordinator of Government Engagement
  + Danielle Santos, NICE Program Manager
  + Davina Pruitt-Mentle, NICE Coordinator of Academic Engagement
  + Celia Paulsen, NICE Coordinator of Industry Engagement

1. **Opening Remarks**
   * **Academic Co-Chair**
     + President Kathi Hiyane-Brown welcomed members to the meeting and introduced Janice Walker, the Dean for Workforce Education at Whatcom Community College. Janice shared some goals and initiatives regarding the C5 grant, awarded to Whatcom Community College in September 2015 for 3 years. The grant has two key goals. First, to double the number of CAE2Y in education by 2018. Second, to strengthen security elements in computer science programming and curriculum. Some outcomes are to increase the CAE2Y designated schools. This effort needs help with application reviewing due to the increase in volume. They are currently looking for mentors and gathering resources. Next steps are to attend CISO conference in March and continue the mentor process and gain support for the approach. For more information about the C5 initiative, please review the attached presentation slide deck and visit: <http://www.c5colleges.org/>
   * **Industry Co-Chair**
     + Andre thanked the members for their participation. He mentioned that the cybersecurity industry is needed to stop threats, but there is also a business component which requires the combination of technical and the social skills, as well as, a strong business acumen.
2. **Standing Items**
   * **Fun Facts** – creating a culture of evidence
     + Deborah Seehorn, Computer Science Teachers Association, spoke on the Computer Science for All topic. Congress should be awarding about $ 4 billon to states to support computer science education. The need for participation from non-profit and profit alike is great.

In addition, they are working to revise the K-12 computer science standards originally published in 2011. For further information about the Standards Revision Process visit the CSTA Standards Revision FAQ webpage at: <http://www.csteachers.org/?2016Standards>. To review the standards and provide feedback, visit the CSTA Standards Feedback webpage at <http://www.csteachers.org/?SubmitYourFeedback>

For more information about Computer Science for All, please review the attached presentation and visit: <https://www.whitehouse.gov/the-press-office/2016/01/30/fact-sheet-president-obama-announces-computer-science-all-initiative-0>

* + **Report Roundup** – learning from good ideas
    - Rodney Petersen talked about the Optimizing Talent Report. Before launching into the report, Rodney reminded the NICEWG that the topics under ‘Standing Items’ will recur and that the NICE team welcomes suggestions on subjects we need to pay attention to and bring to the forefront.
    - The Optimizing Talent Report is important; it comes out of Aspen institute and hopes to assist low and moderate income young adults. The report talks about workforce strategies that help build skills and provide for sustainable employment. Through the DOC and other partnerships, this study looked at sectoral strategies as an initiative to provide workforce development. This is relevant to NICE. Unemployment is a staggering 35.5 % for those with a High School diploma. The young age population is of a concern. NICE aims to stress recognition for those under and unemployed. This report provides a guiding vision, economic inclusion and includes sectoral-based initiatives. I encourage all to view the Aspen Institute Site. In addition, keep on the lookout for cybersecurity reports and partnering to associations, etc. You can view the report using the below link.

<https://philanthropynewyork.org/sites/default/files/resources/Optimizing_Talent201602.pdf>

* + **Event Engagement** – highlights from recent events and upcoming events

Dan Manson, Cal Poly Pomona, provided a report on some upcoming cybersecurity competitions. Dan spoke about CyberPatriot sponsored by the Air Force. CyberPatriot started in 2009 with 8 teams. This year over 3000 teams have registered which is an increase of 55% from last year. The Collegiate cyber defense competition is heading into March madness. The Black T Shirt Cyber Forensics Challenge promotes interest in digital forensics. Mike Robinson, from Stevenson University, shows states have 858 registered participants. Please view the schedules, spread the word, encourage attendance and find out more by visiting: [cyberfed.org](http://cyberfed.org)

* + **Strategy Stories** – new developments that align to NICE Strategy
    - Lynne Clark, National Security Agency, spoke on the topic of the National Centers of Academic Excellence in Cybersecurity. The focus is Objective 2.1: Improve education programs, co-curricular experiences, and training and certifications.
    - Capital National Action Plan (CNAP). One initiative is working to increase the capacity of schools in the program. Challenge – there are not enough teachers to go around. We need interest in initiatives to make more teachers available. We’re looking at ways to cultivate cooperation in the CAE community and CAE aspiring schools to see if we can get a similar program going. Takes a lot of faculty time to see if a school meets criteria. Ideally we match with schools who’ve run the gauntlet. You can view the report using the below link. [https://www.nsa.gov/academia/ncae-cd/index.shtml](https://www.nsa.gov/academia/ncae-cd)
  + **Metric Moment** – what gets measured gets done
    - Priscilla Harvey and Laura Hatzes, NICE Associates, talked about Measuring the Success of NICE Outreach. Metrics and objectives are under development to map the outreach initiatives to the strategic goals. The anticipated outcome is that the goals can be validated and in the end, recommendations can be created. There are several resources for data gathering and measurable targets to achieve such as the following:
    - NICEWG and subgroups – attendance, expectations, perspective, impact
    - eNewsletter – outreach, quality, must have content, click rates
    - Webinars – attendance, feedback, registration, shaping future messages

1. **Subgroup Updates**
   * **K-12** –Virginia Lehmkuhl-Dakhwe stated that project teams are forming and links for topic groups will be distributed to the current K-12 members.
   * **Collegiate** – Casey O’Brien, co-chair, stated there are 7 new members in the group. The group is continuing to review the NICE Strategic plan. The review will be completed at the next meeting on March 8th and then they will decide on 2-3 objectives for the subgroup to pursue.
   * **Competitions -** Dan Manson conveyed that the Competitions subgroup created Action Items. One is to create a master list of competitions. One subgroup member volunteered to take the lead since she has an existing spreadsheet list. The subgroup hopes to bring it up to date. Dan hopes to share the status during the next NICEWG meeting.
   * **Training and Certifications -** Montana Williams spoke about the Training and Certifications first meeting held on February 10th. There are currently about 18 members who’ve joined the group. Members can be found on the Training and Certifications SharePoint site. This subgroup sees themselves as driving the train to advance skill sets. Montana also mentioned that the C3 certifiers will meet at RSA on February 29th.
   * **Workforce Framework** – none for this month
   * **Career Development and Workforce Planning** – none for this month
2. **Project Progress Reports**
   * **CAE Community -** Danielle Santos commented on the CAE online meeting on February 9th attended by 81 people. The focus of the meeting included Knowledge Units (KU) Cleanup and CAE 2Y designations. To learn more about the CAE Community and how you might be able to get involved, visit <https://www.caecommunity.org/>
   * **National K-12 Cybersecurity Education Conference** – none for this month
   * **NICE Annual Conference** – Danielle Santos reminded the group that theAnnual NICE conference is scheduled for November 1-2 in Kansas City, MO. Be on the lookout in March for the call for proposals (accepted through the May timeframe).
   * **NICE Challenge Project -** James Ashley, Cal State San Bernardino. James let the group know that the beta release of the web portal is now live. At the end of this week newly completed challenges will be released. We are looking for more professors to utilize the NICE challenges. Find out more through the link: <https://www.nice-challenge.com/>
   * **NICE Jobs Heat Map** - Randi Parker, CompTIA Director of Public Advocacy, talked about the Cybersecurity Talent Search Solution: An Informational Webinar held last Wednesday (February, 17th) with over 200 attendees. Held second advisory meeting on February 25th. The first draft of the report will be released in November 2016. Trying to narrow down a name. Let us know if you have any questions.
3. **New Business** – Rodney Petersen introduced Bill Newhouse, Deputy Director of NICE, who spoke about the Cybersecurity National Action Plan (CNAP).
   * Long term – establish a Commission focused on Enhancing National Cybersecurity. NIST will provide a lead for this task force. Much of this effort is aimed at cybersecurity within the federal government; however, the recommendations will provide services to entire nation. Additional actions include implementing secure online accounts and moving to multi factor authentication.
   * A new federal CISO will be hired. Modernizing government IT is a big part of this effort. The federal workforce is aiming to expand the Scholarship for Service (SFS) program, for the CAE to increase the number of schools and provide resources. This public NICEWG is a good source for sounding board.
   * Refer to presentation (attached) and the following link: <https://www.whitehouse.gov/the-press-office/2016/02/09/fact-sheet-cybersecurity-national-action-plan>
4. **Question and Answer Session**
   * What is the difference between the 2.0 NICE Framework and forthcoming framework document? The new document is not just for Federal consumption and will raise visibility and awareness of the workforce framework. Currently, we are working on a title of the document which is going through iterations.
   * What is the difference between the CNAP and the NICE Strategic Plan? CNAP is largely a plan that focuses on Federal initiatives and the NICE Strategic Plan looks to enhance cybersecurity for private, academia and government. Strides are being made to assure that CNAP tactics are aligned within the NICE Strategic Plan. Lynne mentioned there is an interest in engaging state education.
5. **Summary of Action Items** – Danielle Santos mentioned that the NICE team will share conversation, slides, links, etc. that will be sent with the meeting minutes. Subgroup co-chairs should be on the lookout for new member inquiries.
6. **Next Meeting Reminder** - President Kathi Hiyane-Browne reminds the NICEWG that the next meeting is scheduled for March 23, 2016 at 3:30PM Eastern Time.

Meeting adjourned at 5:02 pm

**Action Items:**

| **Action Item** | **Description** | **Assignee** | **Status** | **Date Completed** |
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| 1. | Presentations, chat transcripts, links, etc. sent to the NICEWG | NICE Associates |  |  |