BUILDING FILLS WITH ART:
Students in the capstone courses in the Technology, Arts and Media program created a variety of artworks using a wide variety of digital and physical media. Their artworks filled the ATLAS Roser Building and the Internet as the fall semester came to a close. At left, Embry Gillet used Adobe Illustrator to create a University Hill scene and then built a three-dimensional artwork by layering cutouts of buildings and people.

VIDEO AND ANIMATION: Rachel Dubrovin created a video (above left) highlighting how technology can enhance communication and creativity. Tyler Manteuffel used digital tools to create an animated painting (above right).

HONORING THE DEAD: Alexandra Ortasse created a print entitled “Patronage to the Dead” (at right) that uses the symbolism embodied in the Mexican celebration of the Day of the Dead.

WHAT IS ORIGINAL? Eliza Magdalenski, in her artwork entitled “Trademark” (above), considers how companies, brands and products are all moving online, fueled by advertising, and nothing remains original in this cut-and-paste world.
COMMUNIKEY FESTIVAL: ATLAS was host to a wide variety of events for the citywide Communikey Festival from April 25-29. Communikey events include artistic workshops and performances related to sound, design and technology. Among the ATLAS performances in the Black Box were electronic artist and vocalist Lesley Flanigan (at left), whose performance was made possible by a collaboration between CU’s College of Music, the Department of Art and Art History, ATLAS and the Communikey Festival; Stefan Betke, a label owner, publisher and mastering engineer from Berlin, performs an electronic composition as the entertainer Pole (top right photo); and Biosphere (from Norway) and Lustmord (UK/US) performed a collaboration entitled Trinity, which featured low-frequency speakers as it alluded to the first detonation of a nuclear weapon in 1945.

LIGHT: A MUSICAL JOURNEY: College of Music instructor Kari Kraakevik created a five-movement musical work that explored various concepts of light from the spiritual and emotional to the physical. It was scored for chamber orchestra, children’s choir, rock band, male octet and soloists and was performed March 22 in the Black Box.
LAYERS OF TECHNOLOGY:
cLementines & cHocolate, directed by MFA dance candidate Chrissy Nelson, questioned the many layers of technology people wrap themselves in versus the unadorned human form during Black Box performances April 19-20.

SONATA WITH COLOR: Owen Zhou, a Ph.D. music student, discussed and performed Alexander Scriabin’s Eighth Piano Sonata with colored lighting and other effects on March 22 in the Black Box. Scriabin was influenced greatly by the neurological phenomenon synesthesia, a condition where one’s sense is stimulated by another sense. In Scriabin’s case, he associated certain colors with different harmonies and devised his own “circle of color.” At left, Zou performs behind a screen as the lighting changes color.
THERE CAN ONLY BE ONE: MFA dance candidates Brooke Gessay (at left above) and Lauren Beale used dialogue, dance, film and improvisation to express the highs and lows of wanting to be chosen in interactive performances in the Black Box March 17-18. At the end of each performance, audiences selected which character got to stay and which had to go. As part of the decision process, Gessay and Beale (at right) stand in the ATLAS lobby before the show wearing signs asking audience members to touch their hands.

JEWSH CULTURE: Charming Hostess, a music ensemble at the intersection of voice, text and diaspora consciousness, performed in the ATLAS Black Box March 8 as part of the Week of Jewish Culture events organized by Jewish Studies. Jewlia Eisenberg, right, also served as an artist-in-residence who worked on an online video project and art installation that traces the life and work of Leone and Natalia Ginzburg during World War II.
COMPUTERIZED ORCHESTRA: BLOrk (Boulder Laptop Orchestra), an ensemble of musicians equipped with laptops, hemispherical speakers and traditional instruments, performed a variety of original pieces under the direction of jazz professor John Gunther on Feb. 24 in the Black Box. The event also featured multimedia projections and dancers.

MULTIMEDIA DANCE: Lostwax Multimedia Dance presented the Colorado premiere of BLINKING, a multimedia dance performance, on Jan. 21 in the Black Box. The production attempts to illuminate the dark spaces in the blink of an eye by splintering dance into tiny moving stills and projecting hallucinatory cinema.

AERIAL ZOMBIE NIGHT: I Am Watch Television Zombie, conceived and produced by Hunter Ewen, a music Ph.D. student, and Nicole Predki of Frequent Flyers aerial dance in Boulder, explored society’s addiction to television with a team of 20 actors, musicians, technicians and aerial dancers in a Black Box performance on Feb. 4.
DigitalCURRENts celebrates 10th anniversary

The Digital CURRENts program, which is a three-week summer workshop sponsored by the ATLAS Institute in partnership with the National Center for Women and Information Technology, will be celebrating its 10th anniversary when students come to ATLAS for the program from June 4-22.

Since 2002, the workshop has successfully engaged minority and female high school and middle school students in the use of current information and communication technology (ICT), with a goal of increasing the participation of these historically underrepresented groups in the ICT, computer science and engineering disciplines.

Students learn a variety of computer programs and programming skills to create and manipulate digital content to complete a final project that showcases their creative and technical talents.

Workshop participants also visit with guest speakers about educational and career opportunities in technology-related fields and enjoy site visits to local technology-focused businesses.

Digital CURRENts alumni, many of whom represent the first in their family to enroll in college, have gone on to pursue studies in technology-related fields at CU Boulder and other institutions.

The workshop this year, taught by ATLAS instructor David Schaal, will focus on individual projects that emphasize creative thinking and multimedia skills. Participants will focus on digital storytelling through stop motion animation.

Students also will work with the CU Boulder Hackerspace Club (engineering and computer science students) to explore concepts of physical computing and the maker movement.

The annual budget for the Digital CURRENts workshop ranges from $25,000 - $40,000 depending on the number of participants and the nature of the projects involved. These funds are raised annually through grants and tax-deductible donations – along with significant in-kind support – from individuals and organizations.

To contribute to Digital CURRENts, contact Kathleen Archuleta, ATLAS director of external relations. More information about the program is at http://atlas.colorado.edu/digitalcurrents/.

Sieber named associate dean of Engineering

Diane Sieber, who was the inaugural director of the ATLAS Technology, Arts and Media program and co-director of ATLAS from 2000 to 2007, will begin her appointment as associate dean for Education in the College of Engineering and Applied Science in July.

She currently is director and associate professor in the Herbst Program of Humanities in Engineering and also serves on the ATLAS Advisory Board.

She was an assistant professor and associate professor in the Department of Spanish and Portuguese prior to joining the engineering faculty.

Terry Morreale named NCWIT associate director

Terry Morreale has been named associate director of the National Center for Women and Information Technology (NCWIT), which is housed in the ATLAS Institute.

Morreale was director of client services for local startup Applied Trust Engineering. She was a lead engineer at U.S. West and worked in technology intelligence at MediaOne. She also was a consultant for the Gartner Group and Kalos Strategy Group.

Morreale has served on the boards of several local non-profits, including the Colorado Internet Cooperative Association and Social Venture Partners of Boulder County. She holds a bachelor’s degree in Computer Science from the University of Colorado at Boulder, a Mediation Certificate from CDR Associates and several IT technical certifications. She enjoys spending time with her family, reading and training for triathlons.

FLOWERS OF APPRECIATION: Students in the ATLAS Information and Communication Technology for Development master’s program held an “R and R Appreciation Day” in April recognizing the efforts of program director Revi Sterling and program adviser Ruscha Cohen.
Stephanie Wanek, whose position as ATLAS program manager includes support of ATLAS Technology, Arts and Media (TAM) programs and events, is the recipient of the ATLAS Titan of the Quarter award. The award is given quarterly in recognition of efforts on behalf of ATLAS. Wanek was nominated for the award for her outstanding work with the TAM program.

Wanek is a former CU Foundation development officer who worked at ATLAS as the new building opened. More recently, she was a research analyst at the CU Foundation.

Jenny Slade, who is the Communications Director for the National Center for Women & Information Technology (NCWIT), is the recipient of the 2012 ATLAS Award. This annual recognition is given “to the person who shoulders a heavy burden for ATLAS.” Slade exhibits an irreplaceable ability to share a vast knowledge of technology, gender and diversity-related issues that inspires innovative thinking in others.

As NCWIT’s first employee, Slade continues to work with the growing team to create and manage external communications, including the NCWIT website, resources, campaigns, outreach, public relations and social media strategy.

Prior to NCWIT, Slade held project management positions at Wall Street On Demand and CableLabs. She attended the University of Pennsylvania and

Devon Tivona, a student in Aileen Pierce's Mobile Applications Development class last semester, created an application that was accepted into the Mac App Store.

It's called Wordy: The Logophile's Primer, and it aggregates information from several dictionaries to provide definitions, synonyms and more. It also has a fun word of the day to help build vocabulary. Tivona created the app in Pierce’s ATLAS class, kept working on it and got it into the app store. Other applications built in the class included a CU parking locator, an app that records the speed of a skier, a dictionary of acronyms in the ICTD space and an Africa conflict tracker.

In addition, Tivona and another student, Eric Horacek, partnered on creating a student planner application called Erudio that won the CU Mobile Application Challenge competition, sponsored by the student group called CSUAC (Computer Science Undergraduate Advising Committee).

Student gets mobile app approved for Mac app store

ATLAS Bootcamp set for Maymester

Digital Media Bootcamp, which is an intensive three-week introduction to digital media production that is designed to impart practical technological skills to people from any industry or discipline, will take place during Maymester from May 14-June 1 at ATLAS.

The program offers instruction in industry standard technologies and applications and will show students how to use these tools to successfully communicate ideas.

ATLAS instructor David Schaal and Kevin Hoth, an artist, commercial and fine art photographer and educator, will teach the course, which runs from 9 a.m. to 4 p.m. daily.

FIFTH GENERATION GRADUATE: Cassie Hickman, who graduated this spring with a minor in the ATLAS Technology Arts and Media program, and her father, John, hold their family tree, which she made as part of an ATLAS class project detailing the five generations of her family who have graduated from CU. Her great-great-grandmother graduated in 1885 with the university's third graduating class. Hickman has tracked 23 members of her family who graduated from CU. Her father graduated in 1988.

Slade wins annual ATLAS Award

Slade is ATLAS Titan of the Quarter

Wanek is ATLAS Titan of the Quarter
Spring graduation at ATLAS
The Alliance for Technology, Learning and Society (ATLAS) at the University of Colorado at Boulder was established in 1997 as a campus-wide interdisciplinary initiative. ATLAS broadens the benefits of the networked information age by providing multidisciplinary curricular, research and outreach programs that integrate information and communication technology with a wide variety of disciplines and people, both inside and outside the university.

More information about ATLAS and its initiatives can be found at http://atlas.colorado.edu.

To contact ATLAS, call 303-735-4577 or e-mail cuatlas@colorado.edu.

Follow ATLAS on the Web at http://atlas.colorado.edu, and on:

- [University of Colorado Boulder](http://atlas.colorado.edu)