

Resources Shared:

Registration for Share and Learns:

<https://uci.zoom.us/meeting/register/tJlkcuqrpzkvE9Ts0CY4CUEUUBkUQrYcgRGw>

Interested in hosting a topic? Email Dr. Christine King at [kingce@uci.edu](mailto:kingce@uci.edu)

Mentorship Courses: <https://ctsi.umn.edu/training/mentors/mentor-training>

<https://healtheducation.umn.edu/opm-ug/index.php>

BioDesign Book: <https://biodesign.stanford.edu/resources/learning.html>

Design Controls Textbooks:

<https://www.amazon.com/Controls-Management-Process-Validation-Professionals/dp/0692835415>

<https://www.amazon.com/Design-Controls-Medical-Device-Industry/dp/1138073717>

Join Our Slack Channel:

[https://join.slack.com/t/beecgroup/shared\\_invite/zt-vbx77o6v-Eimbgba8pZpAo0FFkGBbtg](https://join.slack.com/t/beecgroup/shared_invite/zt-vbx77o6v-Eimbgba8pZpAo0FFkGBbtg)

## Chat Text:

Anthony Felder (UIC) to Everyone

AF

i have a colleague who might want to attend, can you copy+paste the zoom register link here?

thank you!

Ethan Geheb (UMaine) to Everyone



BioDesign book?

Anthony Felder (UIC) to Everyone

AF

<https://biodesign.stanford.edu/resources/learning.html>

Verna Rodriguez to Everyone

VR

Biodesing by Yock

Ethan Geheb (UMaine) to Everyone



Thanks!

Conrad Zapanta (CMU) to Everyone



There are rumors of an update coming out this year

Sabia Abidi (Rice University) to Everyone



Do you pay all of these mentors? How do you get buy-in from all of these excellent resources? Do you give them something in return?

Kristen Labazzo-Rutgers to Everyone



How long does it take to generate an actual product? I have been running a "clinical" program in collaboration with a facility for the disabled for over 5 years and none of the projects that have come from this are anywhere near going to a patient.

Sabia Abidi (Rice University) to Everyone



Related to Kristen's question, do you have an infrastructure that can support the pipeline of projects after the year of capstone progress?

Daniel García (Universidad de los Ande... to Everyone



We know that some students may not be too excited about a capstone design project. How do you manage your students to actually do a good job at their projects and not let down the mentors that you have contacted for them?

Kristen Labazzo-Rutgers to Everyone



This is exactly our concern! We are only now just considering reaching out to industry mentors (we currently only used faculty-mentored projects) but want to ensure we put our best foot forward with external partners.

and you enter a grey area if you cherry pick the "high performers"

Conrad Zapanta (CMU) to Everyone



I'm guilty of "tweaking" teams for industry-sponsored projects (we have ~ 4 of these out of 12 projects every year).

Verna Rodriguez to Everyone



how difficult or how long did it take to switch from an engineering sr. design project to a multidisciplinary sr project? Who are the other departments ?

Lori Herz (she/her), Lehigh University to Everyone



Our "senior" capstone starts in the junior spring and ends in senior fall. That helps us avoid the senioritis that often occurs at the end of senior year.

Conrad Zapanta (CMU) to Everyone



@ Lori: Do you have problem with a loss of interest/momentum over the summer? It's an interesting idea.

Lori Herz (she/her), Lehigh University to Everyone



Our capstone course is interdisciplinary. Bioeng, MechE, and MatSci take the same capstone course, but we make sure to put students on project relevant to their major.

Conrad Zapanta (CMU) to Everyone



"Norming expectations" for industry sponsors took a few years for me. It's a big deal.

Ethan Geheb (UMaine) to Everyone



Sure...depends what they're offering for payment :-)

Lori Herz (she/her), Lehigh University to Everyone



Conrad et al: Yes, there is some summer loss, but the students rebound within a couple of weeks. Another benefit of the junior spring start is that they've made a lot of progress on their project when they're interviewing for jobs.

Anthony Felder (UIC) to Everyone

AF

all, i need to get going for my next obligation. it was good to see everyone, hope the semester is going well

Kristen Labazzo-Rutgers to Everyone



design control in an UG curriculum?? WOW!!

Me to Everyone



Presenter: Adam St. Jean, University of Massachusetts Lowell

Topic: Teaching Thermodynamics to Biomedical Engineers

Where: Zoom –

<https://uci.zoom.us/meeting/register/tJlkcuzrpzkvE9Ts0CY4CUEUUBkUQrYcgRGw>

When: March 16th, 2022, 1-2PM EST

Interested in hosting a topic?

Email Dr. Christine King at [kingce@uci.edu](mailto:kingce@uci.edu)

Design Controls Risk Management and Process Validation for Medical Device Professionals by Geckler

<https://ctsi.umn.edu/training/mentors/mentor-training>

<https://healtheducation.umn.edu/opm-ug/index.php>

Sabia Abidi (Rice University) to Everyone



<https://www.amazon.com/Controls-Management-Process-Validation-Professionals/dp/0692835415>

Me to Everyone



<http://www.techsera.com/>

<https://www.amazon.com/Design-Controls-Medical-Device-Industry/dp/1138073717>

Michael Browne, UIC to Everyone

MB

have to run - thanks all!

Sabia Abidi (Rice University) to Everyone



Can we share a googledoc of resources for all?

Me to Everyone



[https://www.amazon.com/Design-Controls-Medical-Device-Industry-dp-0815365527/dp/0815365527/ref=dp\\_ob\\_title\\_bk](https://www.amazon.com/Design-Controls-Medical-Device-Industry-dp-0815365527/dp/0815365527/ref=dp_ob_title_bk)

Soumya Srivastava (WVU) to Everyone



Thank you for all the great resources

Daniel García (Universidad de los Ande... to Everyone



Sorry I joined late. How can I access the slack team?

Conrad Zapanta (CMU) to Everyone



I need to head out to office hours. Thanks for the great presentation!

Sabia Abidi (Rice University) to Everyone



Thank you for everything. I have to run. This has been excellent.

Me to Everyone



[https://join.slack.com/t/beecgroup/shared\\_invite/zt-vbx77o6v-Eimbgba8pZpAo0FFkGBbtg](https://join.slack.com/t/beecgroup/shared_invite/zt-vbx77o6v-Eimbgba8pZpAo0FFkGBbtg)