Students Craft Meaningful Narratives Using the Latest in Technology

An exciting new course titled “Augmented Reality for Media and Gaming” (CAGD/JOUR/MADT 398) launched this semester. Taught across three departments and two colleges, students use the latest in technology to tell stories using augmented and virtual reality.

According to the course description, this professional skills and technology course teaches students in media, entertainment, and technology fields how to tell stories interactivley using video and computer-generated scenes that subjects experience through virtual and augmented reality. The course focuses squarely on storytelling, not other uses of virtual and augmented reality such as video games. While many of the techniques used in games can also be applied to VR/AR Reality story experiences, an immersive story exists primarily to convey information in a narrative way. This course focuses exclusively on experiential storytelling and ignores the pure “gaming” aspect except where such techniques enhance the story experience.

Working in teams, students in the Departments of Media Arts, Design (MADT), and Technology, Journalism and Public Relations (JOUR), and Computer Animation and Game Development (CAGD) programs tell narrative stories that require use of Oculus Rift, HTC Vive, Daydream, and HoloLens devices. Alumni, donors, and departments provide the devices that are shared amongst the class so each student can experience the differing capabilities.

Jake Hocker, a communication design major, explained that for their final project they will work in groups of three and are supposed to make a virtual tour of campus, so each of them will be in charge of a portion of the campus.

“I like the Oculus Rift more than the HTC Vive because it seems more immersive,” Hocker said.

Jafet Serrato, a journalism major, believes the class will be popular going forward because the virtual reality technology has just recently started to catch on.

“I am most excited to try out the HoloLens because they seem to be the most high tech,” Serrato said.

Students enjoyed the course because it is new and different from any other classes. They also thought the glasses could be useful in training for professions, such as the culinary arts.

According to Department of Journalism and PR Chair Susan Weisinger, the cross-listing experiment and PR with students and faculty from three professional skills-based programs was a lot of fun and a clear success despite not knowing how the team structure would work in the beginning.

“We started the semester with our students basically sitting near students they recognized from their own majors. By the end of the semester they were all talking, laughing, and working together in their multidisciplinary teams,” Weisinger said. “They were incredibly collaborative and productive together.”

In spring 2018, CAGD, JOUR, and MADT will be offering a senior-level special topics course that features a semester-long immersive storytelling project with Sierra Nevada Brewery. In fall 2018, Weisinger said she hopes to again cross-list a multidisciplinary course that explores emerging technologies for media and entertainment.
Adapted Sports Day Celebrates All Abilities

One hundred school-aged child athletes from six surrounding counties attended the 17th annual Adapted Physical Education (APE) Sports Day on the Chico State campus.

The Department of Kinesiology hosted the event in conjunction with the Northern California Adapted Physical Education Consortium. APE Sports Day provides an outlet for individuals with disabilities including physical and sensory disabilities, deaf and hard of hearing, and visual impairments, to interact with other children from the six surrounding counties.

Fifty activity stations including the climbing wall, wheelchair specific sports, skill development games, and many other fun activities make up the sporting atmosphere for the athletes.

APE professors Rebecca Lytle and Marci Pope, with their students, organized the event. “This event provides opportunities for children with physical and sensory disabilities to get together with others that have the same disability type to play a game or sport,” Pope said. “This may be one of the only opportunities for them to meet someone who has a similar condition as themselves since we are surrounded by rural schools. They may have only participated in traditional sports at their school sites, so this gives them an introduction to disability sport and the sport opportunities that are available.”

Students majoring in kinesiology, therapeutic recreation, and exercise physiology work and play with the athletes as part of their coursework.

Blackness in Film: A Video Essay Approach

Storytelling is an art and is consumed and presented in multiple forms: Letter writing, poetry, books, photography, audio recording, and several other mediums. Students enrolled in Media Arts, Design, and Technology course 352, “Media Arts and Identity,” have spent the semester studying African Americans in film and how they are depicted through the decades, and how that is reflected in what was happening during a specific time in history.

From silent films in the early part of the 20th century through the decades, students taking the course watched and discussed the representation of African-Americans in film and society. They studied cultural representation in media, narrative conventions and stereotypes, stylistic elements, industrial practices, and cultural events that have shaped the role and view of African Americans.

“Students get a brief context of what was happening at that time and why,” Lecturer Quinn Winchell said. “What cultural studies? It’s a chronological order in history about race and how it is used.”

Twenty-seven students, working in groups of three, created three-to-four minute videos by taking short segments from films viewed in class to defend a thesis statement. Students make an argument to defend and back it up by using sources. They are required to use multiple films to create fluidity.

Winchell encourages students to be objective in their essays. Groups screened their completed videos at an event on campus in November. Blackness in Film: A Video Essay Approach was free and open to the public.

From the Dean’s Desk,

As we approach the end of the semester and the calendar year, it seems fitting to reflect on our accomplishments and anticipate another exciting year in the College of Communication and Education (CME). As I look back on this past year, I am energized and inspired by the work of our outstanding faculty and the students with and for whom they work.

Our programs and faculty pursued our guiding commitments in impactful, creative, and engaging ways this year. For example, CME’s commitment to enabling access and equity through programs, practices, and curricula that embrace and promote diversity was made manifest in many ways this year. In October, the Department of Kinesiology and their partners, the Northern California Adapted Physical Education Consortium, hosted another successful Adapted Physical Education Sports Day here on our campus, providing students with disabilities from across the North State the opportunity to participate in a full-range of sports activities.

Adapted Physical Education Sports Day is just one way we demonstrate our commitment to ensuring that all students have access to high-quality learning environments. Last month, we hosted an event designed to explore representations of black identity in film as rendered by students’ video essays. The event represented a culminating project for students in Professor Quinn Winchell’s “Media Arts and Identity” course to engage in both the critical analysis of media representations and the theoretically-grounded construction and skilled production of narratives that take up the meaningful and challenging questions of our time.

As you read this issue of Voices, you will learn more about these two exciting events. However, there are just two of the many examples that show how our College is emerging as a campus leader in enabling access and equity. There are many untold stories that are quietly making a difference! Indeed, I am so very happy to report that an anonymous donor recently provided the School of Education with a $200,000 endowment to provide access, support, and resources for students interested in becoming educators but face financial barriers to achieving a teaching credential. That gift is creating opportunities and providing access for students who wouldn’t otherwise have the financial resources to continue their path toward a career in education.

With our committed faculty, students, and donors the year ahead looks bright, indeed! And from all of us in the College of Communication and Education, we wish you happy and healthy new year.

“We hope you enjoy learning more about what’s new in the college. Of course, we would very much like to hear what’s new in your world.”

Angela Trethewey, PhD

Dean
Keynote speaker John Elder Robinson is the only member on the governing board for the International Society for Autism who has autism. Robinson is the New York Times best-selling author of the 2007 memoir “Look Me in the Eye,” detailing his life with undiagnosed Asperger Syndrome and savant abilities, and three other books related to his autism.

Robinson shared stories of his childhood and said he never fit in with other kids his age. He was undiagnosed with autism until he was in his 50s because Asperger's Syndrome didn’t exist when he was growing up. People thought he was weird and lazy.

Today, Robinson is an advocate for individuals with Autism Spectrum Disorder (ASD). He travels with speaking engagements and is active on boards and committees of the National Institutes of Health, the Centers for Disease Control, Autism Speaks, and a number of universities and colleges.

“Autistic leaders don’t exist, you can’t name them, hopefully that will change in the future,” Robinson said. “I know there is a lot of fear about what’s being said about Autism and healthcare right now.”

Robinson believes that people on the Autism Spectrum have more power than they can imagine. He wants those people to come together and take matters into their own hands. He said that respect and community are the best things society can give to people with autism.

The two-day Northern California Autism Symposium included workshops on a wide variety of topics taught by Chico State professors, visiting professors, community professionals, and graduate students from other universities. A sampling of the workshops available to participants were “Autism and Employment,” “A Grassroots Approach to Parent Support,” and “Grounding, Settling, and Calming through the Use of Weighted Products.”

Professors Melissa Mache and Teni Todd, along with graduate students, presented their research in “Development of Balance and Fundamental Motor Skills in Children and Young Adults.” Sensory conflict of eyes, legs, and body when trying to maintain posture stability, and the ability to maintain an upright posture and balance are prerequisites to fundamental motor skills and activities throughout the day.

According to Department of Kinesiology professor Josephine Blagrave, who coordinated the event with staff from the Office of Regional and Continuing Education, the conference’s purpose was to help bring resources to individuals with autism and their families to the North State.

“Most conferences that can provide strategies and best practices to parents are no closer than Sacramento. The aim was to bring people to speak here so families could have access and not have to travel as far,” Blagrave said. “We had many professionals both locally and from throughout California and southern Oregon presenting as well as four individuals with autism presenting, including John Elder Robinson, our keynote.”

The Second Annual Northern California Autism Symposium is scheduled for September 28–29, 2018.

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**Four Students Win CSU Media Arts Awards**

The California State University Media Arts Festival provides an opportunity for students from 23 campuses to receive critical review from a panel of faculty and industry leaders in an effort to become work-ready in the entertainment and media arts fields.

Student projects are screened at the festival where students also learn important lessons from attorneys on Copyright and Fair Use policies.

Nineteen campuses participated in the festival, submitting 190 entries in various categories.

Namhee Kim, professor in the Department of Media Arts, Design, and Technology accompanied the Chico State students during the festival.

The 27th Annual CSU Media Arts Festival was held in November on the CSU, Dominguez Hills campus.
Chico Great Debate Addresses Issues in Public Health

Nearly 2,000 Chico State and Butte College students participated in the Chico Great Debate in October. Chico State students in the public speaking and small-group-discussion course sections, offered by the Department of Communication Studies, studied issues in public health in preparation for the Chico Great Debate.

The First-Year Experience program on campus coordinates the logistics for the Chico Great Debate. Events began at 10 a.m. in the Downtown City Plaza with speeches and the Civic Expo where students displayed interactive exhibits that supported their public health issue of choice.

Students apply to participate in the Civic Expo and must participate in preliminary tryouts where more experienced peers judge them. Students give a five-minute informative speech and present on both sides of an issue. Through this process, students learn to discuss contentious topics in a civil manner. They are required to sight at least three high-quality academic, government, and news sources in order to defend their argument.

Speeches and debates happened throughout the day and culminated at 6:30 p.m. for the Main Debate inside the council chambers.

“Students Francisco Torres and Bethany Glazier defended their argument that there are too many television commercials where advertisers are selling over-the-counter and prescription drug medications. In addition, Elizabeth Soto presented an exhibit on ‘Gender Neutral Bathrooms’ and asked participants to vote ‘yes’ or ‘no’ on how they felt about having bathrooms that are not restricted to just men or women, but for use by anyone,” said Professor Jennifer Malkowski, whose research focuses partly on the medical discourse in relation to the public health outcomes, social disparities in health, and behavioral intervention. Malkowski also records one large lecture broadcasted to 450 students and several teaching associates who then discuss topics in smaller group settings.

“Some of the topics selected by students included the ‘Oversell on Advertisement,’ where Bethany Glazier and Francisco Torres defended their argument that there are too many television commercials where advertisers are selling over-the-counter and prescription drug medications. In addition, Elizabeth Soto presented an exhibit on ‘Gender Neutral Bathrooms’ and asked participants to vote ‘yes’ or ‘no’ on how they felt about having bathrooms that are not restricted to just men or women, but for use by anyone.”

“The Chico Great Debate, established in 2010, allows faculty and students to work on a selected topic each semester and then present findings to the campus and community. The communication and civil debate helps students in their professional preparation.”

Professional Opportunities

Technology Trends Spark Professional Opportunities

3-D printers that can print 3-D printers is not as crazy as it sounds.

The Department of Media Arts, Design, and Technology (MADT) hosted Design: Tech and Trends on campus in November.

The event showcased professional opportunities for students via presentations by faculty from both Chico State and Butte College and local private-industry professionals.

Erin Banwell, founder of Idea Fabrication Labs in Chico and Santa Cruz, brought his 3-D printer for demonstration and told the audience about the history of 3-D printing.

“The first 3-D printer was patented in 1986 by Chuck Hull,” Banwell said. “Today 3-D printers are being used by scientists in human-organ development.”

High-end jewelry designers are getting into 3-D printing. Cement buildings and prosthetic arms have been in production for years, and Banwell said that a moon base is in the future where moon rocks and dust will be harvested to build space stations before humans ever get there.

MADT instructor Dave Hall shared his knowledge of augmented reality and how future estimates reveal $115 billion will be spent on augmented reality by 2020.

David Donnelly, Butte College graphic design instructor and department chair, recently received a $500 thousand grant from the State of California to develop a drone program at the college. Course development will begin spring 2018 with classes open to the public next fall.

Donnelly said that professional opportunities for licensed drone users are growing, especially in the agricultural and construction industries. Staff from the City of Chico told Donnelly that the city could use 6–10 student interns once he gets the program up and running.

Other presentations included Chico State lecturer Aaron Draper’s eye tracking and how it’s used in merchandising, Preston Linderman, CEO of Chico Holographic Studios, shared information on mixed reality, and Stephen Phillips, co-founder of Theia Interactive, spoke about virtual reality.
Local High School Students Attend Educators Fair

Thirty-six junior and senior-level students from Pleasant Valley High School in Chico came to campus in October to discover paths to becoming a teacher.

The inaugural Future Educators Fair included brief introductions to the five paths to a teaching credential by Chico State faculty. The paths currently offered are multiple and single subject, concurrent and education specialist, the bilingual program, and several options toward the Liberal Studies degree.

Following introductions, students broke out to have small group conversations focused on their path of interest. Faculty, advisers, current student teachers, and credential analysts were on hand to answer pre-prepared questions.

Many of the visiting students are on an education pathway at Pleasant Valley High and work up to 100 hours per academic year assisting in supervised classrooms at local elementary schools.

The School of Education, led by Director Lynne Bercaw and Assistant Director Rebecca Justeson, hosted the event.