

CIS – Advisory Board Meeting Minutes

Temporary Approved Meeting Format for Spr2022: **Request + Newsletter & Online Survey**
Sent to Advisory Members: **April 22, 2022**

Newsletter and Survey Sent to Current list of Committee Members: Miranda Friel (*Redwood Capital Bank*). Matt Murrish (*Valeo Networks*), Aaron McVanner (*Independent IT Consultant/formerly Kokotat*); Moshin Aziz (*Nylex*), Robert Pollard (*Blue Lake Rancheria*) Eddy Noggle (*City of Eureka*), Derek Howard (*City of Eureka*), Mike Haley (*CR Dean Career Ed*)

Newsletter Author: Chris Romero; proofed by Amy Murphy

Survey Author: Amy Murphy; proofed by Chris Romero

Survey approval: Mike Haley

New Committee Members/Updates: New members Eddy Noggle & Derek Howard (*agreed to serve in place of Jessica Heiden – no longer employed by EKA City*). New member Miranda Friel (*agreed to serve in place of Marc Chaton - retired from RCB bank*). No longer a member: Joe Capps (*no longer working for Valeo Networks*)

Request/Input email to Advisory Members:

Included meeting format update message to Advisory members:

- CR's Career Ed disciplines are required to survey our local employers' needs to ensure we're capturing and meeting them through our courses and curriculum. Our CIS Advisory Committee generally meets at a local restaurant over lunch (our treat), just once or twice an academic year (if the selected day fits in your schedule). We do plan to return to in-person lunches in the upcoming academic year, but for 2021/2022, we're just sending out a brief CIS Program Newsletter and short 4-question survey for members to fill out and submit online (via Survey Monkey).

Newsletter to Advisory members:

Updates + highlights:

Since we last met, Amy Murphy applied and was hired as Dan's retirement replacement in the CIS department. She and I have been working very hard to continue to support our students and community during the Covid pandemic. The great news is that we have been able to continue to offer all of our courses during this time, thus allowing students to achieve their academic goals as well as supporting local businesses by placing recent graduates into positions.

Highlights include:

- CIS faculty successfully secured North Far North Consortium single-semester sponsorships, temporarily funding National Cyber League participation for all cybersecurity course sections. Participation in competitions increases students' exposure to real-world cybersecurity challenges and allows them opportunities to develop and hone skills that are highly desirable to potential employers.
- One of our CIS37 student teams that competed in the S2021 National Cyber League cybersecurity competition ranked in the nationwide top 100 throughout most of the competition.

- CIS sent two CIS cybersecurity teams to the California Cyber Mayors Cup annual competition. Our CIS teams took 1st place in Colleges Only, 7th place Overall, 1st and 2nd place in the North/Far North Colleges Region and brought the Mayors Cup trophy home for College of the Redwoods.
- In the last year, CIS faculty facilitated the hiring of several students into technical support positions at the following businesses: City of Eureka (3 new interns), South Bay school district, and a local charter school.

New Developments:

- We have also been actively engaged in discussions with the newly designated Cal Poly Humboldt. Some of the exciting collaborations in development are:
 - A CR to Cal Poly Humboldt Cybersecurity pathway
 - CR student and faculty participation in an Cal Poly Artificial Intelligence project
 - A CR to Cal Poly Humboldt Software Engineering pathway
 - Future Reinstatement of a CIS Program at Cal Poly Humboldt
- Finally, this will be Chris's last semester at CR. Fortunately, we have just finished successfully securing his replacement.
- Trevor Hartman will be joining Amy in leading CIS into the future.
 - Trevor brings extensive industry experience as successful programmer and entrepreneur. He has held a variety of titles such as developer, Systems Administrator, DBA, DevOps, Systems, Architect and most recently as Director of Technology for an e-commerce company.
 - He recently sold his startup company and wanted to return to his passion of teaching, which he did as a graduate student.

Attachment Sent:

- Attached updated complete list of CIS Program Offerings and Course Descriptions for Advisory Committee Review

Survey for Advisory Committee:

College of the Redwoods - CIS Advisory Committee Survey

Survey Purpose:

Advisory Board input and feedback help inform CIS curriculum adjustments and the development of new CIS courses and programs that reflect the needs of our local IT industry and employers.

CIS Dept. fulltime faculty are polling our CIS Advisory Board to see if any of our members have input, recommendations, and/or feedback concerning new or upcoming changes/trends in local industry that we should be aware of.

We'd also like to verify our courses and program are continuing to meet the needs of local employers through our current longstanding CIS offerings in the following areas:

- **Network Infrastructure and Domain Administration** (CIS30, CIS31, & CIS33)
- **Programming** (CIS12 & CIS18)
- **Cybersecurity** (CIS35 & CIS37)

- Database (CIS50)
- PC Repair and Maintenance (CIS98)
- Intro to CIS and Business (CIS1 & BUS10)

Thank you for taking a few moments to thoughtfully complete the short 4-question survey that follows below. Your responses are VERY helpful and greatly appreciated!! 😊

Survey Questions:

1) Do you believe our CIS Program is successfully responding to local industry needs with our current course offerings in the areas listed above? If so, please elaborate.

Responses (3):

- *Yes, the courses are appropriate as the foundational knowledge students need to step into IT in a business setting.*
- *Yes. The courses give a good basic foundation.*
- *Yes - Networking and Cyber Security are two big points in this industry (and will continue to be going forward). The intro to CIS and Business course sounds like a good reminder that most of the work we do in this field is people centric. Personality matters.*

2) Are we doing anything within our CIS Program that you'd suggest we stop doing? If so, please elaborate.

Responses (3):

- *No, I believe the curriculum is appropriate.*
- *No.*
- *No*

3) Do you have any current or upcoming industry needs that our CIS Program is currently not addressing? If so, please elaborate.

Responses (3):

- *No.*
- *Virtualization - Using VMware/Hyper-V, the differences/benefits/shortcomings, building out a host server, allocating resources, NIC teaming, etc...*
- *We are seeing a huge focus on cloud computing and infrastructure. Mostly M365 and Azure related. Having courses that train techs in these fields would be HUGE.*

4) Do you have any additional thoughts or comments you'd like to add that are not already addressed in the questions above?

Responses (3):

- *An ERP type course (I'm looking at the open source Metasfresh) or cloud DevOps management would be amazing! Familiarity with AWS, Azure, or GCP is always beneficial as well as O365/GW business apps and collaboration tools.*
- *No.*
- *No*

Respondents in order: *Aaron McVanner, Miranda Friel, Matt Murish*

Next Meeting: TBA – Returning to in-person; Amy Murphy & Trevor Hartman (new faculty hire) to coordinate and host 22/23 Academic Year