

Distinguished Professors — Category I**Victor Bondzie, Professor, Physics****Lester N. Mandell Chair in Natural and Physical Sciences****\$3,800****Understanding the Nature of the Electron Charge**

One of the difficulties of teaching physics is that many interesting experiments are expensive, making it difficult for students to obtain hands-on experience. The aim of this project is to purchase an apparatus that will improve teaching and learning.

Christy Cheney, Professor, Student Life Skills**University Club of Orlando Chair in Humanities****\$5,400****The Uncommon Scholar: REACH Study Abroad 2017 - Italy**

The REACH program is a cohort-based learning community at the Osceola Campus designed to support and guide students through their first 21 college credit hours. Students are nominated by their high school counselor because they demonstrate the work ethic and desire to succeed, but require college readiness skills and support to begin their college career. The endowed chair will provide the opportunity for the program's students to experience globalized learning through a study abroad program to Italy in 2017 with current REACH faculty who will support them and offer strategies to address personal challenges. Additionally, REACH students who traveled to Italy through Valencia's study abroad program in 2016 will share their stories and experiences to motivate and encourage REACH students to pursue this opportunity.

Steven Cunningham, Professor, EAP**Sue Luzadder Chair in Communications****\$3,800****English in Action**

This endowed chair project will help Steven to develop professionally and further relations with an impoverished Brazilian university, which he has worked with intensively over the past years. The professor will test active learning strategies in and out of the classroom by creating an immersion language program for future English teachers in a two-week intensive English program, while participants will build pathways with Valencia EAP students as they engage in a cultural exchange via educational technology.

Richard Gair, Professor, Reading**Abe and Tess Wise Endowed Chair in the Study of the Shoah****\$4,000****Valencia and Holocaust Center of Central Florida Convene Local Teachers to Develop Lessons**

Richard and the Holocaust Education and Resource Center will develop a series of lesson plans for the center's outreach program. They will be posted on the center's website, and they will be shared with the Central Florida education community. The lessons will span elementary grades to college level. Pedagogically accepted strategies will enhance learning of this complex event. Lessons will cover academic disciplines such as history, literature civics and social studies.

Yolanda Gonzalez, Professor, Spanish**Howard L. Palmer Chair in Foreign Languages****\$4,000****Study of Spanish Language and Culture in Spain**

Yolanda will travel to Spain as part of her professional development. The goal for this endowed chair is to experience firsthand the culture, linguistic variations, history and geography of Spain. As a second goal, Yolanda will explore the possibility of collaborating with other colleagues who are already planning on taking Valencia students to Spain as part of the study abroad program. The goal is to add the study of Spanish language/culture as a component to the study abroad program. This collaboration will enable students to see the importance of the Spanish language in other areas.

Alison Hammack, Professor, Mathematics
Raymer F. Maguire Jr. Chair in Mathematics
\$4,000

WIN Exam Plan

It is important to seek out struggling students in mathematics courses. Math concepts build on each other. If an early concept is not mastered, the subsequent material will be a struggle for the student. Students who score a 75 percent or less on an exam would benefit from additional time and attention to relearn math concepts. By implementing an exam remediation plan (WIN exam plan), Alison would empower students with a better chance of understanding the content, passing the course and building toward their career goals.

Heith Hennel, Professor, Information Technology
Bank of America Chair in Business Management
\$4,500

Scholarships to Study Abroad in Chile

This endowed chair will be used to support scholarships for students enrolling in IT for International Business. Students will travel to Chile to experience this culturally rich country and visit local businesses. Students will explore how business partnerships are developed within the South American country and garner an understanding of how new technologies are being implemented in South Africa, as well as how those technologies impact South Africans' everyday lives. This is an educational study abroad experience that will tremendously enhance student learning and, at the same time, the course is academic in nature and geared to help students further their language and cultural understanding by maximizing their interaction with people from Chile.

Debra Hollister, Professor, Psychology

Brian Macon, Professor, Mathematics

Freeda Foreman Chair in Collaborative and Creative Problem-Solving

\$4,700

STEAM Sustainability

This endowed chair will be used to build a student community on campus with a guest speaker series that will invite experts to talk about their careers and the importance of sustainability in their fields. The chair will also encourage students collegewide to utilize their creative side by making a video about a creative solution for current issues related to sustainability. The top two or three student groups, as determined by a panel of judges, will earn the chance to attend and present their work at a conference on sustainability.

Kevin Mulholland, Professor, Humanities

Patricia Havill Whalen Chair in Social Sciences

\$7,900

Islam as a Social and Political Force

In early modern Europe, invading Mongols were called Tatars because it was thought they could only come from Tartarus, the Greek version of hell. Today, it's impossible to escape headlines about ISIS, Boko Haram or the Taliban. Islam has taken in the place of the Tatars in the dark paces of western imagination and, because of this, it's important to take time to understand its impact on society, government and culture. Through this chair, Kevin will attend a 12-day seminar to help him do just that.

Julie Phelps, Professor, Mathematics

Lockheed Martin Chair in Mathematics

\$5,600

Engaging in National Mathematics Redesign through the Professional Mathematics Communities

Julie will join the American Mathematical Association of Two-Year Colleges and the Mathematics Association of America, both professional mathematics organizations, to spearhead the push for the professional community to collectively reconsider undergraduate curricula and ways to improve education in mathematical sciences. These professional communities are actively disseminating scholarly research on promising instructional and assessment practices developed to improve math success at the post-secondary level.

Robin Poole, Professor, Dental Hygiene

Wayne Densch Chair in Geriatrics

\$6,300

Service Learning and A Community Project for Dental Hygiene Students

This project will give students the opportunity to participate in a service learning project at their annual American Dental Hygienists Association meeting in Jacksonville, Florida. Each year at this symposium, students and hygienists are given the opportunity to participate in community outreach. This activity may include dental health screenings, fluoride varnish application, sealant application and/or oral health education. Through these numerous activities, the students have the opportunity to help fulfill a community need by reaching out to populations in need of care. Our students at Valencia do numerous community and service learning projects throughout their dental hygiene education. This project with the American Dental Hygienists Association will include Robin and six students. These students will be selected through a leaning activity in the fall term.

Irina Struganova, Professor, Physics

Lockheed Martin Chair in Science

\$4,300

Undergraduate Research Experience in Physics for Valencia Students

Irina will use this chair to continue to engage her students in undergraduate research in physics. A few of her current students who already completed their projects will be provided with an opportunity to attend the Society of Physics Students 2016 Quadrennial Physics Congress. In addition to presenting their results, the students will meet with well-known scientists and engineers, visit the SLAC National Accelerator Laboratory and the Google X complex, as well as learn about future educational and career opportunities available. After attending the conference, the students will share their experiences with other Valencia students.

Distinguished Scholars – Category II

Kristin Abel, Professor, Theater Technology
Raymer F. Maguire Jr. Endowed Chair in Communications
\$3,200

3-D Printing for Live Show Production

Live show production organizations increasingly turn to 3-D printing to assist scenery, prop and costume designers and to speed production work. It is used for fabrication of prop and costume details, as well as to assist production planning by creating scenic model pieces. User-friendly, cost effective 3-D modeling programs are now available and are capable of outputting files directly to 3-D printers. Students working on live show production will benefit from access to this technology and its integration into the live show production process.

Kenneth Bourgoin, Professor, Culinary Management
Hunton Brady Architects Endowed Chair in Hospitality Management
\$2,500

National Restaurant Food Show Empowerment

This endowed chair will give three students the opportunity to attend the National Restaurant Food Show in Chicago, Illinois. This is a rare discovery for a student to see the breadth and length of the restaurant/hotel industry on an international level. Included in the show are educational experiences on the things that empower the industry most with a focus on innovation and technology.

Jim Inglis, Professor, Hospitality and Tourism
Central Florida Hotel and Lodging Association Chair in Hospitality Management
\$4,300

Student Experience - International Hotel Restaurant Show

Each year students in the Valencia Hospitality Society, a student club, do many local community volunteer events with the Hotel Association and the Restaurant Association. The purpose is twofold: one is for the students to gain valuable event experience, network and do community service work and the other is to raise money to offset the costs of taking up to 16 students to the show in Manhattan in November 2016.

Amanda Kern, Professor, Graphic Design
University Club of Orlando Chair in Advanced Computer Technology
\$5,700

Learning Essential Web Coding Via Screencast and Livestreaming Mentoring Sessions

This endowed chair will enable graphics and interactive design faculty to collaborate on the creation of new resources to help improve success rates in our online course, DIG 2100C: Web Essentials. Coding and technology resources will help faculty create a series of accessible screencasts to supplement key course-related content. Faculty will utilize iPads to explore options of livestreaming, including the use of Periscope, for a series of on-campus learning and mentoring experiences. Livestreaming mentoring sessions could be watched by all students taking this course from any location and will enable students to learn foundation web coding skills.

James May, Professor, EAP
Dr. P. Phillips Foundation Chair in Free Enterprise
\$6,300

Connecting the World to Valencia and Valencia to the World - A Virtual Reality

Imagine visiting the Seven Wonders of the World, the bottom of the sea or the surface of Mars all from the classroom. Google Cardboard, the virtual reality viewer, has made this a reality. With Google Expeditions, teachers can take students on interactive, teacher-guided, virtual tours. Add in a 360-degree camera and teachers and students can create their own virtual reality experiences. This year, learn how to bring the world to Valencia students and help your students share their visions with the world.

Eileen Pérez, Professor, Chemistry
Diego Lopez, Professor, Chemistry
Laura Sessions, Professor, Chemistry
Raymer F. Maguire Jr. Teaching Chair
\$20,100

Creation of a Cost-free Digital Lab Library to Create Authentic and Meaningful Experiences for General Chemistry I Students

A collegewide team of chemistry faculty will gather to write, test and professionally edit a digital lab library for students enrolled in general chemistry using best practices in science education such as inquiry-based experiments. Additionally, this opportunity will allow the exploration of open-source materials such as textbook and online homework to create no-cost or low-cost instructional materials for the course with potential collegewide annual student savings of \$365,000 (Lab: \$73,000; Class \$292,000).

Yasmeen Qadri, Professor, Education
Dr. P. Phillips Foundation Chair in Education for the Physically Challenged
\$6,000

Preparing Teachers as Change Agents of Peace in the Global Market

In an effort to create as much opportunity as possible for education graduates, this project focuses on empowering graduates with the ability to teach internationality and to teach sign language and deaf education. Both are community needs that Valencia students can help with and, through this chair, Yasmeen can help provide students with the tools and experiences they need to become effective global citizens who are prepared to meet the challenges of being a quality educator.

Craig Rapp, Professor, Hospitality and Tourism
Central Florida Restaurant Association Chair in Restaurant and Food Service Management
\$3,500

Taking Students to the 2017 National Restaurant Show in Chicago

This chair will enable Craig to take hospitality students to the National Restaurant Association's annual international trade show in Chicago in May 2017. This is one of the largest and most impactful hospitality shows in the world – one that anyone entering the hospitality field can benefit from. Many students have never been exposed to an event of this magnitude and, in some cases, this will be the first time students are able to connect classroom learning to the industry.

Andrew Ray, Professor, Building Construction Technology
Hubbard Construction Company Chair in Technical and Engineering Programs
\$4,100

Active Learning Projects

The Hubbard Construction Chair supports educational programs in building construction, drafting and design, land surveying and other technology areas. If approved, these funds will purchase tools and equipment to support active learning projects with AS students across multiple disciplines. One proposed project is construction of a tiny house, with AS students applying design, project management and construction skills and potentially working in partnership with local non-profits.

Pamela Sandy, Professor, Dental Hygiene
Ira Vinson Henderson Chair in Nursing and Allied Health
\$9,400

Enhancing Professional Development in Dental Hygiene Students

Students will prepare an oral/visual presentation to be presented to a four-person faculty/dean committee for selection to attend the American Dental Hygienist's Association (ADHA) Annual Session in Jacksonville in June 2017, where they will compete nationally in the table clinic presentations to dental professionals. Additional students will be selected to attend the conference based upon individual interest in attending as demonstrated by submission of a brief essay. Students will attend workshops on career alternatives, a student mega issue forum, exhibits and other events geared toward students and improving their understanding of membership in a professional association.

Richard Sansone, Professor, Portuguese
Tupperware Corporation Chair in Community Quality

\$4,200

Cuba at a Crossroads: Envisioning our Combined Future

The Valencia community will be treated to a privileged vision of how Cubans are reacting to the opening in U.S. relations with our island neighbor. This endowed chair will permit Richard and another professor to revisit the island, renew relations with professional contacts there and prepare a Cuban lecturer to share his expertise and vision with Valencia audiences. Our visiting expert will present lectures/exhibits revealing Cuba's current state of affairs with an eye to our common future.

Melissa Schreiber, Professor, Biology

Chesley G. Magruder Foundation Chair in Health and Life Science

\$1,800

Health Education Study Abroad Course to Geneva and Paris

Students will travel to Geneva and Paris to learn about public health, infectious disease and epidemiology. In Geneva, students will spend time at the International Red Cross and Red Crescent Museum to understand their international humanitarian efforts. A visit to the headquarters of the World Health Organization in Geneva will provide the students an opportunity to learn about their authority of international public health within the United Nations system. Students will attend a lecture at Webster University in Geneva to learn about health care management. At the Ministry of Health in Paris, students will listen to a lecture by a health advisor on promoting and protecting the health of all individuals living in France. In Paris, students will get to interact with patients and the nursing staff at the American Hospital of Paris to learn about the importance of health education. Paris is the home of Louis Pasteur, considered to be one of the "fathers of microbiology," and students will get to see his works at the Pasteur Museum. At a local university in Paris, students will listen to a lecture about public health. At the Musee de l'Assistance Publique students can learn about the history of Parisian hospitals in Paris. Cultural activities will include an introductory tour of Geneva and a visit to the Eiffel tower, Musee du Louvre, Notre Dame Cathedral and the Latin Quarter in Paris.

Suzanne Salapa, Professor, Dance

Universal Orlando Chair in Arts and Entertainment

\$3,200

Parsons Dance Residency

This chair will support the dance residency/master program with renowned artists of the Parsons Dance Residency in January and February of 2017. The classes and rehearsals will introduce both the dancer and faculty to the innovative and diverse choreographic approach unique to the David Parsons/Parsons Dance world-renowned repertory.

Valencia Foundation Board of Directors approved the following applicant to receive the Valencia Foundation Board Chair for Interdisciplinary Studies:

Olga Vazquez, Professor, Biology

Valencia Foundation Board Chair for Interdisciplinary Studies

\$5,000

Health Academy

The Health Academy is a community outreach and college student-driven program. It offers interactive anatomy and physiology hands-on activities delivered by college student mentors (East Campus only). The Health Academy will provide fifth grade elementary students with the information to choose healthier food products with their families while delivering science/biology content and the inspiration to choose STEM careers.