

Industrial & Systems Engineering



WRIGHT STATE
UNIVERSITY

Spring 2021

Congratulations Graduating Class of Spring '21

I would like to start this newsletter by congratulating the graduating class of Spring '21. Their grit during these unprecedented times inspires me. We were fortunate, this year, to have our graduation ceremony scheduled in person in a safe manner. Wishing the very best to all.

I hope you find the newsletter informative. Whether you are a prospective student or parent, an alumni, industry partner, or just interested please don't hesitate to reach out to us.

Subhashini Ganapathy
Associate Professor & Chair



User Experience (UX) & Design Thinking Certificate

We have introduced this new certificate that can be earned by completing just 3 courses !!

Upon completion of this certificate program, the graduate will be knowledgeable in:

- ♦ how to use latest skills and tools to create and evaluate user experience (UX);
- ♦ concepts related to UX, usability and design thinking;
- ♦ the application of the iterative process of user-centered design thinking;
- ♦ techniques related to low- and high-fidelity prototype creation; and
- ♦ user-interface (UI) prototyping tools such as Axure, MIT app inventor

National average salary for UX Designers in the US is more than \$96,000 ([2019](#)). This certificate is offered entirely online.

For more information check out our website - [UX & Design Thinking Certificate](#)



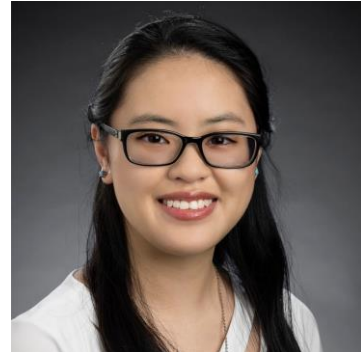
Alumni Highlight

Jeff Taylor graduated in 1975 from WSU with a BS in ISE. After his undergrad, he worked at Wright Patterson Air Force BASE in civil engineering where he did HVAC work and started a career path learning computer aided engineering design programs, computer systems administration, and computer security. He worked with Control Data Corporation in Dayton and Los Alamos, New Mexico. Before moving to New Mexico, he received a MS in mechanical engineering from the University of Dayton and passed Ohio's Professional Engineer's Exam. He later worked at Sandia National Laboratory where he did the initial design, development, and installation of the company's computer scanning system to identify possible vulnerabilities. He now lives in Santa Fe, New Mexico with his wife of 32 years. They built a passive solar home with solar panels that provide 100% of their electrical needs, which includes an electric powered car.

Jeff retired from Sandia National Laboratory, he enjoys playing golf, building a model railroad, and traveling.

Wright State University Libraries' Top Scholar for CECS

The Top Scholars program began in 1995 through collaboration between the WSU Parents Association and the Friends of the Libraries to recognize the top graduating senior from each of WSU's 6 colleges. This year, ISE graduate, Kara Combs was named as the 2021 Top Scholar for the College of Engineering and Science. As part of the award, a new book from the industrial and systems engineering discipline will be added to the library's collection. [Read more](#)



Student Internship highlight

Eva Stanglein, a senior in ISE, is an intern at Dayton-based AmeriWater, which designs and manufactures water purification systems for clients across the nation and limited international clients. Stanglein said AmeriWater has given her experience in inventory management and visibility on how each department connects to the process. "I have learned how to lead and coordinate many small improvements with multiple departments to prepare for the roll-out of larger changes," she said. "My end goal is to implement a barcoding system in our warehouse in the spring."

After graduating, Stanglein plans to pursue a career as a manufacturing and process engineer. "I would like to set myself up for a management position and continue to move up in a large company one day," she said. "I want to be a strong role model for other young female

engineers like my bosses have been for me during internships.

[Read more](#)

Senior Capstone Highlight

One of the ISE capstone teams helped improve the user experience within the CECS website by



creating a virtual tour of the college of engineering and computer science featuring 360° images of many of the rooms and labs you know, and some you may not have had the chance to see before. This tour offers a new way to see and learn what CECS has to offer, especially to those just begin their college search. Please feel free to view the tour at the link below and enjoy exploring our engineering home!

<http://www.wright.edu/files/vr/cecs/tour.htm>



937-775-5044 | 207 Russ Engineering Center

Want to change how you receive these emails?

You can [unsubscribe from this list](#).