



College of Information Technology (CoIT) Advisory Board Meeting Agenda & Minutes

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| Meeting | College of Information Technology (CoIT) Advisory Board Meeting | | |
| Date/Location/Time | 6:00-7:00 pm (EDT), April 12, 2023. Virtual (Zoom) | | |
| Facilitator | <ul style="list-style-type: none"> - Dr. Na “Lina” Li, Dean of College of Information Technology, Program Director of MS in Information Systems - Ed Bissett, Program Director of BS in Computer Science, BS in Information Systems, BS in Game Software Development, BS in Information Technology and Cybersecurity | Note taker | Dr. Jess Schwartz |
| Attendees | <p> <input type="checkbox"/> Mrs. Ruth Cassidy <input checked="" type="checkbox"/> Mr. Allan DeKoninck <input checked="" type="checkbox"/> Mr. Nick George <input checked="" type="checkbox"/> Mr. Randy Goebel <input type="checkbox"/> Mrs. Angela Greene <input type="checkbox"/> Mrs. Aphrodite Jones <input checked="" type="checkbox"/> Dr. Irene Kopaliani <input checked="" type="checkbox"/> Mr. Joe Lykowski <input checked="" type="checkbox"/> Dr. Sherri Maciosek <input checked="" type="checkbox"/> Mr. Mark Miner <input checked="" type="checkbox"/> Dr. Clarence Nixon <input checked="" type="checkbox"/> Dr. Bary Pollack <input type="checkbox"/> Mr. Vincent Tran (hospitalization) <input checked="" type="checkbox"/> Mrs. Nika Zannini </p> <p>Others in attendance:</p> | | |

| Agenda Items | | Notes |
|--------------|---|-------|
| 1 | Welcome | |
| 2 | <ul style="list-style-type: none"> - Baker College Mission - CoIT Mission | |



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| 3 | Approval of Minutes | Oct. 19, 2022 meeting minutes |
| 4 | Dean Updates - Baker College Leadership Changes - Baker College New Initiatives | |
| 5 | Program Director Updates - Student Clubs - Program and Personnel Additions - Progress on 22-23 Continuous Improvement Plans | |
| 6 | Discussions - New trends/needs in industry - New program/certification ideas | |
| 9 | Next meeting | October, 2023 |



College of Information Technology Advisory Board
Meeting Minutes
April 12, 2023

The meeting was called to order by Dr. Na Li at 6:00 p.m. EST.

A motion to approve the Baker College Mission and CoIT Mission was made, seconded, and unanimously approved.

The minutes from the October 19, 2022 meeting were approved.

Dr. Na Li provided a College of Information Technology update to the advisory board, including the retirement of two key employees. The new President and Provost were mentioned, along with the two new VP's for the college.

Another initiative is the tuition freeze and the availability of scholarships. There is free housing on certain campus for first year students. To remain financially fluid, the cap for class sizes is increasing from 15 to 30 starting Fall 2023. The 2024-2025 continuous improvement plan was mentioned.

Ed Bissett provided program updates, including reinitializing the ACM chapter and hiring two full time faculty members for on campus at OW and RO. Dr. Jess Schwartz discussed implementing new group work in C++ to meet program objectives, including ethics and legal ramifications. We are improving curriculum, where we have moved to python for the two data structures and algorithms classes as well as moving the python course to zybooks. Hackathons were mentioned in which Mark Miner and Dr. Nixon have ideas about upcoming hackathons that may be useful for the cyberdefense team as it will be held in SE MI in November 2023.

ISC2 was mentioned (in which they have certifications) and this will be considered along with SIEM such as Splunk and MS Sentinel. We should move away from TestOut as that is not seen as a good industry certification. However, CompTIA has bought out TestOut so this mentality may change in the future. Jasper AI and ChatGPT were discussed in detail and how they can be valuable tools that we should embrace in our courses.

Another area that was discussed was Cyberpatriot for Recruitment sponsored by the Airforce. Students can be mentors to K12 students and offer tutoring. This can help with internships.

Discussions:

- Internships:



- A large discussion of internships were discussed. Ed Bissett reached out to some individuals regarding internships. Those that mentioned availability of internships included Allen M., Randy G., Joe L., Nika Z., Mark M., and Nick G.
- Project Management:
 - We have a minor under the IS program. We are considering adding a PM program to CoB or CoIT. For the industry, we need to see more short term project implementations. Some project opportunities include implementing a small problem where students have to implement solutions where a student in the group may be given a handicap for the project, where that is an obstacle to success. This relates to real-world projects and group work.
- Skills:
 - We need to include activities and engagement with students around different skillsets such as: soft skills, critical thinking, AI, data analytics, solutioning, problem solving, and user experience. It was discussed that we need to teach students how to be a great employee. We also discussed entrepreneurship for students.
- Human-Computer Interaction/User Experience/Interface Design:
 - This is a key area in IT. We need to ensure technology and business can talk. Probably Human-Computer Interaction/User Experience/Interface Design could be a good new concentration or certificate.
- AI:
 - We are in a world where AI adoption is evident and by embracing AI tools, Baker College can be on the cutting edge. We rely on AI, and will continue to just as we rely on calculators and Google. Teaching ethics, technical writing, and generative AI is imperative. We had a discussion of utilizing ChatGPT and how we also need to consider the ethical aspects of that but by educating students, we can help them become more productive. Jasper AI was also discussed.
- Cyberspace:
 - We talked briefly about cyberspace, data privacy, response planning, and incident response. We should consider partnering with Baker's IT department to allow students to implement internal tools to learn and engage, where the College can provide support.
- ISC2:
 - This is something we need to consider going forward along with SIEM (Splunk and MS Sentinel). These aspects were brought up during October 2022 meeting as well.
- Cyber Patriot
 - College students may serve as mentors of Cyber Patriot in local high schools.
- Hackathons:
 - Dr. Nixon has information about a great hackathon for Baker College to participate in.



- Important links shared:
 - https://www.youtube.com/watch?app=desktop&v=L_Guz73e6fw
 - https://emaggiori.com/employed-in-tech-for-years-but-almost-never-worked/?utm_source=tldrnewsletter
 - https://www.higheredjobs.com/Articles/articleDisplay.cfm?ID=3405&utm_source=04_1_2_2023&utm_medium=email&utm_campaign=InsiderUpdate&utm_content=1&VersID=1&SchedVersID=174
 - <https://fathom.video/>
 - <https://www.jasper.ai/>

The meeting was adjourned at 7:21p ET.