Faculty Development Week

January 25-31, 2022
Tuesday, January 25, 2022

**Faculty Self-Care During Times of Stress and Change 10:00-11:00**
Cindy Cook, Executive Director of Counseling, Health and Career Services
Jason Boothe, Associate Director and Clinical Director of Counseling Services

This discussion will focus on increasing awareness of the ways stress and change can impact faculty mental well-being. Self-care will be discussed from both individuals and systemic lenses, with attention to utilizing self-care strategies to prevent burnout and maintain mental health.

**Let’s Not Forget the COACHE Survey 12:00-1:00**
Lory Santiago-Vázquez, Program Chair and Associate Professor of Biology & Biotechnology

UHCL faculty completed a second COACHE Faculty Job Satisfaction Survey in Spring 2020. A college-wide committee formed by 2 faculty members from each College and members of the Provost office discussed the most important findings in a series of presentations to the faculty. After the Provost left, a group of faculty joined the COACHE community of practice to continue the work. Our goal is to create a set of short presentations and infographics to highlight the main findings. These will be shared with senior leadership in order to make the data actionable and impactful.

*Note: Pick-up for those who requested lunch begins at 11:30 in B1604*

**Ideas and Resources for Utilizing Office 365 1:30-2:30**

* A Blackboard Module to Train Students on Excel
  Jordan Mitchell, Associate Professor of Healthcare Administration

  Many businesses require students to know Microsoft Excel. Dr. Mitchell will describe a Blackboard module he created for students to be trained in Excel leading to the MS-200 Excel Certification.

* Utilization of Office 365 for a Connected Classroom
  Daniel Imrecke, Associate Professor of Geology & Environmental Science

  Faculty now have access to numerous Office 365 programs including OneNote, Sway, and Teams. Dr. Imrecke describes why and how he’s successfully used these three products in his courses.

Wednesday, January 26, 2022

**Dipping a Toe into Open Educational Resources 10:00-11:00**
Linsey Ford, Neumann Library Research & Instruction Librarian
Open Educational Resources (OER) are materials instructors can use, and often modify, for their classes without copyright concerns. In this session, we will examine why OER may be useful, some common OER sites, and take some time to find OER material for our courses.

Thursday, January 27, 2022

**Instructional Innovation Presentations 10:00-11:00**

**How the 80's Tried to Save a Pandemic Response Classroom**
Nick Kelling, Associate Professor of Psychology

The pandemic created a challenge to meet course goals despite the shift to online instruction and students’ altered lives. I wanted to determine if there was an impact on student engagement and performance if a course’s online lectures were designed to maximize engagement using advanced cinematography and humor in a format similar to popular YouTube educational series.

**MicroCURE – A Course-based Research Experience in Microbiology**
Michael LaMontagne, Assistant Professor of Microbiology
Caroline Kmiecik, Student, College of Science & Engineering

Undergraduate research experiences improve retention and outcomes; however, most students graduate Biology programs without any authentic research experience. To address this, we replaced traditional “cookbook” microbiology teaching laboratory exercises with a course-based undergraduate research experience (Micro-CURE). Students in Micro-CURE use advanced cultivation techniques and matrix assisted laser desorption– time of flight mass spectrometry (MALDI-TOF MS) analysis to identify hundreds of bacteria they isolate from various environmental and host-associated samples. This CURE has provided dozens of students the opportunity to present their research at scientific meetings and introduced them to molecular and bioinformatics techniques early in their degree plan.

**Project-centric Learning with OpenIC**
Xiaokun Yang, Assistant Professor of Computer Engineering

Providing students opportunities to engage with industry-relevant projects is a big challenge. To overcome the obstacles, I created an open-source platform, OpenIC for experiments, labs, and projects to match key qualifications of industry needs. By conducting a project-centric learning (PCL) with OpenIC, students are offered practical opportunities to learn and apply knowledge and skills tied to college and career readiness.

**UHCL Workgroups Focusing on Diversity, Equity, and Inclusion 12:00-12:50**
Aliya Beavers, Director, Student Diversity, Equity and Inclusion
Kevin Wooten, Chief Strategy Officer
Reginald Jones, Senior Coordinator, Alumni Engagement
Amy Lucas, Department Chair of Social & Cultural Sciences and Associate Professor of Sociology
Anne Gessler, Clinical Associate Professor of First-Year Seminar and Humanities

Increasing Value of Diversity and Inclusion along with Improving Campus Diversity are two objectives listed in the UHCL Strategic Plan. Beyond established offices that focus on diversity, equity, and inclusion issues, there are several workgroups that are focusing their efforts on DEI issues. We will hear from the following workgroups: Houston-Guided Pathways to Success, Race-Ethnicity Inclusion, and Anti-Racist Faculty.

Note: Pick-up for those who requested lunch begins at 11:30 in B1604

**Instructional Design & Technology: Maximizing Opportunities for ID & Faculty Collaboration 2:00-2:50**
Henry Newkirk, Instructional Designer II

OIT's Instructional Designers (IDs) invite all faculty to learn more about options for collaborating to enhance teaching and learning via effective instructional design and educational technology. The IDs work with faculty regardless of course delivery modes (not just for 100% online courses). In this session, Henry will review the course development process for online classes, describe examples of previous projects and options for non-online/partially online instruction, and seek participant input regarding your emerging instructional design/technology needs and interests.

**Adjunct Faculty Meet-up 7:30-8:30**

All UHCL Adjuncts are welcome to this community-building session. We will have an open discussion on your successes, your questions, and your needs as an instructor at UHCL.

**Friday, January 28, 2022**

**Understanding Interactive Syllabi 10:00-11:00**
Jane Nguyen, Instructional Designer I

Since time immemorial, students have griped about having to engage with the multi-page verbosity of them while professors have dreaded the time-consuming writing or updating of them. In this presentation, Jane introduces the option of an interactive syllabus for your consideration. A vital aspect of an interactive syllabus is that it frequently asks students to DO something. This is different from a traditional syllabus which simply asks students to read the text and know the information.
Event Schedule

**Preview: Quality Matters (QM) – A New Option for Online Courses** 11:00-11:50
Jennifer Willis-Opalenik, Director/Technology Learning Services

Beginning later in 2022, faculty members who own online-approved Blackboard courses will have the option of revisiting their current courses and revising them to meet the rigorous standards of Quality Matters (QM). The introduction of QM at UHCL is not intended to replace our existing Minimum Standards Review checklist. Instead, QM will be an alternative to existing minimum standards for faculty interested in pursuing QM certification for their new or existing online courses.

**To Improve the Academy Presentations** 1:00-2:00

**The relationship between faculty diversity and graduation rates in higher education**
Carol Carman, Professor of Education
Rebecca Stout, former student, College of Education
Cephas Archie, former student, College of Education
David A. Cross, former student, College of Education

This study examines the relationship between faculty racial/ethnic diversity and graduation rates of undergraduate students, in particular those from underrepresented racial and ethnic minority populations. Findings suggest U.S. faculty diversity is lower than in the U.S. national population. Overall graduation rates for underrepresented minority students of all races/ethnicities are positively related to increased diversity of their faculty.

**A Multi-Faceted and Practical Analysis of Online Courses at UHCL**
Nicholas Kelling, Associate Professor of Psychology
Angela Kelling, Assistant Professor of Psychology

Online courses are ubiquitous, but the research findings on student learning outcomes and opinions of these courses are mixed. Therefore, this research comprehensively investigated pre-pandemic online courses at UHCL by analyzing them from the perspective of both user groups, students who consume the courses and faculty who deliver the courses. Face-to-face courses tended to be favored in terms of both student performance measures and faculty and student opinions; however, the advantages of online courses resulted in equality in terms of student preference to take and faculty effort to teach these.

**Increasing chemistry students’ knowledge, confidence, and conceptual understanding of pH using a collaborative computer pH simulation**
Anton Dubrovskiy, Program Chair and Associate Professor of Chemistry
Michelle Peters, Department Chair of Educational Leadership & Policy and Professor of Research & Statistics
The purpose of this quasi-experimental non-equivalent pretest posttest control group research was to determine whether or not the use of a collaborative pH computer simulation has an impact on the knowledge, confidence, and conceptual understanding of fundamental pH concepts for undergraduate Chemistry II students. Results indicated higher pH knowledge, pH confidence, and pH conceptual understanding among those students who had completed the collaborative computer simulation modules instead of the alternative traditional classroom assignments.

**School's CPA review course affiliations and success on the uniform CPA examination**

Haeyoung Shin, Associate Professor of Accounting  
Michael Lacina, Department Chair and Professor of Accounting  
Shanshan Pan, Associate Professor of Accounting

We have examined the effects of accounting programs and university-affiliated CPA review courses on CPA exam passing rates. We find that, compared to not offering an affiliated CPA exam review, accounting programs that offer a non-credit CPA review course have higher CPA exam passing rates. However, providing a for-credit CPA review course is not associated with higher passing rates. The results indicate that CPA exam preparation is best accomplished with a complementary approach – regular coursework supplemented by a CPA exam review coverage. Our findings can help determine whether, and in what form, accounting programs should affiliate with a CPA review course.

**Discussion of Asynchronous Presentations 2:00-3:00**

The following are asynchronous presentations and are available throughout Faculty Development Week through listed video links. This session will allow for open-ended discussion with the presenters on their video.

**Engaging Students Beyond the Classroom - Video link**

Soma Datta, Program Chair of Pre-Engineering and Associate Professor of Software Engineering

When the pandemic hit, and I could not teach using classroom games, I switched to experiential learning. Giving students real-life software development has engaged them in creating groups and sub-groups beyond the classroom to complete the software. Last semester, I used both games and experiential learning to relate to their role in developing software. The class was entirely present, and online students requested that I do a zoom to let them participate.

**Faculty-Librarian Collaboration: An underutilized UHCL resource helping students navigate an ocean of information - Video link** (Passcode: 0&9TrP4k)

Leslie Gauna, Assistant Professor of Studies in Language and Culture  
Neeta Jambhekar, Coordinator, Pearland Library
A UHCL librarian is a great ally in supporting faculty with assignments that require students to access academic resources. As a result of a librarian-faculty collaboration, we showcase the benefits of librarian presentations tailored for different assignment needs, the creation of course guides, and “shortcuts” to facilitate student search of research. We share student feedback to corroborate this successful collaboration. We include ongoing areas of continuous improvement.

**Time Management Tools for Teachers - [Video link]**
Mary Hedengren, Lecturer of Writing

It’s hard for college instructors to find time for everything: grading, research, service and more. In this presentation I demonstrate the use of two “timers” that can help you be more productive and prioritize what matters most.

**Automate daily PC simple tasks with robotic process automation - [Video link]**
Xiaojun “Gene” Shan, Assistant Professor of Engineering Management

UIPath as a robotic process automation tool is demonstrated to automate simple PCs tasks such as clicking and web scraping. In the video, the first task is to download class rosters from UHCL eservice and gather students’ email addresses. The second task is to automatically update assignment due dates in assignments’ titles.

**Aligning your goals with your time management - [Video link]**
Laura Guerrero, Assistant Professor of Management

Projects that contribute to our major goals and objectives should take more time than less important tasks like managing emails. One way to achieve this is to strategic plan our time ahead of time. This video shows you how to plan your time, one week at a time, to focus on achieving your major career goals.

**5 Steps to Planning Your Semester - [Video link]**
Robert A. Bartsch, Program Director, Center for Faculty Development

Based on information from the National Center for Faculty Development & Diversity, I present five steps to help plan one's semester to help faculty concentrate on their most important priorities and not get overburdened midway through the semester.

**Monday, January 31, 2022**

**Student Panel; When Do I Feel Welcomed? 10:00-11:00**
Joseph Nguyen, Student, College of Education
Jared Williams, Student College of Business
Kaia Flowers, Student, College of Human Sciences & Humanities

Students feeling welcomed in a classroom can lead to improved engagement and performance. With this student panel we will discuss how students are motivated by a welcoming class, what actions a faculty member may take and what actions a faculty member should avoid to help make class more welcoming to students.

**Where are we with the QEP? 12:00-1:00**

Kathy Matthew, Associate Vice President, Academic Affairs  
Renee Lastrapes, SACSCOC Faculty Fellow and Associate Professor of Education  
Leroy Robinson, QEP Faculty Fellow and Associate Professor of Marketing

With the 10-year university reaccreditation process, UHCL has to create a Quality Enhancement Plan (QEP) that enhances the quality of higher education and to the proposition that student learning is at the heart of the UHCL mission. The university has just announced the title of our new QEP: *Becoming Aware: Global Engagement at UHCL*. Learn the current status of the QEP and how we plan to implement it in the coming years.

*Note: Pick-up for those who requested lunch begins at 11:30 in B1604*

**Paths of the Professoriate 2:00-3:30**

Sometimes newer faculty do not know what paths are open to them as they develop their careers. This panel of esteemed faculty will describe different paths they have taken as professors at UHCL. They will describe their journey, the challenges they faced, and thoughts for faculty who want to follow a similar path.

- Kathleen Garland, Senior Lecturer of Management  
  Path to Teaching and Research as a Senior Lecturer

- Everette Penn, Professor of Criminology  
  Path to Working and Developing a Community Program

- Sarah Lechago, Associate Professor of Behavior Analysis  
  Path to Creating a Strong Research Program with Students

- Sharon Hall, Professor of Computer Science and Computer Information Systems  
  Path to Giving to the University through Service
Thank you for attending!

Special Thank You to:

Claudia Box, CETL Student Assistant
Joseph Nguyen, CETL Student Assistant
Jared Williams, CETL Student Assistant

CFD Advisory Board
Carol Carman
Neal Dugre
Leslie Gauna
Angela Kelling
Ivelina Pavlova-Stout
Lory Santiago-Vázquez
Donna Stringer
Walter Thompson

All Our Presenters

All Our Attendees

Sincerely,
Robert Bartsch & Veronica Ortiz
Center for Faculty Development

(281) 283-3290
facultydevelopment@uhcl.edu
Bayou Building 1604