



Inside Solano

STAYING COMMITTED AND CONNECTED

AUGUST 15, 2016



Behind the camera

When you pick up a camera to take a digital photo of that great sunset, you might want to thank SCC student Eddie Barton and others like him. In addition to being a student at Solano Community College, Barton also works remotely for Bolex, a Swiss camera company. The average person using a camera probably has no idea what all goes into making those beautiful photographs, but Barton, an engineering student at SCC, has just written a technical report describing his contribution to the image processing of the camera.

"At the heart of every digital camera is an image sensor covered with dyes that filter light to red, green, and blue within a certain range of wavelengths," says Barton. "The problem is that these image sensors and color dyes don't 'see' color like humans do." The color images we see when we use our cameras is not what the sensors actually see. Barton says that his job was to create a sequence of transforms that converts what our specific image sensor sees into an image that resembles cinema film negatives.

If this is still confusing, you're not alone, but Barton's accomplishments are to be commended. His SCC professor, Dr. Melanie Lutz, says Barton will be at Solano for another year before he transfers as an EECS student to the University of California.

Greetings from Dr. Celia Esposito-Noy

Welcome to the fall, 2016 semester. To those of you who have been away, I hope you had a relaxing and rejuvenating summer break. To those who have been on campus all summer, I hope you had a chance for at least a small break, and that everyone is ready for the new term.



Lots of things are happening on our campuses this fall, including the Auto Technology groundbreaking ceremony on Wednesday evening. We also have our Annual Benefit Gala, and our ongoing Self-Study for Reaffirmation of Accreditation.

Most important of all, of course, is our students. Please join me in welcoming them to campus and to our classes and services. As always, I encourage us all to work together to provide them with a stimulating and rewarding college experience. Thanks to the SCC community for all you do for our students and our college.

Vallejo Automotive Technology Building Groundbreaking

Staff and faculty are invited to the Groundbreaking Ceremony for SCC's new Automotive Technology facility in Vallejo on Wednesday, Aug. 17 at 5 p.m. The 31,000 square foot building will feature automotive repair and alignment instructional bays, automotive testing areas, student lounge, two "smart" classrooms, a tutoring center/conference room, and offices. It will be a state-of-the-art facility, which will become the standard bearer for all community colleges. The site will also provide opportunities for current and future industry partnerships.

The Groundbreaking Ceremony will kick off twelve months of construction. The building is located at 1687 Ascot Parkway, Vallejo.

SCC athlete headed for Division I

SCC guard Hosea Barfield signed his National Letter of Intent Aug. 4, committing himself to playing basketball for William Penn University in Oskaloosa, Iowa. Barfield will begin classes there as a business major on Aug. 22.

The signing took place at the Matt Garcia Center, where Barfield played basketball with the Fairfield Police Activities League from the time he was in 8th grade. According to the Daily Republic, Barfield shot 42 percent (70-166) at SCC and averaged 15.9 points a game. The basketball program at William Penn is part of the National Association of Intercollegiate Athletics (NAIA) Division I.



Photo credit: Aaron Rosenblatt/Daily Republic

CELEBRATE WITH US!

Solano Community College 2016 Annual Benefit Gala



Friday, Aug. 26, 2016 | 6:30 p.m. | USA World Classics Event Center, 1525 Sonoma Blvd., Vallejo, CA

Join us in celebrating the expansion of the Solano Community College Vallejo Center with the construction of the SCC Automotive Technology Building. In addition, the college will recognize the 2016 SCC Distinguished Alumni.

For tickets, visit the SCC Educational Foundation website <https://foundation.solano.edu/events> or contact Curt Johnson at 707-249-1667 or curt.johnson@solano.edu | Individual tickets \$85, sponsorships start at \$500.