Schedule!

Weekly Meetings

Wednesdays at 7:00 PM in GCI Security Lab
Golisano Hall 2740

Official WiCyS Website

RIT WiCyS Website

WiCyS@RIT 2022-2023
Spring Semester Schedule
Meetings at 7:00pm in GCI Security Lab
Golisano Hall 2740

25 January	Semester Goals
1 February	Intro to Red Team
8 February	Maximize your College Experience
15 February	Kubing Around
22 February	SOC Talk
1 March	Preparing for Interviews
8 March	Midterm Madness
15 March	No Meeting - WiCyS Conference
22 March	Homelabbing with Ashley
29 March	Making the Most of Your Co-op
5 April	Intro to Pentesting
12 April	The Art of Fiddling
19 April	Eboard Elections
26 April	Spring Final Fun

WiCyS
WOMEN IN CYBERSECURITY

ROCHESTER INSTITUTE OF TECHNOLOGY
STUDENT CHAPTER

Follow our Socials!

@WiCySRIT

@WiCySRIT

Announcements

- Workshop registration will open on February 6 and close on March 10.

  - To access the WiCyS Registration Portal and register for workshops, go here

- **ISTS**

  - **White Team** and **Blue Team** sign-ups in **#annoucements**

  - Both are excellent opportunities and blue teaming counts towards the

    competition requirement for the RITSEC **Red Team**

- **Next week's talk** will be on **Kubernetes** since Max did an excellent presentation on

  how to build a CTF challenge, link here

What do you do with your time?

Time Management

- Find a way to keep track of your day

  - Google calendar

  - Notion

  - A To-Do list

  - Reminders

- Set realistic goals

- Do not procrastinate

- Try not to overbook yourself
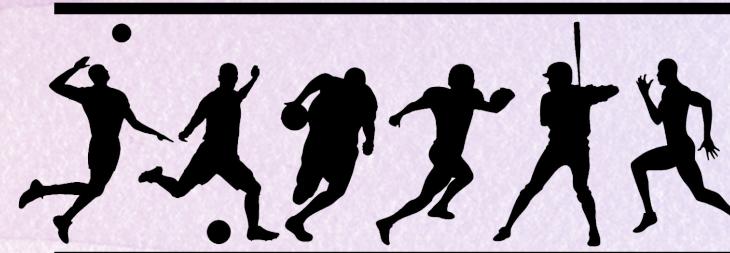
What other clubs/activities are you involved in?

What do you do outside of class?

Exploring Clubs/Activities

- There are other clubs beside RITSEC!
  - HvZ
  - Pep Band
  - Bee Keepers Club
  - EDM Club
  - And so many more!
- Intramural Sports
  - Soccer
  - Rugby
  - Hockey
- Greek Life
- https://www.rit.edu/student-clubs-and-organizations

GO GREEK!

HvZ
HUMANS vs ZOMBIES
@RIT

How do you take care of yourself?

Self Care

- Learn to **take breaks**

- Don't skip meals (caffeine does not count)

- Allow yourself to breath

- Find a relaxing hobby (knitting, reading, etc)

- Stay Hydrated!
  - Red Bull/Monster/Coffee does not count
- Try to sleep

How do find balance within your (busy?) schedule?

Finding Balance
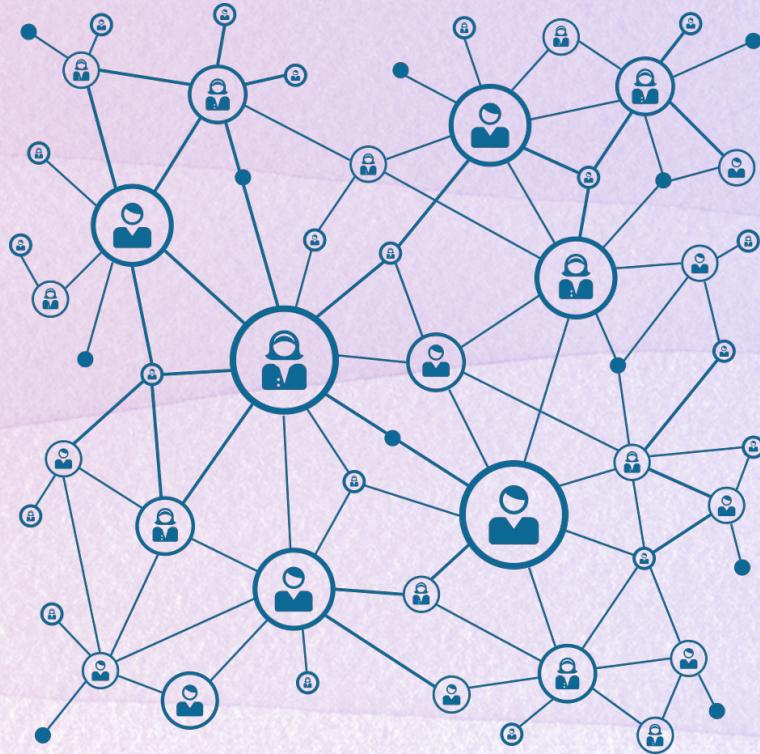
- Knowing when you need a break
  - Understanding that you need a moment away from your work
- **Splitting time** between homework/club/friends/jobs

What professional opportunities can you take advantage of?

Professional Opportunities

- Job opportunities
  - Co-ops
  - TA/CA
- Research opportunities
- Networking
  - Career Fairs
  - RITSEC Career Fair Eve
- Conferences
  - WiCyS Conference
  - ShmooCon
  - DEFCON

CyberCorps® SFS Program Overview

- Build up the nation's cybersecurity workforce for the US government

- Funded directly within the federal government's budget for the National Science Foundation (NSF)

- Admitted students will work for qualified agencies for at least the same number of years receiving the scholarship
  - including internships each summer before they graduate

Scholarship Program Eligibility

- Enrolled (or will be enrolled) in **one of three accelerated BS/MS programs:**
  - BS in Computer Science and MS in Computing Security
  - BS in Software Engineering and MS in Computing Security
  - BS in Computing Security and MS in Computing Security

- **US citizenship or legal permanent resident**
- **3.25 overall GPA** or higher
- Completed at least one co-op before beginning the program (can be private sector)
- Must be able to obtain an appropriate security clearance
  - Review the federal SF-86 form but **do not submit it with the application**

Ongoing Scholarship Program Requirements

- Sign CyberCorps® SFS Service Agreement and Forgivable Loan Promissory Notes
- Maintain a **3.25 GPA** or higher
- Accept no outside employment without written permission of the RIT CyberCorps® program
- Continued ability to obtain and/or maintain a security clearance
- Apply for, receive, and participate in internships (co-ops) each summer with an approved governmental agency;
- Apply for, receive, and accept a full-time position with an approved governmental agency upon completion of degrees; and complete service at that agency equal to the time funded by the scholarship
- Participate in all CyberCorps® cohort activities
  - Outreach (Internal and external)
  - Social events
  - Going to job fairs/events
  - Going to SFS weekly seminar
  - Shadowing faculty research
  - Applying for jobs, resume editing
  - Going to conferences
- You must 60 hours worth of SFS activities a month to earn stipend

Scholarship Program Commitments

- Work for approved government agencies after graduation (and internships each summer) for at least the same number of years on scholarship
- **Federal Executive Branch Government Agencies (no less than 70%)**
- **Other US Governments and their Agencies (no more than 20%)**
    - State, Local, Tribal, or Territorial Government
    - Other Federal Government Agencies
        - Includes Federally Funded Research and Development Centers (FFRDCs)
- **Cybersecurity Faculty Member at an SFS Institution (no more than 10%)**

Position must be related to cybersecurity/information assurance!

Scholarship Program Benefits

- BS/MS
  - Undergraduate Year(s): full tuition and fees, and $25,000 stipend
  - Graduate Year: full tuition and fees, and $34,000 stipend
- $6000 per year for professional development
  - Books
  - Travel to SFS Job Fair
  - Professional certifications
  - Travel to conferences (DEFCON, Shmoocon, SANS Summits, WiCyS, etc)

Application Materials / Timeline

Materials

- Application Form
- Your most current unofficial transcript
- Your current resume
- Two letters of professional reference
  - At least <u>one from an RIT faculty member</u> and <u>one from a co-op or other job supervisor</u>
- One letter of personal reference
  - Can be from a family member
- Personal statement (similar to a cover letter)
  - Motivations for wanting the scholarship, wanting to work for government, etc.
- Draft Worksheet for your BS/MS program (get this from your advisor)

Timeline

- Application deadline: **March 31 2023**
  - **application**
- Interviews: **April/May 2023**
- Admission decisions: **After Spring Semester GPA is posted**
- Website: https://www.rit.edu/computing/department-computing-security#scholarships
- Application form: to be announced on website

Questions?

PI Email - **cybercorps@rit.edu**

Firetalks

- **5-10 minute long** presentations at the end of WiCyS meetings

- **Sign-up** form on the **WiCyS website** as well as in announcements (and <u>here</u>)

- If you have any questions, talk to E-board!

- Why are we doing this?

  - Gives people a chance to present that normally wouldn't at RITSEC and other IG's

    - Good **public speaking experience**

  - **Chance for mentorship** from older members

    - Guide you through the research process

    - Answer any questions you have about presenting/slides

    - Help you turn your research idea into a presentation