

UMBC Cyber Defense Team

Brief overview of the club
2018-2019





Welcome to the UMBC Cyber Defense Club!

- Also called the UMBC Cyber Dawgs!
- A student run organization since 2009.
- We're a group of students that share a passion for and recognize the importance of computer security

such hack



much cyber



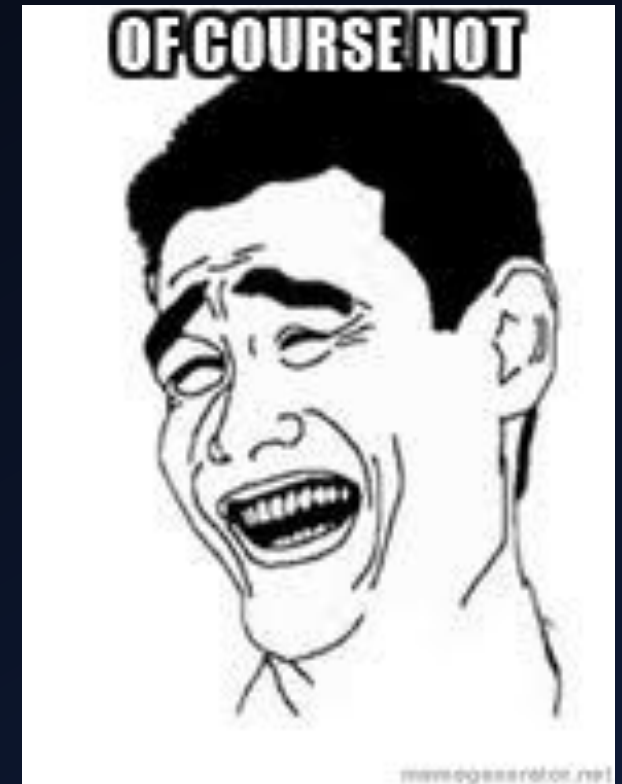
Track #1: Education and Hands-on

- Our regular club meetings: every Wednesday; 7-9 in PUP105
- We have a schedule for this semester!
 - Check it out on our website: <http://umbccd.umbc.edu/>
- Some stuff we'll be covering this semester:
 - Web exploitation
 - Networking basics
 - Offensive security

This all sounds super cool...but do I need to have experience coming in?



- Schedule is tailored for beginners and veterans alike.
 - Having trouble/can't find a solution? Ask us!
 - Bored/already know it? ASK US!!!
 - This is a club, not a lecture hall, so even if you already know the topic, please come by and hang out, and help people if you are inclined.
- This semester, we also have CMSC 491/791!
- Most of our resources are available on our GitHub as well: <https://github.com/UMBCCyberDawgs>





Track #2: Industry Exposure

- We'll have some industry folks come in and give talks, demos, labs, and host competitions!
- Our current sponsors:
 - Parsons
 - Tensley Consulting
- Please talk to them at the competitions we host, they'd like to hire you, that's why they're here!



TENSLEY CONSULTING, INC.
Engineering Excellence for Mission Success



Track #3: Competition Participation

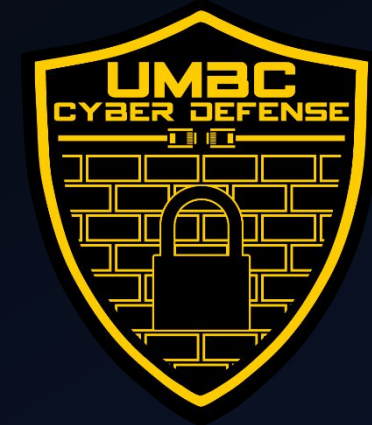
- We encourage EVERYONE to do at least one competition while they're part of the Cyber Dawgs
 - Formal requirement for the 491/791 class
- Lots of different types of competitions available!
- We've done pretty well in the past... join us!
 - National CCDC Champions 2017
 - CSAW North American finalists 2017 (finished 7th)
 - CSAW North American undergrad region 2016 16th





Some Upcoming Competitions

- PicoCTF is always running, it's an introductory CTF run by CMU
 - New version comes out: 9/20/18 - 10/12/18 <https://picoctf.com/>
- CSAW CTF: Qualifiers begin Friday at 4PM, runs until Sunday, 4PM
- CyberSkyline Metropolis CTF (hosted at UMD College Park)
 - Teams of 4, we'll be organizing in the coming weeks. October 6, 2018
- CCDC (Collegiate Cyber Defense Competition)
 - We are running the Cyber Defense Exercise to prep, please play



CSAW Information

- Qualifiers begin Friday at 4PM, runs until Sunday, 4PM
- We will be meeting up at 3:30ish on Friday on the second floor of ITE
- Categories include Web Exploitation, Cryptography, Binary Reverse Engineering, Binary Exploitation, Miscellaneous
 - If you don't have existing experience with assembly or writing web apps, you may have a frustrating time. That said, you're welcome to attend if you promise me that you'll try at least one other CTF before you give up :)
- DM me (chainsaw10) on Slack if you get a flag, so I know who our top performers are to make the Finals team (4 people) if we qualify



YEEHAW!!! I'M TOTALLY HOOKED!

- Remember: our regular club meetings are Wednesdays from 7pm-9pm in PUP105.
- Get on our slack channel! <https://umbccd.slack.com>
 - This is really the best way to communicate with us, so get on this ASAP!
- Check out our website to see our schedule, resources page, and link up with the group at <http://umbccd.umbc.edu/>
- Subscribe to our mailing list: send an email to umbccd-group+subscribe@umbc.edu to join (umbc email or

