11th ANNUAL SLO SYMPOSIUM 2024

Welcome,

The California Outcomes Assessment Coordinators' Hub (COACHes) warmly welcomes you to join us for the 11th Annual SLO Symposium 2024. Throughout the years, this event has served as a platform for community college and higher education professionals to come together, sharing insights and best practices aimed at supporting students in their learning journey. The primary focus of these gatherings has been on cultivating exceptional educational environments that emphasize skill and competency attainment.

We are thrilled to sustain this tradition for the 11th year on January 26th and 27th, 2024, getting together with colleagues from California Community Colleges and various higher education institutions, both within the state and beyond. The theme for this year's symposium is "Relevant and Equitable Learning," featuring a diverse array of breakout sessions, panel discussions, as well as keynote and plenary speakers.

Our goal is for the engaging discussions to serve as a source of inspiration, motivating us to embrace a student-centered and equity-minded approach to teaching and learning. Together, we aspire to become catalysts for transformation within our respective institutions and organizations. Our collective efforts aim at fostering enduring and impactful systemic changes in higher education. By concentrating on student learning, we endeavor to create positive effects that resonate in the lives of students and society as a whole.

- If you haven't already registered, please follow this link to reserve your spot at the 11th Annual SLO Symposium.
- The Symposium is held on Zoom Events and is free of charge.

With that, we extend our best wishes for a memorable and meaningful SLO Symposium 2024.

Collegially Yours,
COACHes

SCHEDULE OF EVENTS

Friday, January 26th, 2024

All events are Pacific Standard Time Zone

8:00 am Welcome and Introductions (main room)

Dr. Ghada Al-Masri, Fresno City College
Dr. Jarek Janio, Santa Ana College
Enrique Jauregui, Fresno City College
Amanda Taintor, Reedley College

8:15 – 9:45am Keynote Speaker (main room)

SPEAKER:

Dr. Corbin M. Campbell, Acting Dean/Professor, American University

Dr. Campbell is acting Co-Dean and Professor in the School of Education and has served on several editorial boards including Review of Higher Education and Review of Educational Research. In 2015, Dr. Campbell was awarded the National Academy of Education/Spencer Postdoctoral Fellowship. She also served on a committee of the National Academies to assess interpersonal and intrapersonal competencies in college and a committee of the National Center for Education Statistics, revising the national postsecondary sample surveys.

MODERATORS:

Dr. Jarek Janio, Santa Ana College
Amanda Taintor, Reedley College

SLO SYMPOSIUM 2024 BREAKOUT SESSIONS

Breakout Session # 1
10:00am – 11:00am

1. Presenter(s): Nathan Franklin, Daniel Vecchio, Jan Espinoza, Julia Wendt, Victor Valley College

Leveraging AI to Improve Student Learning at Scale

Presentation category: **Assessment**

Natasha Jankowski's most recently coauthored text on assessment, Improving Student Learning at Scale, is interesting and relevant to our current strategy to build a culture of assessment at VVC. The authors have identified an ontological gap between sound and valid--equitable--assessment methods

and improving student learning at scale. The authors argue that good assessment methods are necessary conditions for improvement but not a sufficient one. In short, good assessment practices are necessary to conceptualize the radical contingency of student learning itself. More radically and poignantly, sound, and valid assessment methods don't guarantee the improvement in student learning. So, one way to come to terms with this contingency then is to view and to think about the improvement of student learning at scale. The beautiful irony is that we will need AI to do so. This presentation aims to explore how we can embrace this radical contingency of student learning and effectively address it using Artificial Intelligence (AI) as a strategic tool. The goal of our session is to examine the extent to which AI can bridge the gap between sound assessment practices and the actual improvement of student learning at a scale.

This presentation looks at assessment techniques strictly from an equity-minded perspective, it's at the center of our approach.

2. Presenter(s): **T. Parish Akin,** Southwest Tennessee Community College

AI College Writing Exploration

Presentation category: **Equity**

This breakout session focuses on a first-semester Composition II pilot program that explores the use of AI in college writing. The course involves learning about various AI applications, particularly ChatGPT, and its effectiveness in brainstorming. The session will cover setting up prompts for targeted writing outcomes and testing if ChatGPT can outline different modes of essay writing.

Throughout the semester, students will explore various writing modes and the required elements for each paper type. ChatGPT will be used to generate papers complete with quotes and a works cited page. The responsibility lies with students to edit these papers, verify the accuracy of facts, quotes, and the works cited page. A questionnaire has been developed to assist in editing AI-generated papers, which may be revised over the course of the semester. Students will manually edit the papers and assess their suitability for college-level work.

The session also reflects on the integration of tools like Grammarly in writing education. The argument is made for embracing AI in writing, teaching students to effectively manage such tools, and understanding both their strengths and limitations. The goal is to equip students with advanced writing technology skills, ensuring they are not only on par with their peers but also potential leaders in this evolving field.

3. Presenter(s): Peggy Rosario, Gwynedd Mercy University,

Using Universal Design for Learning to Enable Students to Actualize Their Own Learning Outcomes

Presentation category: **Assessment**

In the final project for the Ireland residency course, Universal Design for Learning (UDL) principles were employed, offering students various options in covering topics and presenting their learning. This session will detail the course structure and modifications made to the course project. By

showcasing examples from student projects, the session will demonstrate the advantages of using UDL in transforming the final project, allowing students to uncover significant personal learning outcomes.

Key outcomes of this session include:

- Understanding the application of UDL in enhancing student learning.
- Observing how students actualized their learning through UDL-assisted assessments.
- Recognizing the importance of students expressing their personal learning outcomes.

Regarding student equity, this presentation underscores the role of UDL as a crucial method in educational strategies. UDL supports equity by enabling all students to learn effectively. Additionally, the strategies discussed in this session are directly linked to students learning about and understanding equity.

4. Presenter(s): Christina Agvent, CSU Global/Trifecta Education, LLC

Future-proof Learning: Building AI Literacy through Competency-based Education

Presentation category: **Competency-Based Education**

This session will explore implementing competency-based education (CBE) for AI literacy in higher education, offering strategies to integrate AI competencies into current CBE models or develop new, tailored frameworks. Key competencies such as data analysis, algorithmic understanding, and AI ethics will be discussed, alongside curriculum design, assessment methods, and pedagogical practices suited to CBE. The focus will also be on adapting these approaches to diverse learning environments to promote equity and inclusivity in AI education. Participants will learn to embed AI literacy in their curricula, equipping students for an AI-driven workforce.

The session emphasizes equity in AI education by tailoring the CBE approach to diverse educational needs. It ensures universal access to vital AI skills, irrespective of students' backgrounds, and discusses inclusive curriculum and assessment strategies. This approach aims to make AI education accessible, relevant, and empowering, thus bridging learning gaps and fostering equitable outcomes.

This breakout session will also address how a competency-based approach can effectively assess AI skills within existing curricula. It will explore integrating AI literacy into higher education, enabling students to be evaluated on both AI concepts and traditional academic outcomes. Methods for incorporating AI competencies into current curriculum frameworks will be discussed, ensuring assessments are relevant and reflective of modern workforce demands. This approach enriches the curriculum and aligns educational goals with the evolving professional landscape.

5. Presenter(s): Paul J. Antonellis, Jr., Ed.D., Endicott College

Enhancing Academic Quality and Equity: Guidelines for Effective External Program Reviews

Presentation category: **Program Review and/or Resource Allocation**

This presentation will cover the establishment of consistent guidelines for external program reviews, highlighting the steps taken, challenges encountered, and future recommendations. External program

reviews are crucial for maintaining the quality and relevance of academic programs, evaluating student learning, and aiding in institutional planning, budgeting, decision-making, and meeting accreditation requirements. The program will focus on aligning and timing these reviews for faculty, administration, stakeholders, and reviewers. Key aspects include preparing self-study reports and the responsibilities of reviewers in conducting evaluations and writing final reports. The content draws from a case study, outlining a standardized roadmap for conducting external reviews. Additionally, the presentation will discuss how other institutions can adopt these guidelines and will include brainstorming sessions for enhancing them.

In relation to student equity, external program reviews play a vital role. They involve students, faculty, and administration in identifying program strengths and weaknesses, focusing on Diversity, Equity, Inclusion, and Belonging (DEIB). These reviews offer external perspectives for enhancing student learning.

Regarding the impact of artificial intelligence (AI) on student learning assessment, the presentation will explore how external reviewers assess the integration of AI within programs, focusing on improvements and ethical use. This external evaluation ensures critical scrutiny for program enhancement.

6. Presenter(s): Brandy M. Jenner, UCLA

Bloom's Taxonomy in the ChatGPT Era

Presentation category: **Assessment**

This presentation opens dialogue about how we use Bloom's Taxonomy in crafting SLOs in the new era of generative AI technology. As "creation" or "generation" becomes easier and quicker with the help of technology, we must examine our courses and ask ourselves what is important for our students to be able to do at the end of their time with us. I propose that questioning and discernment are at the heart of what our students need to be able to do in this new era. As Bloom's Taxonomy has been revised, the focus has shifted away from evaluation to creation, however in the generative AI era, a revisiting of this may prove fruitful. This presentation highlights verbs at multiple levels of Bloom's Taxonomy that relate both to human discernment and to helping students craft effective questions.

This presentation relates to equity in a few ways. First, by democratizing access to generative AI and helping all students craft better questions and prompts for this powerful new technology. Second, by shifting from a singular focus on "creation" and recognizing actions at all levels of learning which promote discernment skills, we can help instructors reach a wide array of students and meet them where they are in their learning journey.

This presentation is directly related to the impact of AI on learning – specifically the reexamination of a powerful and ubiquitous heuristic (Bloom's Taxonomy) in light of the capabilities of generative AI and Large Language Models. By reexamining Bloom's Taxonomy this way, we can think about student assessment in a more authentic way that takes into account the world of technology currently available and promotes critical evaluation of learning in light of emerging technologies.

7. Presenter(s): Andrea Niosi, Janey Skinner, Nathan Steele, City College of San Francisco

The META Assessment: Reflecting On and Reimagining One College's SLO Assessment Practices

Presentation category: **SLO assessment data collection and analysis**

Starting in Fall 2021, the SLO Coordinators at City College of San Francisco (CCSF) set course on a "meta-assessment" of the College's SLO assessment practices. After a decade of using one uniform system for assessing and reporting on student learning outcomes, it was time to understand better where and how SLO assessment is helping and where there is room for improvement. META included a formal review of assessment reports and many focused conversations with faculty that highlighted both frustrations with the SLO reporting process and some promising practices. Themes emerged, such as increasing dialogue, improving data, leveraging technology, and reducing opportunity gaps. Presenters will describe the META assessment process, the results of the initial assessments, and the next steps the College is taking to improve its assessment practices, as we aim to make SLO assessment more relevant.

The META assessment review of course-section level reports showed little connection to equity thus revealing a gap in our SLO practices. However, all of the guided conversations that arose out of the META assessment focused on ways to incorporate equity into assessment processes as we move forward. Dialogue around SLO assessment often leads to conversations about equity and opportunity gaps. The College is now looking for ways to tie equity and SLO assessment more seamlessly together.

8. Presenter(s): Victoria Pu, Co-founder & CEO @ Linguistic

Session 1: How can AI transform any content into personalized, interactive learning experiences for English language learners?

Presentation category: **AI and Adult Learners**

Are you teaching English for a specific purpose such as IELCE, career pathways, or IET? Do you use open education resources, leveled readers, or other authentic materials like news articles? This session will cover how Pace AI helps teachers transform any content—from PDFs and training manuals, to authentic news articles and custom text—into an interactive learning experience tailored to different student levels, needs, and pain points.

Pace AI was built by a team of TEFL-certified ESL teachers and AI research scientists and engineers. We spun out of the Allen Institute for AI Research with a mission to help adult English language learners overcome barriers and unlock economic opportunity through English language education.

9. Presenter(s): Dr. Veronica Estrada and Dr. Sean Nufer, Pacific Oaks College and The Community Solution Education System

Revolutionizing Canvas using AI tools to enhance English Language Learning and Emotional Intelligence skills

Presentation category: **Canvas**

Envision a classroom revolutionized by AI, where each student's learning experience is uniquely crafted. This session unveils groundbreaking AI tools that transform language education, while emphasizing the importance of building emotional intelligence skills. Explore how adaptive assessments, personalized AI feedback, and interactive exercises are tailored to individual learning paths. We'll discuss the crucial role of incorporating emotional intelligence into curriculum design and assignments to maintain a humanized educational environment, even as technology advances. Join us to understand how AI can enhance teaching methods, student competencies, and foster a balance between technological innovation and emotional connectivity. Embrace a future where education is both innovative and emotionally aware.

10. Presenter(s): Ghazal Qureshi, UpBrainery Technologies – VENDOR

Revolutionizing Learning: AI-powered Equity in Education

Presentation category: **Equity**

In this riveting presentation, discover how cutting-edge AI integration is reshaping the landscape of education. From personalized learning pathways to targeted interventions, witness the power of technology dismantling barriers and fostering inclusivity. We will discuss the heart of the equity imperative, showcasing tangible solutions that empower students across diverse backgrounds. Be prepared to be inspired as we navigate the intersection of innovation and inclusiveness, heralding a new era where every learner has an equal opportunity to thrive in the digital age.

The presentation spotlights AI as the ultimate catalyst for student equity. Imagine a realm where personalized AI algorithms dismantle learning barriers, ensuring each student receives tailored support based on their unique needs and pace. This isn't just about technology; it's about unleashing the potential of every learner. From predictive analytics identifying at-risk students to adaptive content fostering engagement, our presentation unveils a dynamic landscape where equity isn't just a buzzword – it's a tangible reality. Join us on this thrilling ride, where AI isn't just a tool but a champion for student success, leaving no one behind in the pursuit of knowledge. Explore how far the AI coaches can assist students to ensure educational equity.

Explore a realm where traditional grading systems evolve into personalized, data-driven insights. AI-driven assessments are not just about tests; they're a gateway to understanding each student's unique learning journey. Uncover how predictive analytics anticipates learning gaps, allowing for timely interventions, and adaptive assessments tailor content to individual proficiency. Our presentation explores the revolutionary fusion of technology and evaluation, providing a glimpse into an era where AI doesn't just measure knowledge; it elevates the entire learning experience, fostering a more nuanced, equitable, and impactful approach to student assessment.

11. Presenter(s): Mark Svorninic and Natalie Rasmussen, CurriQunet - Vendor

Intelligence in Assessment is Not Always Artificial - Asking The Right Questions. Collecting The Right Data. Drawing The Right Conclusions

Presentation category: **SLO assessment data collection and analysis**

Presentation description: Explore real client examples of deploying currIQūnet META to advance institutional effectiveness – connecting to other systems such as your SIS and LMS, linking course and program data to performance metrics, and intelligently determine the impact of your institution's instructional efforts while identifying the strategies called for an even better tomorrow. We will also explore the fundamentals of artificial intelligence (AI), machine learning (ML), and how to smartly deploy each at your institution.

A student's academic outcomes and performance are influenced by several variables across cultural, economic, and societal lines. By asking the right questions, applying the correct data points, and structuring a process to identify the impact these variables play on academic outcomes and student performance one can better address the needs of diverse learners – improving the number of opportunities for students and addressing the success factors of a much larger audience.

Where technology can play an instrumental role in this effort will be explored. Also, will explore what is AI and ML, what forms these technologies can take on, and how each might play a role in future assessments of student learning.

12. Presenter(s): Jarek Janio, Ph.D. Santa Ana College

Conversations with ChatGPT - Session 1: Ethical Reasoning and AI in Higher Education

Presentation category: **Artificial Intelligence**

This session focuses on developing ethical reasoning skills through the lens of AI. Engage in discussions about AI ethics, bias, and the societal impact of technology, guided by ChatGPT's analytical capabilities. Explore how these discussions can shape critical thinking and ethical decision-making competencies in students and educators. This session will involve the active participation of ChatGPT as a discussion facilitator.

This presentation relates to student equity by fostering an understanding of AI's ethical implications, enhancing critical thinking and ethical reasoning skills, promoting inclusivity, preparing participants for equitable practices in the workforce, highlighting the potential of AI in personalized learning, and equipping educators with the skills to integrate these themes into their teaching.

This breakout session will reflect on the impact of artificial intelligence on the assessment of student learning by providing a critical examination of the ethical, equitable, and practical implications of using AI in educational assessments. It will explore how educators and students can navigate the complexities of AI in education, ensuring that assessments are fair, transparent, and conducive to the actual measurement of student learning.

Breakout Session # 2
11:15am – 12:15pm

13. Presenter(s): Michelle Vogel Trautt, Mary Pape, Davena Burns Peters, Suji Venkataraman, Manuel Velez, Academic Senate for California Community Colleges

Reimaging student learning and assessment with a social justice lens using disaggregated data.

Presentation category: **SLO assessment data collection and analysis**

The 2024 ACCJC Accreditation Standards include a new social justice component because it "recognizes the moral necessity of promoting equity and diversity" through intentional efforts to meet the educational needs of all students. It is essential to understand the meaning of social justice from a holistic perspective. While disaggregated data can serve as an effective "mechanism to initially identify performance gaps," there are many ways to assess social justice through student learning outcomes by using a holistic definition of social justice. At the end of this session, attendees will be able to (1) Walk away with a working definition of social justice in relation to student learning assessment, (2) Walk away with one tool to take back to the classroom, and (3) Have a better understanding of addressing social justice in their self-reports in the Accreditation process.

The ACCJC's Social Justice policy, approved in 2021 reflects their commitment to "dismantle historical and institutional racism and eradicate educational inequities" for our students. Through this session we hope to show how social justice can be implemented in any area or discipline by adapting teaching methodologies and delivery modalities to support diverse student populations. This includes understanding the concept of social justice and its impact on student success, as well as building assignments and assessments with every student in mind. By recognizing that every student comes with varied preparedness, access, and experiences, we can close opportunity gaps and create more focused and meaningful learning experiences for all students. It is also important to equitably support faculty in their quest to reimagine their courses and curriculum to serve all students.

To ensure that AI positively impacts social justice policies in community college SLOs, it is essential to implement AI systems thoughtfully, with a focus on transparency, fairness, and ongoing evaluation to identify and address any unintended consequences or biases. This session will delve into how we can involve diverse stakeholders, including students, in the development and oversight of AI systems in a way that can help mitigate potential negative impacts and promote equitable outcomes.

14. Presenter(s): Debbie Nichols**,** Fresno City College

Using ChatGPT to enhance Competency-Based Education

Presentation category: **Competency-Based Education**

This presentation explores the innovative application of ChatGPT in enhancing Competency-Based Education (CBE). It delves into what ChatGPT is and how it works and then looks at how ChatGPT can assist in the critical aspects of career development, such as crafting effective resumes and setting precise career goals. We'll demonstrate how ChatGPT, with its advanced language capabilities, serves as an exceptional tool for creating standout CVs, tailored to individual needs and

industry requirements. Additionally, the session will cover the strategic use of ChatGPT for goal planning, helping learners articulate and pursue their career objectives effectively. A key focus will be on cultivating critical thinking skills, enabling learners to evaluate the accuracy and utility of the information provided by ChatGPT. This approach ensures that learners not only receive automated assistance but also develop the ability to assess and apply the generated content in real-world scenarios critically.

This presentation on using ChatGPT in education aligns with student equity by demonstrating how AI can provide personalized learning experiences and support. By aiding in resume writing and goal setting, ChatGPT levels the playing field, granting all students access to high-quality resources and the opportunity to develop critical thinking skills. These tools empower underrepresented students, helping bridge the educational achievement gap and promoting a more inclusive learning environment.

The presentation is intrinsically related to the impact of artificial intelligence (AI) on student learning assessment by showcasing ChatGPT's potential to personalize learning and aid in accurate, efficient evaluation. It highlights how AI can facilitate tailored educational pathways and assist educators by automating the grading process, thus allowing them to dedicate more time to critical teaching aspects.

15. Presenter(s): Dr. Ruth Lane, South University

The "I Can't Do Math" Claim: Moving Mathematics Students from a Fixed to a Growth Mindset

Presentation category: **Pedagogy**

This session explores the concept of 'mindset' in mathematics education, examining how beliefs about intellectual ability impact perception and achievement. It's based on research suggesting students who view intelligence as a developable trait often achieve more academically than those who see their abilities as fixed. The focus will be on understanding how this mindset influences both students and instructors, with practical activities aimed at fostering a growth mindset. This approach can lead to positive changes in mathematics learning and beyond. The presentation addresses mindset barriers and emphasizes that all students, regardless of past experiences, can succeed in mathematics. It highlights the need for educational support that reassures students about their potential for success in math.

Regarding artificial intelligence (AI), the session will explore its use in mathematics education. AI can streamline complex calculations, freeing time for application and logical reasoning in real-world scenarios. The session will discuss responsible AI usage and its potential to increase student engagement and enhance the learning experience. This aligns with the growth mindset, encouraging both students and instructors to learn about AI, responsibly apply it, and tackle challenging problems.

16. Presenter(s): Bryan Lee**,** Fresno City College

Competency Based Education (CBE): Converting Mastery into Credit Earned

Presentation category: **Competency-Based Education**

In California, 6.8 million individuals aged 25-54 hold only a high school diploma, with over half belonging to underrepresented communities of color. These individuals, having entered the workforce immediately after high school, often due to financial necessity, have gained valuable experience and skills in their jobs. However, their career advancement is often hindered by the lack of postsecondary degrees and certificates.

Competency Based Education (CBE) in the California Community College system presents a solution for these adult learners. It recognizes their existing skills and provides the resources and flexibility needed to master new skills while managing their busy lives. CBE differs from the traditional credit hour system; it varies in time commitment based on the competencies students bring to the course, while maintaining a high standard of learning outcome.

This interactive discussion will examine the role of CBE in bridging the equity gap for working adults, many from underrepresented groups. These learners have already demonstrated mastery through practical experience and can benefit from CBE's recognition of their skills in relation to course outcomes, coupled with the necessary scheduling flexibility.

CBE's approach ensures consistent learning outcomes, irrespective of the time taken. Artificial intelligence can significantly support CBE learners in mastering and demonstrating competencies, offering personalized feedback, and enhancing communication and collaboration.

However, it's also important to note that effective CBE programs incorporate performance-based, criterion-referenced, and authentic summative assessments. These assessments require a level of mastery that goes beyond what AI can replicate, ensuring the integrity and rigor of the CBE framework.

17. Presenter(s): Sierra Adare-Tasiwoopa api, Nevada State University

Escaping AI with Canvas Mastery Paths for Inclusive, Personalized Learning

Presentation category: **Canvas**

Chan and Hu (2023) posit that students obtain AI literacy through learning how generative AI works, recognizing the advantages it offers, and, more importantly, comprehending the disadvantages. Boettcher and Conrad (2021) posit that instructors should encourage options and personalized, scaffolded learning to better engage diverse learners. Escape rooms provide an innovative way to foster that engagement, as well as enhancing critical thinking and leadership skills, and motivating students to apply learning to solve problems (Smith & Paul, 2020). Canvas Mastery Paths supplies educators with the perfect tool to combine these into a distinctive learning experience that showcase students' understanding of concepts and the ability to implement them. This presentation will demonstrate how to use Mastery Paths to set up adaptive pathways within an escape room.

Tsai et al. (2020) notes that one-size-fits-all education does not embrace the full spectrum of students' learning stages or their cultural and scholastic backgrounds. Generative AI can challenge

students to examine embedded biases and develop ethical and equitable solutions (Dogru et al., 2023). Canvas Mastery Paths allows instructors to customize pathways to provide relevant, just-in-time support to optimize all students' opportunity to gain knowledge through their choices, take responsibility for their learning, learn from setbacks, work with others in adjusting strategies, and, ultimately, successfully emerging from the escape room with expanded and enriched perspectives on diversity.

The purpose of the escape room detailed in this presentation is to raise students' awareness of the positives and negatives of generative AI through the choices learners make in a safe environment. Students' self-assessment of the generative AI situation, coupled with applying prior and current knowledge, can lead students to becoming the better strategic planners and open-minded decision-makers needed as we move forward in a generative AI-human integrated world.

18. Presenter(s): Nathan Franklin, Daniel Vecchio, Julia Wendt, Jan Espinoza, Victor Valley College

Well, I won't do THAT again: How assessment is helping to find better ways to address the use of AI in the classroom

Presentation category: **SLO assessment data collection and analysis**

When the Artificial Intelligence system, ChatGPT, was launched in November 2022, it significantly impacted the world of academia. Headlines in news articles and magazines raised questions such as: "Will the College Essay Survive ChatGPT?", "Is ChatGPT the End of Trust?", and "ChatGPT Means the End of College." Despite varied predictions about the role of ChatGPT and AI systems in the classroom – ranging from dystopian outcomes to improvements in higher education or a mix of both – there is a consensus that these systems have markedly transformed higher education, presenting new challenges and opportunities for faculty and students.

The presentation aims to provide evidence of how assessment has offered insights for enhancing assignments and pedagogy to effectively incorporate ChatGPT in classroom settings. It addresses the crucial question: With numerous methods available to ensure student learning outcomes, which are the most effective? This exploration delves into various options and their implications.

Furthermore, each assessment technique presented is approached with an equity-minded perspective. The discussion on every tool and strategy begins with a focus on equity, ensuring that the adaptation to AI tools like ChatGPT in education is inclusive and considers the diverse needs of all students.

19. Presenter(s): Angela deDios and Torri Draganov, Cypress College

The Course Redesign - Inclusive and equitable teaching practices professional development for faculty

Presentation category: **Equity**

The Course Redesign (CoRe) is a professional development workshop for instructors at Cypress College that discusses student-centered, equity-based, inclusive teaching practices. It is a three-week program consisting of both asynchronous Canvas material and synchronous zoom sessions twice a

week. CoRe started in Winter 2022 and has graduated four cohorts of faculty members (totalling 90 faculty members). Data collected in Spring 2023 showed a correlation between student grades and a sense of belonging, a sense of trust in their instructor, and demystification of course expectations. In addition, students with professors who had completed CoRe felt significantly higher levels of belonging, trust, and demystification compared to students who had professors who had not yet completed CoRe (but were part of the upcoming cohort). This highlights the commitment of Cypress College to cultivating a culture where diversity, equity, and inclusion are valued on campus.

This presents a case study on how professional development for faculty has an impact on student success at a Hispanic serving institution. CoRe includes information on universal design for learning and accessibility (which is particularly important for our neurodiverse students and students with disabilities), culturally responsive pedagogy, the “wise” feedback model (which has been shown to be particularly beneficial to students of color, and becoming a warm demander (which has been shown to be particularly impactful to African American and Latinx students).

CoRe has a unit on the impact of artificial intelligence on higher education with a call for faculty to lean on the equity building blocks to foster a sense of belonging and transparency with students, which makes it less likely for students to use artificial intelligence for academic dishonesty. It also emphasizes the importance of using authentic assessments to motivate students to engage in a meaningful way with the course material.

20. Presenter(s): Victoria Pu, Co-founder & CEO @ Linguistic

Session 2: How can AI help English language learners thrive in healthcare pathways?

Presentation category: **AI and Adult Learners**

This session is for anyone designing healthcare career pathways programs and interested in learning about how AI can augment and supplement their career courses by injecting English language lessons directly into any domain-specific content. Drawing on examples in the healthcare context, the session will delve into how Pace AI bridges the gap between workplace training and English language education by transforming any technical content into English language lessons tailored to different student levels—with an AI that provides translations, Q&A support in their L1, and real-time feedback on skills-based exercises.

Pace AI was built by a team of TEFL-certified ESL teachers and AI research scientists and engineers. We spun out of the Allen Institute for AI Research with a mission to help adult English language learners overcome barriers and unlock economic opportunity through English language education.

21. Presenter(s): Cole Groom, FeedbackFruits

Building Resilient Digital Ecosystems to Support Authentic Assessment

Presentation category: **Assessment**

Presentation description: The rise of generative AI became a catalyst for innovating learning and assessment and prompted institutions to consider more authentic educational approaches that center the learner and skills. Without personalized guidance and competency-oriented learning paths,

students lack the necessary tools to succeed in the job market and become dissatisfied with educational offerings. However, making this shift without contributing to the already significant faculty burnout requires a robust, scalable digital ecosystem that supports real-world activities, comprehensive standards and rubrics, and diversified assessment of performance and progress.

This presentation will introduce best practices and evidence-based strategies from various universities for implementing authentic assessment. It also delves into the adaptation of digital infrastructures to support holistic learning and evaluation, all while alleviating the burden on faculty and meeting students' needs. By addressing key considerations in technology ecosystems and exploring the potential of AI in facilitating learner-centered pedagogical practices, this presentation offers a roadmap for institutions to cultivate sustainable and agile digital infrastructures that fortify faculty and student resilience in the face of evolving educational landscapes.

The presentation discusses the role of pedagogical technology in cultivating student equity and proposes strategies for maintaining a consistently high quality of learning for all diverse learners. Following the Universal Design for Learning framework, it explains how pedagogical technology can be selected to provide students with different means of engagement, representation, action, and expression and proposes solutions for diversified assessment. Furthermore, the presentation emphasizes the importance of intentionally engaging remote and non-traditional learners, by building a digital infrastructure that supports online and hybrid learning as well as in-person.

22. Presenter(s): Ghazal Qureshi, UpBrainery Technologies – VENDOR

Revolutionizing Learning: AI-powered Equity in Education

Presentation category: **Equity**

In this riveting presentation, discover how cutting-edge AI integration is reshaping the landscape of education. From personalized learning pathways to targeted interventions, witness the power of technology dismantling barriers and fostering inclusivity. We will discuss the heart of the equity imperative, showcasing tangible solutions that empower students across diverse backgrounds. Be prepared to be inspired as we navigate the intersection of innovation and inclusiveness, heralding a new era where every learner has an equal opportunity to thrive in the digital age.

The presentation spotlights AI as the ultimate catalyst for student equity. Imagine a realm where personalized AI algorithms dismantle learning barriers, ensuring each student receives tailored support based on their unique needs and pace. This isn't just about technology; it's about unleashing the potential of every learner. From predictive analytics identifying at-risk students to adaptive content fostering engagement, our presentation unveils a dynamic landscape where equity isn't just a buzzword – it's a tangible reality. Join us on this thrilling ride, where AI isn't just a tool but a champion for student success, leaving no one behind in the pursuit of knowledge. Explore how far the AI coaches can assist students to ensure educational equity.

Explore a realm where traditional grading systems evolve into personalized, data-driven insights. AI-driven assessments are not just about tests; they're a gateway to understanding each student's unique learning journey. Uncover how predictive analytics anticipates learning gaps, allowing for timely interventions, and adaptive assessments tailor content to individual proficiency. Our presentation explores the revolutionary fusion of technology and evaluation, providing a glimpse into

an era where AI doesn't just measure knowledge; it elevates the entire learning experience, fostering a more nuanced, equitable, and impactful approach to student assessment.

23. Presenter(s): Mark Svorninic and Natalie Rasmussen, CurriQunet - Vendor

Intelligence in Assessment is Not Always Artificial - Asking The Right Questions. Collecting The Right Data. Drawing The Right Conclusions

Presentation category: **SLO assessment data collection and analysis**

Presentation description: Explore real client examples of deploying currIQūnet META to advance institutional effectiveness – connecting to other systems such as your SIS and LMS, linking course and program data to performance metrics, and intelligently determine the impact of your institution's instructional efforts while identifying the strategies called for an even better tomorrow. We will also explore the fundamentals of artificial intelligence (AI), machine learning (ML), and how to smartly deploy each at your institution.

A student's academic outcomes and performance are influenced by several variables across cultural, economic, and societal lines. By asking the right questions, applying the correct data points, and structuring a process to identify the impact these variables play on academic outcomes and student performance one can better address the needs of diverse learners – improving the number of opportunities for students and addressing the success factors of a much larger audience.

Where technology can play an instrumental role in this effort will be explored. Also, will explore what is AI and ML, what forms these technologies can take on, and how each might play a role in future assessments of student learning.

24. Presenter(s): Jarek Janio, Ph.D. Santa Ana College

Conversations with ChatGPT - Session 2: AI in Education and Learning

Presentation category: **Artificial Intelligence**

This session will explore the role of AI in education. This session focuses on the integration of AI in learning environments, its potential to personalize education, and the challenges it presents. ChatGPT will contribute by offering educational theories, facilitating debates, and providing examples from theoretical studies.

This session relates to student equity by highlighting how AI can be used to personalize learning, make quality education more accessible, address learning gaps, challenge biases, promote inclusive practices, and equip educators with essential skills. This focus is vital in ensuring that the integration of AI in education contributes positively to the equitable treatment and success of all students.

This session ties into the impact of AI on the assessment of student learning by exploring how AI can personalize and enhance assessment strategies, provide data-driven insights, offer real-time feedback, present new challenges, and prepare both students and educators for a future where AI is an integral part of the educational landscape.

Open Forum Panel Discussion

12:45am – 1:45pm

PANELISTS:

Marty Alvarado, Vice President of Postsecondary Education and Training at Jobs for the Future (JFF).

Dr. Erick Montenegro, Associate Director of the Pell Institute and Director of Evaluation and Impact for the Council for Opportunity in Education (COE).

Bring your questions about assessment of student learning and any other related topic. This is an interactive session with audience participation.

Topics to be discussed:

Trends in Jobs, Training, and the Link Between Higher Education and the Workplace:
The job market is evolving with a focus on digital literacy and technical skills due to global changes, prompting a blend of traditional and practical training that emphasizes skills and micro-credentials, and leading to a closer interconnection between higher education and the workplace through university-industry partnerships for creating relevant, job-ready curricula.

Current and Future Trends in Job Markets:
Automation and AI are transforming job markets by phasing out routine tasks and creating tech and data roles, while the rise of the gig economy, growth in sustainability and green jobs, and the shift towards remote work and digital nomadism are collectively reshaping work cultures and job security dynamics.

The Evolving Role of Higher Education in Job Preparedness:
Higher education is adapting to job market demands by emphasizing the development of soft skills, lifelong learning, and continuous upskilling, while also becoming more flexible and accessible through online platforms to accommodate diverse life commitments.

DISCUSSION MODERATORS:

Dr. Jarek Janio, Santa Ana College
Enrique Jauregui, Fresno City College
Amanda Taintor, Reedley College

Breakout Session # 3
2:00pm – 3:00pm

25. Presenter(s): Daniel S. Pittaway and Dr. Aeron Zentner, Coastline College, Costa Mesa, California

Outcomes and Artificial Intelligence: Considerations Moving Forward in the ChatGPT World

Presentation category: **Artificial Intelligence**

Join this session to learn about the evolution of artificial intelligence and the implications of its impact on higher education, with a specific focus on re-examining student learning outcomes in light of generative content tools such as ChatGPT. Explore the intersection among teaching, learning, and outcome assessment. Practical ideas will be offered about how to move forward in the online and face-to-face classroom within community college settings.

Quality instruction, assessment, and the appropriate acknowledgment of artificial intelligence for both instructors and students is at the heart of equity work because the focus remains student success and student learning. This session will provide a refresher on the fundamentals of equity-minded instruction within the present-day AI environment.

26. Presenter(s): Sylvain Masclin, University of California, Merced

Generative AI in Education: A Perspective on Equity and Access

Presentation category: **Equity**

With the rise of generative AI, a wealth of resources has become available to enhance teaching and learning in academic settings. These include videos, webinars, podcasts, blogs, and peer-reviewed articles that illustrate the benefits of integrating generative AI into education. However, there is a noticeable gap in addressing equity issues related to access and use of these tools.

The implementation of generative AI in educational courses necessitates a strong focus on making it accessible to all students and teaching staff. This presentation will delve into strategies to ensure that everyone, regardless of technological, economic, or knowledge barriers, can harness the full potential of generative AI. The aim is to mitigate existing inequities in educational environments.

The content of this presentation is rooted in the potential disparities that generative AI might introduce or amplify in students' learning experiences. It will initiate discussions on enhancing accessibility and reducing technological disparities. The ultimate goal is to create an equitable learning environment where all students can leverage generative AI for building robust knowledge foundations and achieving academic success.

Furthermore, the presentation will address the perspective of faculty members, exploring ways to train instructors in using generative AI tools for improving course delivery and accurately assessing student learning. By focusing on this aspect, it seeks to bridge the gap between rapidly advancing AI technologies and current educational methodologies, ensuring innovative, fair, and effective assessment of student learning.

27. Presenter(s): Sue Yang, Fresno City College

Collecting Student Feedback to Transform Teaching in Canvas

Presentation category: **Canvas**

Gathering student feedback is an essential tool for fostering inclusion in educational courses. By prioritizing student voices and perspectives, educators can acknowledge and address the diverse needs, experiences, and backgrounds present in the classroom. This session will cover both the research supporting student feedback and practical methods for collecting it within Canvas to enhance teaching practices.

Creating a collaborative and growth-oriented environment contributes to a more inclusive, student-centered learning experience. Regularly seeking and attentively listening to student feedback can lead to significant changes in teaching methods, aligning more closely with the varied requirements of student learning and success.

Moreover, the session will discuss how leveraging technological advancements, such as artificial intelligence, can enhance the interpretation of student feedback. This technology aids in adapting teaching styles and improving the overall educational experience for instructors and students alike.

28. Presenter(s): Dr. Maysa Safi, Southwest Tennessee Community College

Institutional Student Learning Outcomes (ISLOs) Development: Where do we begin?

Presentation category: **Assessment**

The presentation will highlight the journey of the college's executive leadership committee in the development of Institutional Student Learning Outcomes (ISLOs). Over an eight-month period, the committee engaged in a collaborative effort to tailor ISLOs to the specific needs and mission of the community college. It will delve into the competencies identified as essential for student and community success, accompanied by clear definitions to foster a unified understanding across the institution.

Additionally, the presentation will describe the process undertaken to define these competencies and outcomes. It will shed light on the strategies employed to overcome various challenges and effectively utilize resources during the ISLO development. The focus will also be on the initial impact of ISLOs within the college, showcasing the significant changes and benefits that have occurred since their implementation. The narrative will further extend into an overview of future plans and recommendations, emphasizing the importance of continuous evolution and enhancement of ISLOs to align with the dynamic needs of the educational landscape and community. The committee's journey, encompassing the strategies, challenges, and successes, will be a central theme, illustrating "how the work got going."

Developing ISLOs aims to strengthen the culture of assessment within the institution and evaluate these outcomes college-wide. By disaggregating data, the approach seeks to identify and address disparities in student achievement across various demographic groups. This data-driven strategy focuses on promoting equity and implementing targeted actions to close achievement gaps.

29. Presenter(s): Dr. Adrian Rios, Santa Ana College, School of Continuing Education

Education Resiliency

Presentation category: **Equity**

To present my educational journey and how I have learned to overcome adversity within a variety of levels of life and education. Establishing a growth mindset while building on resiliency and developing my personal educational roadmap to success.

How does your presentation relate to student equity? My education will teach educators about the true importance of equity. True establishment of becoming a servant leader.

How is the presentation related to the impact of artificial intelligence on assessment of student learning? It is my understanding that artificial intelligence is growing and having a strong impact on our youth, but a true assessment lies within the mindset of true innate intelligence. Students need to demonstrate all facets of learning within reading, writing, speaking, listening, and thinking by taking it to the next level.

30. Presenter(s): Will Miller, Embry-Riddle Aeronautical University

Harmonizing Learning Outcomes: Bridging Campus Divides

Presentation category: **Assessment**

This session, designed for educators, administrators, and stakeholders, offers a comprehensive look at unifying the learning environment across campuses with distinct cultural identities. It focuses on aligning curricula, assessments, and teaching methodologies while maintaining each campus's unique attributes. Through real-world examples, attendees will see how to overcome challenges and employ collaborative strategies to standardize student learning outcomes.

A central focus of the session is on student equity. It aims to provide all students with uniform educational experiences, regardless of their campus, to address disparities in learning opportunities. Establishing shared learning outcomes is a step towards ensuring equitable access to quality education for every student, fostering inclusivity and breaking down educational barriers.

The presentation also considers the impact of artificial intelligence on student learning assessment. As AI tools become increasingly prevalent in education, aligning learning outcomes is essential for fair and precise assessments. The discussion will cover how AI influences student evaluation, emphasizing the need for consistent metrics in this evolving landscape. The session aims to highlight the synergy between harmonized learning outcomes and AI in transforming assessment methods, contributing to a more equitable and well-informed educational system.

31. Presenter(s): Erin Thomas, Randy Beach, Coastline College, Southwestern College

The First Pancakes: Two Colleges' Journeys Toward Direct Assessment Competency-Based Education

Presentation category: **Competency-Based Education**

The California Community College Chancellor's Office is halfway through year three of the state-wide Competency-Based Education (CBE) Collaborative grant project. You'll hear updates on progress from Coastline College (planning to offer a Management AS) and Southwestern Colleges (planning to offer an AS in Automotive Technology) and their progress in defining operational and curricular components of their respective programs.

By the end of this session, participants will be able to:

* Describe the CO's CBE implementation efforts so far and the remaining plans

* List the key content elements required in a CBE Department of Education Application

* See the various ways in which competencies can be cross walked back to courses

How does your presentation relate to student equity? The instructional modality of direct assessment, competency-based education meets students exactly where they are by offering flexible scheduling, student-directed pacing, contextualized instruction, and an alternative payment model. Lived and learned experience is honored as students may move quickly through competencies that they have already mastered outside of the classroom.

How is the presentation related to the impact of artificial intelligence on assessment of student learning? Assessment of competencies must be, by definition, authentic and in many cases can be contextualized in specific disciplines. Presentations, simulations, and role-play are common assessment techniques in this modality. Using these types of assessments reduces the likelihood of inappropriate reliance on generative artificial intelligence (AI) in student submissions. In some competencies, teaching students how to use generative AI to assist in their writing assignments will help them master skills now expected in the workplace.

32. Presenter(s): Victoria Pu, Co-founder & CEO @ Linguistic

Session 3: How can AI help you tailor ESL lessons for multi-level classes in hybrid and asynchronous learning models?

Presentation category: **AI and Adult Learners**

This session will highlight several key ways that AI can support adult ESL students in overcoming barriers—especially in hybrid and asynchronous learning models—meeting students where they are by providing level appropriate Q&A support through a personal AI tutor (who also knows the student’s L1), generating skills-based exercises that are targeted at each student's level, and giving students the real-time feedback they need to improve at their own pace.

Pace AI was built by a team of TEFL-certified ESL teachers and AI research scientists and engineers. We spun out of the Allen Institute for AI Research with a mission to help adult English language learners overcome barriers and unlock economic opportunity through English language education.

All 3 breakout sessions is the role of AI in providing personalized, real-time feedback that is both context-relevant and level appropriate, to help students get valuable feedback without increasing the burden on teachers. Traditionally, teachers spend significant time, energy, and resources crafting exercises, tailoring them to different student levels and unique pain points, and then delivering and grading each individual exercise; this places a limit on the number of exercises that students can

complete and receive invaluable feedback on. With AI to augment the teacher, students can now get unlimited, personalized, and timely feedback practicing with a judgment-free AI that focuses on formative rather than summative assessments, on helping students get their reps in and adapting to their needs as they learn.

33. Presenter(s): Ghazal Qureshi, UpBrainery Technologies – VENDOR

Revolutionizing Learning: AI-powered Equity in Education

Presentation category: **Equity**

In this riveting presentation, discover how cutting-edge AI integration is reshaping the landscape of education. From personalized learning pathways to targeted interventions, witness the power of technology dismantling barriers and fostering inclusivity. We will discuss the heart of the equity imperative, showcasing tangible solutions that empower students across diverse backgrounds. Be prepared to be inspired as we navigate the intersection of innovation and inclusiveness, heralding a new era where every learner has an equal opportunity to thrive in the digital age.

The presentation spotlights AI as the ultimate catalyst for student equity. Imagine a realm where personalized AI algorithms dismantle learning barriers, ensuring each student receives tailored support based on their unique needs and pace. This isn't just about technology; it's about unleashing the potential of every learner. From predictive analytics identifying at-risk students to adaptive content fostering engagement, our presentation unveils a dynamic landscape where equity isn't just a buzzword – it's a tangible reality. Join us on this thrilling ride, where AI isn't just a tool but a champion for student success, leaving no one behind in the pursuit of knowledge. Explore how far the AI coaches can assist students to ensure educational equity.

Explore a realm where traditional grading systems evolve into personalized, data-driven insights. AI-driven assessments are not just about tests; they're a gateway to understanding each student's unique learning journey. Uncover how predictive analytics anticipates learning gaps, allowing for timely interventions, and adaptive assessments tailor content to individual proficiency. Our presentation explores the revolutionary fusion of technology and evaluation, providing a glimpse into an era where AI doesn't just measure knowledge; it elevates the entire learning experience, fostering a more nuanced, equitable, and impactful approach to student assessment.

34. Presenter(s): Mark Svorninic and Natalie Rasmussen, CurriQunet - Vendor

Intelligence in Assessment is Not Always Artificial - Asking The Right Questions. Collecting The Right Data. Drawing The Right Conclusions

Presentation category: **SLO assessment data collection and analysis**

Presentation description: Explore real client examples of deploying currIQūnet META to advance institutional effectiveness – connecting to other systems such as your SIS and LMS, linking course and program data to performance metrics, and intelligently determine the impact of your institution’s instructional efforts while identifying the strategies called for an even better tomorrow. We will also explore the fundamentals of artificial intelligence (AI), machine learning (ML), and how to smartly deploy each at your institution.

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Where technology can play an instrumental role in this effort will be explored. Also, will explore what is AI and ML, what forms these technologies can take on, and how each might play a role in future assessments of student learning.

35. Presenter(s): Jarek Janio, Ph.D. Santa Ana College

Conversations with ChatGPT - Session 3: Preparing for the AI-Enhanced Workforce

Presentation category: **Artificial Intelligence**

In this session, we will explore how AI is transforming the job market and what this means for higher education. Examine the skills and competencies necessary for students to thrive in an AI-influenced workplace. Through scenario-based discussions facilitated by ChatGPT, explore the intersection of academic learning and practical skill development in the context of AI advancements.

This session relates to equity by addressing the need for equitable preparation for an AI-influenced job market, identifying and bridging skill gaps, promoting inclusive education practices, understanding the differential impacts of AI, incorporating diverse perspectives, empowering educators and policy makers, and fostering critical thinking and ethical reasoning.

This presentation relates to the impact of AI on the assessment of student learning by highlighting the need to align educational assessments with future workforce requirements, exploring AI's role in enhancing learning and assessment methods, preparing students for AI-enabled work environments, addressing ethical considerations, utilizing scenario-based learning, evaluating a broader range of skills, and emphasizing continuous improvement.

Evaluation / Survey (All in Main Room)
3:00pm – 3:15pm

MODERATORS:
Dr. Jarek Janio, Santa Ana College
Enrique Jauregui, Fresno City College
Amanda Taintor, Reedley College

END OF DAY 1

SATURDAY, JANUARY 27TH, 2024

(*All events in main room*)

8:00 – 8:10am Welcome and Introductions

Dr. Ghada Al-Masri, Fresno City College
Dr. Jarek Janio, Santa Ana College
Enrique Jauregui, Fresno City College
Amanda Taintor, Reedley College

8:10 – 9:15am

PLENARY SPEAKER:

Latest on ACCJC Accreditation and New Standards
Gohar Momjian, Vice President at Accrediting Commission for Community and Junior Colleges (ACCJC)

MODERATORS:

Dr. Jarek Janio, Santa Ana College
Bethany Tasaka, San Bernardino Valley College

9:15am – 10:30am

SPEAKER:

Updates from Academic Senate for California Community Colleges (ASCCC).
Manuel Vélez, Vice President of ASCCC, Accreditation Committee Chair

MODERATORS:

Dr. Jarek Janio, Santa Ana College
Bethany Tasaka, San Bernardino Valley College

10:30am – 11:45am

SPEAKERS:

Panel Discussion: SLOs & Beyond -Where do we go from here? Ideas that you can take back and put to use tomorrow.
Lorraine Smith, Dean of Allied Health, Physical Education & Athletics Division, Fresno City College, (Dental Hygiene Faculty: Fred Thomas, Mimi Myers).

MODERATORS:

Dr. Jarek Janio, Santa Ana College
Enrique Jauregui, Fresno City College
Bethany Tasaka, San Bernardino Valley College

11:50am – 12:00 noon

Next Steps for Assessment of Student Learning – SLO Symposium Evaluation Discussion

MODERATORS:

Dr. Jarek Janio, Santa Ana College
Enrique Jauregui, Fresno City College

END OF DAY 2

SEE YOU NEXT YEAR!

Friday, January 24, 2025
Saturday, January 25, 2025

Friday SLO Talk

February 23, 2024
March 1, 8, 15, 22, 2024
April 19, 26, 2024
May 3, 10, 17, 2024

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