

UD CIS NEWS

Computer Science
Undergraduate Newsletter

Sept 2021

Vol. 2 Issue 1



Hi there!

Welcome back! We're as thrilled to have you here on campus as we hope you are to be here!

In order to kick off the semester, we are hosting an event September 20th to learn more about the clubs and have you make the most out of your time here. (More Info Cont. on Page 5)

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"The secret of change is to focus all your energy, not fighting the old, but on building the new."

- Socrates

MEET THE CHAIR

Dr. Eigenmann is the new interim chair of the CIS department. He came to CIS from UD's Electrical and Computer Engineering Department, where he plans to return once CIS has found a new permanent chair. Prior to joining UD in 2017, he spent time at the National Science Foundation and many years as a Professor at Purdue University. Next to his chair duties, he conducts research in high-performance computing, including parallel program optimization, performance evaluation, and building cyberinfrastructure. When time allows, he plays piano, or even sometimes undusts his saxophone.



SENSIFY LAB SPOTLIGHT

Luke Halko from the Sensify Lab has been selected to participate in the inaugural SNF Ithaca Initiative Student Leaders Program (Biden Institute Joseph R. Biden, Jr. School of Public Policy & Administration) for his work on news and digital media literacy interventions as part of the Community Comm project.

RESEARCH SPOTLIGHT

Hi! I'm Kristina Holsapple and I'm a junior Computer Science major with minors in Human Development & Family Sciences, Disability Studies, and English. I work alongside Dr. Bart towards the design of Designer, an evidence-based and student-friendly interactive graphics Python library to support the learning experience of introductory computer science students. We collected data from current students to understand how they think about video games. This summer we developed Designer based on the data we collected. Ideally, this interactive library will be used in computer science courses so that students can learn computer science by designing their own visual output.

Additionally, I work with Dr. Yarrington to develop an educational tool to support the executive planning skills of students with Autism Spectrum Disorder. This tool analyzes class assignments and generates a timeline suggesting how students should manage their time to complete the assignment by the time it's due. I'm passionate about human-centered research because I think we grow as a society when we work together and care for one another. I'm grateful that my research experiences allow me to use my love for computer science to support my community.



GET INVOLVED IN CLUBS!

ACM-W

We are the largest organization of women and nonbinary individuals studying tech on campus. We host weekly meetings for networking, career development, and fun events.

Contact Info: Erin Wallace ewallace@udel, Amy Feldman (mentoring), amyfeld@udel

[AMC-W GroupMe](#)

CS+Social Good

Our mission is to foster interest in applying technical knowledge and experience in ways that will help our community and promote technology as a means for positive social change.

Contact Info: udcs4good@gmail.com

[CS+SocialGood Website](#)

ACM

(Association for Computing Machinery)

ACM is an all-encompassing computer science club and part of the largest network of computer scientists in the world. We welcome all people with any level of experience in CS. In our meetings, we cover interesting topics like artificial intelligence, cybersecurity, web development, and almost anything our members want to learn. Join ACM to join the larger community of CS at UD and beyond.

Contact Info: Noah Hodgson, noahmh@udel.edu

[ACM Discord](#)

Business Basics for Engineers

BBE is geared toward engineering students looking to learn and gain exposure to some of the business skills necessary to succeed when entering competitive industries upon graduation. There is so much more to being a successful engineer!

Contact Info: Will Koenig, willk@udel.edu

Capture the Flag!

We compete in weekly cyber security competitions and hold regular learning sessions in cryptography, exploitation, reverse engineering, and forensics.

Contact Info: Tyler Werman, wermant@udel.edu

[Capture the Flag Discord](#)

Linux User's Group

We conduct weekly talks about all things computers. There's a main focus on Linux, however, it's more about having fun and learning so things can deviate quite a bit. Past talks have included understanding git, creating a honey pot, going on the "deep web" and much more.

Contact Info: Sam Calvert, sfcal@udel.edu

[Linux User's Group Slack](#)

UNDERGRADUATE OPPORTUNITIES

Sensify Lab

Interested in earning research credits? The Sensify Lab (sensifylab.org) is looking for undergraduate software developers with interests in machine learning, game development, and/or web development to join our on-going projects. Students will contribute directly to research activities, get hands-on experience with engineering tasks, and help us to design efficacious user-facing tools. If interested, contact Dr. Mauriello (mlm@udel.edu) with your resume and unofficial transcript.

ANIMALS OF CIS

Want to see your own animal featured?

Submit Here: <https://forms.gle/qopmanwlu7rSP3GQ8>



This is Ada and Pumpkin, Dr. Bart's animals. Ada doesn't really like the hat, but she's so patient.



Meet Brûlée, Dr. Decker's cat, or in this instance, his basket case.

CAN YOU SOLVE IT?

What is the largest number that can be made moving only two bars?



If you think you know the answer, enter [here](#) - one random correct answer will win a \$15 Starbucks gift card!

BECOME A MENTOR/MENTEE

Interested in being a mentor or mentee? Need someone further to talk to? Are you a woman or non-binary in tech? ACM-W has a mentorship program in order for you to have the ability to go to others who are in similar positions and talk about whatever you need. If you are interested. Fill out this [form](https://forms.gle/FnhY2LW9ZRjhm5pLA): <https://forms.gle/FnhY2LW9ZRjhm5pLA>

INTERESTED IN LEARNING ABOUT CIS CLUBS MORE AND MEETING OTHER STUDENTS?

On Monday, **September 20th** there will be a CIS clubs gathering in order to learn more about each club, talk, discuss, and meet other students as well.

Time and Location: TBD

Submit to the Newsletter

Interested in having an event / activity, club, faculty, student, research, opportunity, or something else featured in the CIS Newsletter?

Upload [here](#):

https://forms.gle/ZwdKAeZjbAe_rblEE8

Interested in Applying for the CPUs?

Like what we have done? Want to do something for the CIS department yourself? Fill out [this form](#) to show your interest in joining!

Also link:

<https://forms.gle/RRHz49JJtki37QBG8>

Recommend a Student

Fill out [this form](#) to recommend a potential student for the CPUs.