

2021 – 2022 Endowed Chairs for Learning Leadership Distinguished Professors — Category One

Mark Guillette, Professor, Sociology
Patricia Havill Whalen Chair in Social Sciences
\$8,800

Immersive Spanish Language Learning in Latin America

Mark will travel to a Spanish-speaking country in Latin America, for up to three weeks, and undertake immersive Spanish language learning. As many of his sociology students are Spanish speakers, by enhancing the Spanish he currently knows, he will be able to build a better and more significant bond with his Spanish-speaking students than he already does.

Julie Phelps, Professor, Mathematics
Lockheed Martin Chair in Mathematics
\$6,000

Improving Mathematical Prowess and College Teaching (IMPACT) through Active Learning

The American Mathematical Association of Two-year Colleges (AMATYC) and partner professional mathematics organizations are spearheading the push for our community to collectively reconsider undergraduate curricula and ways to improve education in the mathematical sciences. By supporting faculty to attend national conferences, we can enhance their knowledge of scholarly research on promising instructional and assessment practices developed to improve student learning outcomes in mathematics.

Sean Lake and Julie Montione, Professors,
Humanities University Club of Orlando Chair in Humanities
\$5,800

Object-based Learning and Haptics

Object-based learning is an evidence-based pedagogical approach that centers learning on personal interactions with material culture. The purpose is to teach a systematic method of looking at and touching artifacts. Sean and Julie have already acquired a sample of artifacts. A class in Harvard's Extension School in Museum Studies will teach them about display, handling and preservation, and they will develop a plan to teach faculty to use these objects and create a loan box system.

April Engel and Kristin Bartholomew,
Professors, Nutrition Grace Gillen Hanna Chair in Nursing
\$5,500

Improving Student Success Through Health by Creating a Valencia Nutrition Manual

Poor nutrition among college students can impact health and impair academic performance. Poor nutrition intake can be the result of food insecurity, lack of time to prepare healthy meals, or simply misinformation and lack of knowledge. Unfortunately, the most affordable and convenient foods are often the unhealthiest. April and Kristin will create a Valencia Nutrition Manual for students, which will include nutrition information and affordable, healthy recipes. Information on Valencia's food pantries and community resources for food-insecure students will also be provided.

Amy Love and Daniel "Chip" Turner, Faculty,
New Student Experience Freeda Foreman Chair in Collaborative and Creative Problem-Solving
\$5,300

Emotional Intelligence to Support Student Academic and Career Success

Research and development of a pilot instructional unit on emotional intelligence will be created to infuse into the New Student Experience curriculum. The pilot unit will include instruction in the components of emotional intelligence and assessing one's self-awareness. Students participating in the pilot will receive one-on-one coaching to develop a personalized plan to improve their skill levels, so that they are better prepared to respond to emotional challenges, maintain social relationships and express themselves in an effective way. Results will be shared with New Student Experience faculty collegewide for curricular consideration.

Gerald Hensel, Professor, Computer Programming and Analysis Bank of America Chair in Business Management

\$5,100

Cloud Technology in an Equitable Environment (CTEE)

Gerald will take students to the United Kingdom to learn about Cloud Technology Amazon Web Services (AWS) and how it is used in an international setting. He will also develop an international module to be integrated into an existing informational technology course to further expose students to internationalization business processes in equity.

Melissa Schreiber, Professor, Biology Lockheed Martin Chair in Science

\$4,700

Ocean Conservation

Students will travel to Greece and the Greek Isles to learn about sea turtles and ocean conservation efforts. Before their trip, the students will spend time learning about sea turtle preservation by visiting a facility located on Florida's East Coast. While in Greece, the students will learn about environmental education and sea turtle rescue. Across the mainland and many islands, they will contribute in various ways to the international strategy for the conservation of sea turtles.

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Matthew Kenney, Professor, Business Bank of America Chair in Business

\$4,700

Entrepreneurship Center Management Certificate

Ensuring equity and opportunity for economically disadvantaged entrepreneurial students requires a supportive business incubation system. This chair will fund the attainment of knowledge pertaining to best practices of integrating college-level business incubation services with community development initiatives. The value of offering a business incubator for Valencia College students will be researched.

Yolanda Gonzalez, Professor, Spanish Howard L. Palmer Chair in Foreign Languages

\$4,500

Spanish Language Dialect in Colombia: Why Is It Considered the Standard for the Teaching of Spanish?

Yolanda will travel to Colombia to experience firsthand the culture, linguistic variations, history and geography of the country. Colombian dialect is considered standard Spanish when learning the language, not Castellano. Experiencing this firsthand will help her to make better decisions when revising curriculum. Yolanda will explore the possibility of collaborating with colleagues teaching the Heritage Speaker course and Intermediate Spanish to design a study abroad program during summer term. She will also add a short lecture on diversity in the Spanish language/culture.

Upasana Santra and Katie Pridemore, Professors, Mathematics Raymer F. Maguire Jr. Chair in Mathematics

\$4,400

Bridge to Data Analysis: Creating a Community of Learners Through Interdisciplinary Partnerships

Students at Valencia College currently engage in research projects that often lack strength in data analyses and fall short of being considered for publications. On the other hand, students in STA 2023 lack access and experience with meaningful real-life data analysis, which is at the core of Valencia's Math Pathways Working Theory 1. By matching STA 2023 students with research students, we aim to create a community of learners through collegewide interdisciplinary partnerships.

Steven Cunningham, Professor, English for Academic Purposes Sue Luzadder Chair in Communications

\$4,000

Exploring Two Modalities: F-2-F Versus Online Teaching and Learning

Steven will conduct a comparative study of face-to-face and online classes from the perspectives of teaching and learning. Last year, he studied Italian online while under lockdown in Italy. Now, he will return to Italy to study Italian face-to-face in order to reflect on the differences between teaching and learning online and face-to-face, as well as assess the benefits and drawbacks of teaching and learning in these two modalities.

Vasudha Sharma, Professor, Chemistry Wayne Densch Chair in Geriatrics

\$7,100

Creation of an OER to Create Authentic and Equitable Learning Experiences in Organic Chemistry with Focus on Molecules That Impact or Intervene Geriatrics — Aging, Aging-related, Health and Disease Processes

This chair will be used to support the generation of a digital library of core concepts within organic chemistry with emphasis on molecules and mechanisms that can intervene geriatrics — such as aging, age-related disease health issues — to be available in East Campus Science (open for collegewide adoption as open educational resource).

Lisa Macon, Professor, Software Development John and Florence MacLeod Chair in Business

\$5,200

Closing the Gap for B.A.S. Students

Our program learning outcome assessment process has revealed that approximately 25% of all B.A.S. students have taken a break of at least one year between Associate degree completion and commencement of their Bachelor's degree program. These students are struggling more than students who transition directly from the A.A./A.S. to the B.A.S. in terms of prerequisite course content. This chair will be used to put together a series of modules to help students remediate for the CIS 3304C Management Information Systems course before beginning their B.A.S. program. B.A.S. Business and Organizational Leadership and B.A.S. Computing Technology and Software Development students are all required to take this course.

Shahnaz Kanani, Professor, Biology Chesley G. Magruder Foundation Chair in Allied Health

\$5,000

Endocrine System Tutorial

This chair will be used to develop a tutorial that could be embedded into BSC 2094C professors' courses collegewide, mainly for students who want or need to have a review about the endocrine system before taking BSC 2094C. The use of this tutorial is helpful to students enrolled in BSC2094C courses, especially those who submit NEC course substitution requests to transfer only their BSC 2085C classes, when they do not include the endocrine system.

Marsha Butler, Professor, New Student Experience Lester N. Mandell Chair in Natural and Physical Sciences

\$4,100

Ocean Conservation and Sea Turtle Preservation

Students will travel to Greece and the Greek Isles to learn about sea turtles and ocean conservation efforts. The students will actively engage in 24 hours of service-learning on sea turtles and ocean conservation. Before their trip, the students will spend time learning about sea turtle preservation and ocean conservation by visiting a facility located on Florida's East Coast. While in Greece, students will engage in service focused on the importance of ocean conservation and how this affects sea turtles. Students will spend time conducting beach clean-ups, learning about rehabilitation efforts for sea turtles and clearing the beach to ensure sea turtles can nest on the beaches in Greece.

2021 – 2022 Endowed Chairs for Learning Leadership Distinguished Professors — Category Two

Paula DaSilva, Professor, Education
Raymer F. Maguire Jr. Teaching Chair
\$18,000

Valencia STEMship

The Valencia STEMship project will use awarded funds to convert a retired ambulance into a mobile STEM teaching and learning lab. This high-impact project would serve two main purposes: provide immersive STEM learning experiences for elementary age children who attend schools in areas that lack access to high quality STEM experiences; and create opportunities for Valencia College education students to complete state-mandated hours of field experience by collaborating with STEM faculty and local partners in the development and implementation of age-appropriate standard-based lessons for the Valencia STEMship.

Raul Valery, Professor, Music Production
Technology Walt Disney World Chair in Film
Technology

\$7,000

Film with Dolby Atmos soundtrack

Valencia College will commission the writing of a film script for a five to 10-minute short to be produced by Valencia Film program students and staff. The College will commission a composer to write an orchestral theme and score for the short, and following, students will record the orchestra in our studios and mix the soundtrack in Dolby Atmos Theatrical in our facilities. Accompanying documentary will be produced by digital media students.

Lisa Gray, Professor, Accounting
Dr. P. Phillips Foundation Chair in Free Enterprise
\$7,000

New York City Trip to Learn About Free Enterprise and Careers in Business

During the Spring 2022 term, a group of students that are studying business will spend three days visiting New York City's financial district, including the New York Stock Exchange and the headquarters of Fortune 500 companies. The goal of the program is to help business students improve their understanding of the free-enterprise system and career options related to their major.

Jeffrey Janelle, Professor, Graphic Design
University Club of Orlando Chair in Advanced
Computer Technology

\$6,300

In today's world, students in the Interactive Specialty of the Graphic Design program need to be versed in designing for a variety of interactive media, while also having a forward eye on trends in emerging technologies. To supplement current curriculum changes supporting a more well-rounded approach to interactive design, this chair will allow the College to purchase new interactive design lab equipment.

Heith Hennel, Professor, Information Technology
SunTrust Chair in Economic Development and
Business Education

\$5,200

Equitable Business Practices and App Design

This chair will be used to allow Heith to take students abroad to learn how businesses are using technology to enhance their equitable business practices. They will visit London, England, as it has a large concentration of international businesses as well as startups. Students will also analyze how Brexit affected business relationships with the European Union and the United States.

Nelson M. Placa, Professor, Hospitality Management
Central Florida Hotel and, Lodging Association
Chair in Hospitality Management

\$4,700

Experience the Restaurant Industry Through the Largest Restaurant Conference in the World

This chair will support up to 10 students to attend the 2022 National Restaurant Association Show in Chicago. This conference is the leader in providing a forum for and facilitating the exchange of knowledge, ideas, research, industry trends, products and services related to education, training, resources and development for the restaurant and culinary arts industry.

Andrew Ray, Professor, Building Construction Technology Hubbard Construction Company Chair in Technical and Engineering Programs
\$4,600

Surveying with Drones

Drone footage is popular on YouTube but also makes surveying and roof inspection efficient and safe. These funds will purchase two UAV's (drones) to benefit the Built Environment programs, particularly the more than 200 students with declared majors in civil/surveying. Included is also training and testing costs for our faculty and lab managers to become FAA certified.

Richard Sansone, Professor, Portuguese Tupperware Corporation Chair in Community Quality
\$4,400

Expanding Student Horizons Internationally Through Technology

This chair brings the world to Valencia by developing contacts overseas who prepare presentations on different aspects of their cultures that they then beam into students' classrooms and living rooms via Zoom. With cellphone technology, these contacts record different aspects of life in their worlds, which are edited into dynamic, interactive presentations that they moderate in a series of live Zoom sessions to bring his classroom to life and inspire student learning.

Craig Rapp, Professor, Hospitality and Tourism Central Florida Restaurant Association Chair in Restaurant and Food Service Management
\$3,900

Taking Students to the 2022 National Restaurant Show in Chicago and/or Connecting With Industry

Craig will take hospitality students to the National Restaurant Association's annual international trade show in Chicago. This is one of the largest and most impactful hospitality shows in the world. If travel is restricted, the funds will be used to host hospitality guest speaker/chef events at the Downtown Campus.

James May, Professor, English as a Second Language Jessie and Eugene Drey Endowment of English-Speaking Union Chair in English and Humanities
\$3,500

Learning Apple to its Core: Becoming a Certified Apple Teacher

According to Piper Sandler's Semiannual "Taking Stock with Teens," 85% of teens currently own an iPhone, and 88% say an iPhone will be their next phone. James will purchase technology, software and equipment that he will use on his journey to Apple's core and becoming a Certified Apple Teacher. He will also create and share video-on-demand resources, techniques and best practices for using iOS devices to expand global communications and improve learning in Canvas at Valencia.

Suzanne Salapa, Professor, Dance Universal Orlando Chair in Arts and Entertainment
\$3,400

José Limón Dance Foundation Dance Residency

This chair will support a dance residency/master class program with internationally renowned artists of the José Limon Dance Foundation Residency (virtual or in person). Classes and rehearsals will take place over a five to seven-day period and will introduce both the dancer and faculty to the innovative and diverse choreographic approach unique to Limón's versatile and legendary repertory.

Kenneth Bourgoïn, Professor, Culinary Management HuntonBrady Architects Endowed Chair in Hospitality Management
\$2,800

Student Culinary Olympics

This chair will be used to bring the culinary student team to the world culinary competition stage at the Culinary Olympics in Stuttgart, Germany.

**Lauren Thomas, Professor, Mathematics
Harry J. and E. Mary Hobbs Teaching Chair
\$32,500**

VAHA Presents: The Black Health and Wellness Initiative

The Valencia African Heritage Association (VAHA) will use the funds to develop and facilitate a variety of learning experiences for Valencia's students, employees and community partners that highlight issues that are faced by the Black community and are influential to mental and physical health.

Tim Grogan, Professor, Biology, and Diane Reed, Professor, Nursing Ira Vinson Henderson Chair in Nursing & Allied Health

\$10,200

Improving Student Performance in Nursing Curriculum Linked to Prerequisite Course Outcomes

This chair will be used to improve student performance in Nursing and Allied Health programs by having faculty use design software to map particular learning outcomes and activities in prerequisite science courses to specific courses and outcomes in the nursing curriculum; having faculty participate in an organization (HAPS) investigating methods of prerequisite course structuring; and, having faculty and students use high-grade, 3-D anatomy/physiology software.

**Jonathan Lair, Professor, Political Science
Cliff & Daisy Whitehill Chair in Legal Studies
\$4,600**

Study Abroad: Connecting Learning Across Disciplines and Continents

This chair will help supplement the cost for curricular and co-curricular activities for Honors students enrolled in the IDH 2955 study abroad course while traveling to the Netherlands. Students will travel to Hague, Netherlands, considered the international law capital of the world, to learn about international law, norms, equity and human rights.

**Christy Cheney, Professor, Student Life Skills, and Suzette Ashton, Professor, Speech
Raymer F. Maguire Jr. Endowed Chair in Communications**

\$3,500

Study Abroad: Connecting Learning Across Disciplines and Continents

The Honors Interdisciplinary Study Abroad course (IDH2955) builds on an established, ongoing partnership between Valencia's Seneff Honors College and Koning Willem I College (KWIC) in Hertogenbosch, Netherlands and a reciprocal study abroad exchange. Through this unique exchange program, Valencia honors students will strengthen their understanding of culture by developing cross-cultural communication skills. They will recognize both differences and similarities among their Dutch classmates in order to effectively engage with one another. The first part of the exchange will occur in early 2022 when students and faculty from KWIC will visit Valencia. Valencia students will reunite with them on their campus in May 2022.

**Kristin Abel, Professor, Theater Technology
SunGard Endowed Teaching Chair in Computer Science**

\$3,200

Escape Room Puzzle Design and Fabrication

This project focuses on designing and fabricating escape room puzzles and interactive effects while exploring how to use them as learning activities to enable Live Entertainment Design and Technology students to strengthen planning, problem-solving and project implementation skills.

**Sharon May, Faculty, New Student Experience
BellSouth Chair in Communications and Engineering Technology**

\$2,600

Enhancing Communication and Teaching with ThingLink

ThingLink is a new tool that makes it easy to enhance images, videos and virtual tours with content and links. The enhanced interactive pictures, videos and 3D walkthroughs are also embeddable in Canvas and ADA accessible via an integrated reading tool. Currently 173 faculty across the College use the free version of the tool. This chair will be used to purchase pro licenses and learn/share best practices for this new technology while creating free learning content for New Student Experience students.

Eunice Laurent, Professor, Biology
Chesley G. Magruder Foundation Chair in Health
& Life Science

\$2,000

Improvements in Laboratory Exercises

This chair will be used to develop the laboratory component of the general biology and the microbiology classes at the Poinciana Campus. Because of the shared laboratory for chemistry, general biology I and II and microbiology, lab experiments must be streamlined to help with transition between classes. This includes modifying the labs and decreasing the amount of waste generated. Funds will be used to purchase chemicals and additional equipment to help make these improvements.