

# SoCal Cyber Cup Challenge 2017-2018



*The  
Guardian Angels  
of Cyber*



***Coaches and Mentors***

***The Future of Cyber Security Is  
In Your Hands!***



## MISSIONS

An educational experience like no other, your team will engage using Project Ares from Circadence, a top level government training platform for cyber professionals of all skill levels. Integrated with IBM's Watson, Athena, will help guide your teams through basic knowledge in both the Windows and Linux operating systems. Real-time skills matrix assessments and scoring provides instant feedback during practice rounds. The SoCal Cyber Cup Challenge will use this "gamification" of advanced skill training to help you develop our future cyber defenders, no matter what their current level of experience is. Just jump in and get excited! You may learn too!

### GET INVOLVED!

#### What are the goals of the SoCal Cyber Cup Challenge?

- Educate students about Information Assurance and cyber security
- Foster a spirit of team work, effective communication, ethical behavior, both within and across teams
- Encourage career considerations in cyber

#### Why you should consider becoming a mentor?

Cyber touches every facet of our lives today. By agreeing to become a mentor, you are helping to provide a team of 5-8 students with the skills and knowledge for them to pursue a career in cyber security.

#### Do I need cyber knowledge or experience to participate?

Not really, although it does help if you are going to mentor a team. This year, Athena, the IBM Watson persona that interfaces within the platform can handle many of the technical questions. Where you come in, is experience, building checklists and more.

#### What is the time commitment?

We request that the mentors allocate time for at least one face-to-face meeting with their teams. You should plan on a minimum of 2-hours a week. Many mentors give much, much more! The pay-back is endless! Working with the students is incredible and a real joy!

#### How do I sign up?

- Visit: <http://socal.cc>
- Go to the registration link and enter your information
- If you are a coach, you should enter your school name in the "comment" field. Coaches should sign up prior to the students so your school will show in the team selection category.
- If you are a mentor, enter the school or area you wish to associate your time with in the comment field

#### Can I get an overview of the Challenge?

Yes, go to <http://socal.cc> and visit the Training Resources. You will see a link to the Orientation.

The kids are excited and we are too! Please consider...

Questions? You can send an email to:

Liz Fraumann – [lfraumann@securingoureconomy.org](mailto:lfraumann@securingoureconomy.org)

Lillian Maestas – [lmaestas@knowledgemade.com](mailto:lmaestas@knowledgemade.com)

Chris Simpson – [csimpson@nu.edu](mailto:csimpson@nu.edu)



# IMPORTANT DATES

## SEPTEMBER

15 Sep – Team Registration Opens

<http://socal.cc>

## OCTOBER / NOVEMBER

14 Oct – 2 Nov – Practice Round 1

## DECEMBER

11 Dec – 31 Dec – Practice Round II

## JANUARY / FEBRUARY 2018

27 Jan – 8 Feb – Qualification Rounds\*

## MARCH

24 Mar – Finals and Awards

- Teams must sign up for a specific time slot to qualify. Teams may participate once in order to qualify

**Note: parents must register their student under the age of 18 in order to participate. Coach/mentor communications will take place through the SoCal Cyber Cup Challenge site: <http://socal.cc> and within your Team rooms.**

## 2017 Guardian Angel Award Recipients



Paul Johnson  
Northrup Grumman



Tammy Neuhaus  
Westview High School



Tara Taylor  
Eastlake Middle School

*Paul Johnson, Tammy Neuhaus, and Tara Taylor all coach SoCal Cyber Cup Challenge teams and were recipients of the First Guardian Angels of Cyber Awards in March of 2017. Congratulations and thank you to them for their dedication to our future cyber defenders.*

MISSIONS



CIRCADENCE

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A Special Thanks to the  
Organizers

