FDLA & FAMTE 2021 Vitural Conference Emering with New Digital Potentials

Contents

👏 # Thank You to our Sponsors!

University of Florida: Diamond Sponsor

👏 # Acknowledgements

Conference Committee Members:
Hui Fang Huang Angie Su: (Co-chair)
    Nova Southeastern University
Victoria Brown: (Co-chair) Florida Atlantic University
Jia Borror: Awards Co-chair
Jamie Manburg: Nova Southeastern University
Amanda Major: University of Central Florida
Susan Stephan: Nova Southeastern University
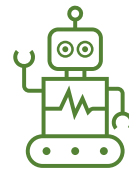Amy Sugar: Awards Co-chair

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Digital Potentials

Conference Zoom LINK

https://zoom.us/j/7907894901

SKIES LEARN LINK

FDLA Conference (skieslearn.com)

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President's Message

Dear Friends of FDLA and FAMTE:

Welcome to Virtual Conference 2021! Once again, the conference committee has put together a great program with ideas and strategies for virtually educating K-20 students. Collaborating with the Florida Association of Mathematics Teacher Educators (FAMTE), the program informs participants of the latest developments in Distance Learning and academic content-related topics in Florida to narrow the gap between K-12 and Higher Education. Each year, the committee brainstorms ideas to enhance our contributions to distance education further; hence, we will present the Best Paper Award from conference 2020 published by *the FDLA* journal. A team of reviewers carefully reviewed the papers selected for the FDLA journal publication and the Transformations Journal for the Best Paper Award. We are also pleased to learn that our journals have improved our ranking tremendously due to our journals' increased citation.
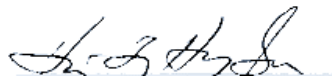
I would also like to thank the continued support from Dr. Brian Marchman, Assistant Provost and Director of Distance & Continuing Education (DCE) at the University of Florida as our Diamond sponsor. We also would like to thank the SKIES (https://skieslearn.com) team for providing the platform to carry out the virtual conference. A BIG "Thank you" goes to our presenters, who diligently prepared highly informative presentations with the latest educational tools, technologies, and services. Your dedication to distance learning, while not surprising, is appreciated. We are also grateful to the conference committee for their time and tireless efforts to help make this conference a success.

On behalf of the entire FDLA/FAMTE team, we urge you to take advantage of everything that this conference has to offer so that you will return to your work setting excited and empowered to lead your school and students to more significant learning experiences. We appreciate that faced with many options and limited resources; you have chosen to join us.

Please visit our website at http://www.fdla.com and https://amteflorida.wixsite.com/famte to learn how you can become an active member of FDLA or FAMTE throughout the year.

Thank you for your continued support and enjoy the conference!

Professionally yours,

Hui Fang Huang "Angie" Su, Ed.D.

President, *FDLA, a state chapter of the United States Distance Learning Association (USDLA)*
President, *FAMTE, a state chapter of the Association of Mathematics Teacher Educators (AMTE) and an affiliate of the Florida Council of Teachers of Mathematics (FCTM)*

Keynote Speakers

Thomas Cavanagh, Ph.D. is Vice Provost for Digital Learning at the University of Central Florida. In this role, he oversees the distance learning strategy, policies, and practices of one of the nation's largest universities. A national leader in digital education and academic innovation, he has been recognized with numerous awards from organizations such as the Online Learning Consortium, the United States Distance Learning Association, the IMS Global Learning Consortium, and the WICHE Cooperative for Educational Technology. He is a frequent speaker at industry conferences and often consults with other institutions regarding academic innovation. He is active in the higher education community and serves on several national advisory boards. He is also an award-winning author of several mystery novels.

Robert C. Schoen, Ph.D., is the Associate Director of LSI's Florida Center for Research in STEM (FCR–STEM). His research experience extends from the development of educational and psychological measurement instruments and in-depth study of student mathematical thinking to the mathematical education of teachers and rigorous evaluation of the effectiveness of educational interventions. He has served as co-principal investigator for several research projects. Through these projects, Dr. Schoen has developed and sustained collaborative professional relationships with principals, teachers, and district staff and has gained valuable insights into program development, implementation, educational measurement, and evaluation of educational interventions in varying local contexts.

Chief Kerr brings more than 30 years of experience to her position as Fire Rescue Chief. She oversees a staff of more than 450 professional firefighters and administrative personnel and directs day-to-day operations for the fully accredited department that responds to more than 54,000 calls annually. A fourth-generation firefighter, Kerr began her career in the fire service in 1983 with Fort Lauderdale. Over the next 20 years, she steadily rose through the ranks serving as a Firefighter, Driver/Engineer, Lieutenant, Battalion Chief, Division Chief, and ultimately, Fort Lauderdale's first female Deputy Fire Chief. In December 2016, Chief Kerr was appointed by President Barack Obama to the National Infrastructure Advisory Council, where she, along with academic, public, and private sector experts, advises the sitting President on matters regarding the security of critical infrastructure and related information systems. Chief Kerr holds a Master's in Public Administration, a Bachelor of Arts degree in Physical Education and Health, and an associate degree in Fire Science Technology. In addition, she earned two certifications from Harvard's program for Senior Executives in State and Local Government and is a graduate of the Executive Fire Officer Program

Dr. Tartar is a Professor of Neuroscience at Nova Southeastern University. She earned her Ph.D. in the Behavioral Neuroscience program at the University of Florida. Her research focuses on discovering long-term changes in neurobiological pathways involved in stress responses and developing animal models of stress. Dr. Tartar has also completed Postdoctoral Training at Harvard Medical School, where she studied neurological consequences of sleep perturbations using in vitro electrophysiological recording techniques. She also received training in Sleep Medicine at Harvard Medical School. She is the President of The Society for NeuroSports- an academic organization for Sports Neuroscience. Dr. Tartar's current research is focused on stress, sleep, and athletic performance in humans.
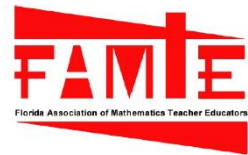
Dr. Jon M. Garon is Professor of Law and Director of the Intellectual Property, Cybersecurity, and Technology Law program at Nova Southeastern University Shepard Broad College of Law, teaching Constitutional Law, Contracts, Entertainment Law, and many other courses. He is a nationally recognized authority on entertainment law, copyright, information privacy, technology regulation, and free speech. He has published over 50 books, book chapters, and academic articles, and he has presented at more than 200 programs. A Minnesota native, he received his bachelor's degree from the University of Minnesota in 1985 and his Juris Doctor degree from Columbia University School of Law in 1988. Professor Garon served as dean for NSU's Shepard Broad College of Law 2014-2020, providing strategic leadership on programming, curriculum, enrollment management, marketing, and finance. Before joining Nova Southeastern University in 2014, Garon was the inaugural director of the Northern Kentucky University Salmon P. Chase College of Law, Law + Informatics Institute, serving from 2011-2014. The Law + Informatics Institute works to integrate specialized courses and training on technology and information systems across legal disciplines. He also served as dean and professor of law at Hamline University School of Law in St. Paul, Minnesota, and interim dean of the Graduate School of Management from 2005 to 2006. Before Hamline, Dean Garon taught Entertainment Law and Copyright at Franklin Pierce Law Center in Concord, New Hampshire, and Western State University College of Law in Orange County, California.

Conference Schedule

Times in Eastern Standard Time

Wednesday, September 29, 2021

8:00-8:55 am	**Preconference Activity** **Dolphin Room: Have coffee with Co-founders of Skies, Julius Su & James Maloney**
9:00- 9:55 am Digital Learning Keynote	**Dolphin Room:** **Digital Learning and the Transformation of the Academic Enterprise: Breaking the Iron Triangle** **Keynote: Dr. Thomas Cavanaugh, Vice Provost for Digital Learning, University of Central Florida** **Moderator:** Brian Marchman The COVID-19 pandemic has forced higher education to confront digital learning in a new way. With traditionally face-to-face courses being migrated to emergency remote instruction, students, faculty, and administration have all had to navigate a transformative online education model. Yet, amid these challenges lie opportunities to better serve students across all three domains of the iron triangle: Access, Quality, and Cost. By drawing on examples from the University of Central Florida, this presentation will explore how digital learning strategies can be employed to help break the constraints of the iron triangle.
10:00-10:55 am	**Concurrent Sessions** **Dolphin Room:** **Moderator: Jia Borror** **Session 1:** **Using Robotics to Teach Computational Thinking Skills to K-12 Educators** **Presenters:** **Jillian Powers, Ann Musgrove, Victoria Brown, & Mohammad Azhar**

Due to the challenges that students were experiencing throughout the pandemic lockdown this past year, building in additional motivational elements into an undergraduate course was important for the success of the students. Gamification has the potential to unleash motivational elements in a course. A course redesign used additive grading, progress bars, instructional challenges, strategic manuals, training manuals, leadership boards, and badging to increase motivation. Results were 100% of students starting the course finished.

Session 2: LTIs: The Superheroes that you need to be using TODAY!
Presenters: Tina Calandrino & Elisabeth Sutliff

Active Learning! Gamification! LTI plug-ins! All these buzzwords are recurring themes in the online ecosystem that gained prominence during the pandemic. Students are in high need of these digital learning tools that are not only motivating and engaging, yet also makes the e-learning environment more enriching. Learning Tools Interoperability integrations (collectively known as LTIs) are a rapidly developing and changing area that leads teachers and instructional designers overwhelmed at the choices of these new innovations for managing their digital platforms.

Manatee Room:
Moderator: Shelly Wyatt

Session 1: Key Strategies for Effective Pedagogy and Assessment of College STEM Courses Online during COVID-19
Presenters: Santanu De & Georgina Arguello,

COVID-19 necessitated college students, faculty, and administrators to rapidly restructure teaching and assessment strategies for continuing high-quality STEM education. The drastic switch to remote instruction and learning needed adoption of innovative methods of synchronous and asynchronous e-pedagogy, online assessment tools, and digital anti-plagiarism technologies. This presentation will demonstrate evidence-based STEM higher educational practices and recommendations reported to foster student engagement and promote conceptual learning in college during the pandemic, while maintaining academic rigor and integrity.

Session 2: Fostering Students' Productive Struggle Using Demos during Blend-Flex Learning
Presenters: Sandra Trotman & Joseph Reed

Learning mathematics is a challenge for some high school students; a challenge now compounded by the COVID-19 pandemic and the rapid shift to remote learning. It is within this climate, one teacher attempted to use a blend-flex model of mathematics instruction to effectively help high school students understand concepts of Algebra and Geometry. This presentation describes some students' productive struggle as they solved problems using the digital platform, Demos in a blended learning environment, and suggests ideas for research and instruction.

Heron Room:
Moderator: Shernette Dunn

Session 1: Struggling Virtual Learners
Presenters: Rebecca Armstrong & David Hart

The popularity of virtual learning college programs continues to rise; their effectiveness, cost, convenience, and flexibility allow students to be successful in any given area of study. However, challenges may also exist, and it is essential to know how to overcome those challenges. This presentation will provide a variety of strategies to assist in academic success and completion of the online learning degree program.

Session 2: The Never Ending Intellectual Theft of Truth: How the Mainstream Media Cartel Dismembers the Facts
Presenters: David Brian Ross & Gina Lynne Peyton

An examine how *Digital Citizenship* and *Digital Literacy* will be explored using various examples of obtaining genuine information and use of devices. The use of information must be truthful as education is to give students the opportunity to be liberated from many systems of control. Positive freedom is where students who are given the correct means and information can make their own judgements and see things another way and one day develop into teachers themselves.

11:00-11:55 am	**Dolphin Room:** **Computational Antitrust: How the Enforcement of the Microsoft Final Judgment created a New Field** **Special Speaker: Ron Schnell** **Moderator:** Jamie Manburg The Federal Trade Commission and the Department of Justice are responsible for enforcement of antitrust law in the United States. In the past, "landmark cases" that have been exemplar included companies like U.S. Shoe and Standard Oil. Today, the largest antitrust case in US history was US v. Microsoft, and regulators are constantly considering actions against companies like Google and Facebook. How can government agencies that are notorious for being technically un-savvy enforce highly technical remedies in antitrust cases against leading-edge companies? Professor Schnell will discuss his experience in doing just that in the US v. Microsoft case, and how his techniques are impacting how future antitrust cases are being considered.
12:00-12:55 pm	**Dolphin Room:** **Higher Ed Panel: Pathways for Digital Learning in Higher Education** **Panel Chair:** Amanda Major Having navigated the obstacles presented by the pandemic, digital potentials are plentiful for higher education. In this panel session, uncover the numerous pathways institutions could take for sustaining the momentum of digital learning innovations. A cast of distinguished characters (i.e., panel of higher education design leaders) will bounce ideas and projections off each other to explore how digital learning drives innovations in courses and online programs, advances affordable learning through open education resources, bridges inequities, and supports higher education in general. **Panelists:** • Dr. Jason Drysdale, Senior Director of Instructional Design and Program Development, Office of Digital Education, University of Colorado System • Dr. Rohan Jowallah, Senior Instructional Designer, University of Central Florida • Dr. "Lena" Olena Zhadko, Director Online Education, Lehman College • Dr. Shubha Kashyap, Director of Online Learning Design and Innovation, University of Michigan, College of Engineering • "Gaby" Gabriela Alvarez, Director, Learning Design & Innovation, Florida International University
1:00-1:55 pm	**Concurrent Sessions** **Dolphin Room:** Moderator: Gina Peyton **Session 1:** Facilitating the Development of Preservice Teachers' Diagnostic Competence using TeachLive Virtual-Reality Simulations **Presenter: Enrique Ortiz** This study involved the use of TeachLive simulation diagnostic tasks to assess pre- and diagnostic competence self-efficacy. Diagnostic competence involves the teachers' ability to listen and notice student thinking in a profound manner. The participants were presented with mathematics error patterns simulations and allowed to practice critical aspects of the diagnostic process. This participation lasted about ten minutes for each participant. The error patterns involved subtraction computation of two- and three-digit numbers. **Session 2:** Digital Potential: Gamification of Canvas Courses **Presenter: Victoria Brown** Due to the challenges that students were experiencing throughout the pandemic lockdown this past year, building in additional motivational elements into an undergraduate course was important for the success of the students. Gamification has the potential to unleash motivational elements in a course. A course redesign used additive grading, progress bars, instructional challenges, strategic manuals, training manuals, leadership boards, and badging to increase motivation. Results were 100% of students starting the course finished. **Manatee Room:** Moderator: Jia Borror

Session 1: Improved Learning Through Meaningful Engagement: Emerging Connections

Presenters: Ashley Salter, & Stephen Heglund

This presentation will address the significant questions of promoting meaningful engagement in the distance learning setting while addressing the unique needs of all student profiles, from high achievers to struggling students. It will include strategies attendees may put into immediate practice by harnessing the resources already at their disposal without the additional technical expertise requirements for their students. The digital potentials are endless by using the simple pedagogical and design principles presented.

Heron Room:
Moderator: Vanaja Nethi

Session 1: What About the Adjuncts? Online Faculty Development for Part-Time Instructors
Presenter: Charlotte Jones-Roberts

According to the American Association of University Professors (2018), across the United States some 73% of all positions for faculty are off the tenure track. This number is staggering when considering that these faculty are often considered a short-term investment for the universities which hire them, feeling ultimately unsupported and unsatisfied (Brennan & Magness, 2018). This presentation seeks to inform and offer solutions for part-time faculty development through an analysis of over 600 surveys and interviews. Additionally, through audience engagement, we seek to begin a discussion around this important topic.

Session 2: Supporting Diversity, Equity, and Inclusion for Culturally Diverse Online Learners
Presenter: Shernette Dunn

Cultural background can impact student performance in online courses. However, few studies have examined what cultural variables are the most impactful upon learning. This study uses survey data and interviews to gather information about students' personal experiences as they interact with both the academic material and student support services. The cultural variables with strong impact included native language and prior educational experiences. Other variable that are not as strong include ethnicity, country of origin, age, and gender. This presentation highlights the importance of culture as it impacts attrition rates in higher education setting.

2:00-2:55 pm	**Concurrent Sessions**

Dolphin Room:
Moderator: David Ross

Session 1: Engaging Special Education Struggling Learners in a Virtual Setting

Presenters: Kelia Ocasio Clemente, Sandra Trotman, & Maria Grethel Mendez

The presentation building supportive online learning environments to meet the needs of struggling students embodies the efforts of a Special Education (SPED) teacher at meeting the needs of SPED learners. WhatsApp, Zoom, and Teams' platforms were used to facilitate instruction thereby providing equitable learning while addressing the challenges experienced by these learners, their parents, and teachers. Strategies for using these platforms to facilitate and monitor these learners' academic and social-emotional learning will be shared.

Session 2: Usefulness and Effectiveness of Automated Real-Time Captions/Subtitles to Implement Universal Design for Learning in Live Presentations
Presenters: Anymir Orellana, Georgina Arguello, & Elda Kanzki-Veloso

Presentation tools like Microsoft PowerPoint Present Live (MSPL) with features of real-time automated captions/subtitles have enabled educators to offer a text-based alternative to auditory information during live presentations, as suggested in the Universal Design for Learning Checkpoint 1.2. We present findings of a study using MSPL feature of captions/subtitles to determine participants' challenges when using the feature; their description of potential uses, challenges, and benefits; and the accuracy/quality of captions/subtitles in English and Spanish.

Manatee Room:
Moderator: Jamie Manburg

Session 1: Creative Learning of Sciences: e-Project Based Service Learning
Presenter: Michael Zelin & Kasyapa Chitta

A new online platform makes learning Sciences fun: students create their online posts, cross check each other work, and collaborate. They can add music, images, and videos to make their posts more interesting. This e-Project Based Learning facilitates learning and leverages value of student work. Schools, educators, students can click just one button and create their own galleries – see here an example for Math **http://www.sponsorschoose.org/math** and here for Biology **http://www.sponsors choose.org/biology** or use templates with numerous resources. They can showcase student works in e-portfolios with links of good-cause projects and sponsors added to the student created pages. The system can also be used for identifying best practices and for inter-department collaborative projects. Bring your laptop: create your own gallery and get free resources that you can use in your courses.

Session 2: Approaches to Implementing Virtual Reality for All
Presenters: Amy Sugar & Kathleen Bastedo

The potential of using virtual reality in education has been discussed for several years, but for many educators at both the K-12 and higher education levels that do not have knowledge or access to VR hardware, software, and a programming team to build custom learning experiences, they are still unsure of how they can utilize this immersive technology. During this presentation, we will share practical approaches to help K-12 and higher education identify how they can start implementing VR in their courses, beginning with low-tech and bring-your-own technology options. One of the main themes of the presentation will be access: access to available technology, access to VR experiences, and accessibility considerations. In addition to the technical accessibility considerations, we will also discuss the consideration of invisible disabilities and possible emotional triggers for students when experiencing VR.

Heron Room:
Moderator: Shernette Dunn

Session 1: COVID-19 and Other Natural Disasters and the Need for a Social-Emotional Approach to Teaching and Learning
Presenters: Berta Capo & Wilma Melendez

Educators must meet students' needs during present-day stressful times. COVID-19 and climate change are ongoing threats. Climate change may be involved in the frequency of multiple natural disasters (e.g., fires, floods, heatwaves, storms). These new threats require a socio-emotional approach to teaching and learning. Technology proved a savior to education during the pandemic, but emerging New Digital Potentials must address the added needs of students by considering the socio-emotional needs of students.

Session 1: Mentoring: Harnessing the Power of Relationships
Presenters: Ashley Salter & Elizabeth Sutliff

Mentoring is a notable trend that educators use to pass on proficiencies and skills from one individual to another. This round table discussion will address the demand for development opportunities like mentorship programs to improve engagement and cultivate professional growth. By focusing on ways to bypass potential barriers and uncover valuable learning experiences for interns and colleagues, participants will gain insight into how to help mentees develop in their roles.

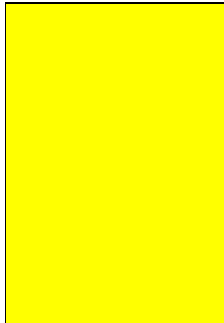|	
3:00 -3:55 pm	**Dolphin Room:** **K-12 Panel:** The Caring Connection **Panel Chair Melinda Coleman** Student learning needs are varied due to online learning and blended learning experiences resulting from the 2020 school year. Schools and teachers are now confronted with urgency to determine if new digital potential included in student learning needs is about caring support. Shifting teacher practice should be linked to specific student learning needs. A panel discussion of research and application from the district and building instructional administration will share how a school's climate of caring is a foundational approach that impacts student learning gaps. **Panelists:** Phillip M. D'Amico, Middle School Principal, The School District of Palm Beach County Joseph M. Lee, Ed. D, Instructional Superintendent – Secondary, The School District of Palm Beach County

	Jon R. Prince, Ed. D, Deputy Superintendent, St. Lucie Public Schools
4:00–4: 55 pm	**Dolphin Room: Yoga Session with Charlotte Jones-Roberts** **Moderator: Amanda Major** **Manatee Room: Zumba Session with Yesenia Gomez** **Moderator: Angie Su** **Heron Room: Fitness with Nick** **Moderator: Jamie Manburg**

Thursday, September 30, 2021

<table>
<tr>
<td colspan="2">Preconference Activity: Poster Sessions
Dolphin Room:
Moderator: Berto Capo</td>
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<td>8:00- 8:55 am</td>
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<h3 align="center">Preconference Activity: Poster Sessions</h3>

Dolphin Room:
Moderator: Berta Capo

Poster Session 1: Expanding Access through UF Flexible Learning
Presenter: Andreas VanDenend

This presentation will go over UF Flexible Learning. This program provides self-paced online courses open to anyone no admission necessary. Students can enroll and start any time, have 16 weeks to complete, and receive a UF transcript upon completion. UF Flexible Learning offers several courses in a variety of subject areas.

Poster Session 2: Using Online Personas to Promote Faculty Empathy and Reflection During COVID-19
Presenters: Nicole Stahl & Debra Luken

Two activities were created for a professional development course aimed toward faculty learning how to teach online during the pandemic. For faculty who are new to online teaching, interacting with student personas can showcase a diverse set of student scenarios to help prepare faculty in handling unfamiliar situations with empathy and understanding. These activities were created using in-house programs and served as a beta test to improve upon future iterations of these personas.

Poster Session 3: Collaborating in a Hybrid Career Readiness Program for Early-Age Learners
Presenter: Georgina Arguello

Many school districts in the United States are implementing educational programs to prepare their students for success in post-secondary education and the workforce. For example, several elementary and middle schools in South Florida currently offer a career readiness program to help students develop skills and strengths and connect them to work-related lessons and activities. However, with the pandemic, this program switched to an online and hybrid format. This presentation will show how some partner teachers and volunteers of the career readiness program are using digital tools to engage students in different activities. Further, it will share strategies for virtual lesson presentations, activities, and field trips.

Poster Session 4: Inclusion of Soul Injury Pathways of Care for COVID-19 Families and Professional Healthcare Workers in Online Educational Nursing Programs
Presenters: Jamie Anne Marcus, Ron Assaf, & Kathy Assaf

The losses from the COVID-19 Pandemic should catapult Nursing programs to identify concepts of Soul Injury. A blended-learning analysis can be conveyed to nursing students in online virtual settings with a scripted role-playing scenario simulation video of a patient that is in the hospital with COVID-19 and his nurse that is viewed by the students. The students then critically-think in a post-debriefing to recognize and promote new Soul Injury pathways of care.

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<td>9:00- 9-55 pm
Health Sciences
DL Keynote</td>
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Dolphin Room:

A Brain Wellness Toolbox: How Modern Neuroscience Can Help Us Achieve Post-Pandemic Learning Goals.

Keynote: Dr. Jamie Tartar
Moderator: Jennifer Reeves

The COVID-19 pandemic has taken a heavy toll on education and has left students with a significant learning loss. As we win the battle against Covid-19 and venture back into classrooms and our routine learning environments, what steps can be taken to accelerate learning and help students fully realize their education goals?

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It turns out that human brains, especially young brains, are remarkably resilient and can flourish in astonishing ways *in the right environment*. Many factors that decrease learning and memory processes are environmental, and therefore mutable. This talk will specifically explore new understanding from the field of neuroscience on the considerable role of environmental factors on brain health. These include a new understanding of the timing of sleep in emotional wellness and learning, how social media can influence brain health, the impact of mindfulness practice on increasing attentional control, the remarkable ability of physical activity to increase learning and neuroplasticity, the role of stress reduction techniques in preventing neuron atrophy, and how breath control can decrease anxiety. The latest understanding from the field of neuroscience can be employed for easy-to-apply environmental shifts that can dramatically increase brain health and general learning and memory processes. To this end, the overarching goal of the talk is to provide a brain wellness toolbox for student learning as we "return to normal".

10:00-10:55 pm	**Concurrent Sessions**

Dolphin Room:
Moderator: JoAnne Glenn

Session 1: Excellence in Online Teaching Award: UCF's Process for Recognizing Exemplary Online Teaching
Presenters: Corrinne Stull & Kathleen Bastedo

In 2012, before UCF began to review its online courses for quality, the Chuck D. Dziuban Award for Excellence in Online Teaching was created. This award recognizes one UCF faculty member who has recently taught an exemplary online (W) course. The presenters will discuss the rubric, application process, and review process used. This session will also include how reviewing courses for quality has affected the way course nominations are evaluated and what a future purpose of this award will mean at the State level.

Session 2: Strategies to Support Today's Remote Graduate Students: The Power of Academic Coaching
Presenters: Georgina Arguello & Maria Grethel Mendez

Online graduate learners continuously encounter different challenges that do not allow them to succeed or even complete their academic programs. The pandemic has increased the difficulties faced by remote learners, forcing higher education institutions to develop new avenues to assist this population. Some institutions have successfully adopted academic coaching to support students in learning new content and teaching them how to access the different support systems and be successful in their personal, professional, and academic lives. We will discuss academic coaching strategies to support struggling remote students to succeed in their programs of study and their careers.

Manatee Room:
Moderator: Vicki Brown

Session 1: Using Escape Rooms to Engage your Students, Colleagues, and Staff!
Presenter: Jennifer Reeves

Interested in learning how to create your own virtual escape room? Join us for a hands-on workshop and learn how to create your own virtual escape room. Participants will bring their own escape room concept/idea they want to implement and work on developing the escape room components with hands-on support to guide them through the process.

Heron Room:
Moderator: Berta Capo

Session 1: Triple Junctions
Presenters: Tina Powell, Jessica Waltersdorff, Nicholas Anyanwu & Elesea Page

What are triple junctions and where are they found? This presentation will show what triple junctions are in the field of mathematics and how they are found in nature. This presentation will show how triple junctions are formed and how they relate to regular hexagons. There are activities to use that help students discover triple junctions.

Session 2: Using earth.nullschool.net to Track Global Wildfires in Online Science Education
Presenters: John Werner & Shelly Wyatt

Earth (earth.nullschool.net) is a fun, easy-to-use, and visually appealing tool for introducing students at the postsecondary (and advanced secondary) level to a variety of real-world satellite data related to meteorology and oceanography. A newly added tool allows for visualization of active wildfires. Wildfires

	impact humanity in numerous ways and are a subject of interest both inside and outside of the Earth and environmental sciences. Website interface and applications will be introduced in this talk.
11:00-11:55 am Mathematics Panel	**Manatee Room:** **Panel: CGI in Florida (Cognitively Guided Instruction)** **Panel Chair:** Robert Schoen (Florida State University) Approximately 3,000 teachers in Florida have participated in at least one year of CGI professional development between 2013 and 2021. Join us for a panel discussion on the CGI initiative in Florida. Panelists include a coauthor of the definitive CGI books, the CGI teacher PD program developer and coordinators, researchers and program evaluators, and a teacher who has been involved in the program to hear their perspectives on past, present, and future CGI efforts in Florida. **Panelists** Linda Levi, CGI Math Teacher Learning Center, Florida State University Roshanna Beard, Florida State University Claire Riddell, Florida State University Walter Secada, University of Miami
12:00-12:55 pm Generalist Keynote	**Dolphin Room:** **Improvise, Adapt and Overcome: Working from Home Was Not an Option for Fort Lauderdale Fire Rescue** **Keynote:** Rhoda Mae Kerr **Moderator:** Jamie Manburg The COVID-19 Pandemic changed our lives in many ways, the delivery of emergency services required the organization to be nimble and flexible. Protocols and standard operating procedures were being revised daily and creativity was necessary in obtaining critical supplies. While the majority of the city's workforce worked from home, first responders were on the front lines every day. As the fire chief, I have two priorities, first and foremost – take the very best care of the personnel. Second – deliver the highest quality of care and services to the community we serve. Number two cannot be accomplished without number one. To accomplish this during the pandemic we had to improvise, adapt, and overcome.
1:00-1:55 pm Law Panel	**Manatee Room:** **Panel:** Legal Issues in Online and Technology-Mediated Education **Panel Chair:** Susan Stephan Educational technologies seem more sophisticated each academic year. Online learning with the possible incorporation of social media, student engagement tracking, augmented and virtual reality, gamification, artificial intelligence, and collaborative environments, to name only a few, have the power to create powerful change the face of distance learning. As distance educators incorporate more of these tools, the legal landscape is also changing. Laws related to privacy, intellectual property ownership, Title IX compliance, employment law, and the overall legal and regulatory framework for the provision of educational engagement are important for institutions and educators to understand. This panel session, led by attorneys who also serve as legal educators and administrators, will help faculty and administrators comply with the university's legal obligations, protect themselves, and enhance the learning environments for their students. **Panelists:** Jon M. Garon, J.D., Shepard Law School, Nova Southeastern University Susan Hayes Stephan, J.D., Shepard Law School, Nova Southeastern University Vicenç Feliú, JD, D.D.M., M.I.I.S, Shepard Law School, Nova Southeastern University
2:00-2:55 pm	**Concurrent Sessions** **Dolphin Room:** **Moderator:** Vanaja Nethi **Session 1:** UF Advanced Mathematics for Accelerated Mathematicians **Presenters:** Andreas VanDenend & Iain Ferguson This presentation will review the IMACs/UF Dual Enrollment partnership that exists in Broward County. Middle school students in Broward County have the option to take an alternative mathematics curriculum called Elements of Mathematics Foundations (EMF). Once these students complete this

middle school program, they are eligible to take mathematics courses from the University of Florida through the UF Dual Enrollment Program.

Session 2: Digital Software - Using Gamification + Artificial Intelligence to Enhance Mastery of Math Content
Presenters: Jemar Green, Sandra Trotman, and Janice Watson Huggins

MyVLE (My- Virtual Learning Environment) Play is a new platform that promotes learning mathematics through play. The combination of gamification and artificial intelligence ensures enhanced student engagement while mastering the mathematics curriculum. The creation of this software stems from research answering the question, "How can technology aid struggling students' academic performance in mathematics?". Data were obtained by interviewing teachers, students, and principals from five (5) high schools in a suburban, high-risk area in Kingstown Jamaica.

Manatee Room:
Moderator: David Ross

Session 1: Miami Dade College's Learning Interactively in a Virtual Environment (LIVE) Modality
Presenters: Hanadi Saleh, Margaret Shippey, Jennifer Schneid, & Daymaris Alvarez

Join us to discover Miami Dade College's approach to helping professors learn to teach in a fully synchronous modality by modeling and presenting our training methods. Our pedagogy organically grew from the arising needs of professors brought about by the pandemic and was highly requested by faculty. Our feedback leads us to believe we've exceeded expectations and that our methods have been and will continue to be effective as this modality stays as a primary teaching mode at our institution.

Session 2: The Role of Alignment for Effective Class Design
Presenter: Mariam Manzur-Leiva

The pandemic generated opportunity for reflection in the effectiveness and quality of course design. This reflection opened the door to a significant learning experience for educators. They were able to assess their practice and make the necessary adjustments to better serve students. This presentation will focus on examining essential elements of course design that promote effective acquisition of competences and students' satisfaction.

Heron Room:
Moderator: Gina Peyton

Session 1: Preparing Spanish Language Students for Successful Internships: Using Adaptive Learning to Support Just-in-Time Acquisition of Industry-Specific Vocabulary
Presenters: Shelly Wyatt, Corrinne Stull, & Maria Redmon

Spanish language students who aspire to careers in translation and interpretation often find industry-specific vocabulary a challenge. To address this problem, personal adaptive learning (PAL) modules were created to specifically focus on building students' language competency in two popular internship fields: medicine and the legal field. PAL modules focusing specifically on professional vocabulary, incorporated into an internship Canvas companion course, constitute a new digital potential for just-in-time adaptive learning.

Session 2: The Language of Emojis in Interactions via Whatsapp: Attitudes, Age and Gender
Presenters: Glenda Gunter, Junia Braga, Jennifer Reeves, & Marcos Racilan

The role of emojis as an emergent Internet language in social spaces has grown abundantly, making it essential that instructors and researchers develop a better understanding of mobile technologies and this mobile language phenomena. This presentation further reports on an ongoing study that used an embedded correlational mixed methods design designed to identify which emojis were used to support cognitive, teaching, and social presences in a teacher education course via WhatsApp.

3:00-3:55 pm	**Dolphin Room:** Moderator: Vicki Brown **Session 1:** The application of Virtual Reality. . . Covid-19 Pandemic and Delta Variant **Presenter:** Jamie Anne Marcus Digital innovations of Virtual Reality represent an ideal medium to educate the public and healthcare workers about the Covid-19 Pandemic and Delta Variant. Historical review of Hospice nurses caring for

	Veterans with trauma prompted the identification of Soul Injury and the three stages of therapeutic care, re-owning, re-homing, and re-vitalizing. (Opus peace, 2021). Virtual Reality coupled with Soul Injury pathways of care will engage students and provide educational understandings for healthcare workers, families, and the public affected by the Covid-19 Pandemic. **Session 2:** Adaptive Learning, Equity, and Educational Leadership **Presenters:** Gabriela Mendez, Maria Mendez, & Shannon Ferguson The presenters will engage the audience in discussing curricular and program development. They will share their experience in designing, teaching, and learning in a Masters' program in Educational Leadership that focuses on equity through adaptive learning and simulations in Canvas.
4:00-4:55 pm	**Dolphin Room: Yoga Session Charlotte Jones-Roberts** **Moderator: Amanda Major** **Manatee Room: Zumba Session with Yesenia Gomez** **Moderator: Angie Su** **Heron Room: Fitness with Nick** **Moderator: Jamie Manburg**

Friday, October 1, 2021

8:00-8:55 am	**Preconference Activity: Coffee Brain Marchman** **Dolphin Room: Session 1: UF ADVANCED MATHEMATICS FOR ACCELERATED MATHEMATICIANS**
9:00-9:55 am **Mathematics Keynote**	**Dolphin Room:** **Evidence of Effectiveness and Key Features of a Teacher Professional Development Program Based on Cognitively Guided Instruction** **Keynote: Dr. Rob Schoen, Mathematics, Florida State University** **Moderator:** Angie Su Billions of dollars are spent annually on teacher professional development programs. Rigorous evaluation of their potential impact the intended outcomes is rarely done. Randomized controlled trials of mathematics teacher professional development programs often find little or no measurable effect on student learning, leading many researchers to conclude that teacher professional development program does not work. Three randomized controlled trials of CGI have been completed in Florida during the past eight years, and a fourth is ongoing. Results of those studies will be shared, and some of the key features of the CGI professional development programs that have been implemented in Florida will be discussed.
10:00-10:55 am	**Dolphin Room:** Moderator: Jennifer Reeves Session 1: Reframing the Challenges: Collaborating to help Pre-K students and Teachers Overcome Remote Learning Challenges **Presenters:** Sandra Trotman, Maria Grethel Mendez & Janice Watson Huggins As the world turned to remote learning, several developing countries were severely disadvantaged. Many children were struggling to get a basic education. This was mainly due to lack of resources, internet, and technology barriers which were further compounded by the remote rural location of these schools. This presentation describes challenges faced by two (2) pre-K schools due to digital accessibility, parental involvement, and student engagement in online learning. Collaborative activities were developed to address these challenges. **Session 2:** Using Perusall in an Online Doctoral-Level Course to Promote Student Engagement **Presenter:** Vanaja Nethi In this session, I discuss Perusall, a social learning online platform designed to enhance student engagement by promoting active participation and shared meaning-making. I share my experiences and student perceptions of using Perusall in an online doctoral-level research course in an Ed.D. program. I also consider the overlap between the pedagogical elements of Perusall and the Community of Inquiry (CoI) framework, specifically social presence, and cognitive presence necessary for collaborative-constructivist learning experiences. **Manatee Room:** Moderator: Nancy Swenson **Round Table:** Guardrails in Promoting Efficacy and Integrity of Distance Education in Higher Education **Presenter:** Linda Simunek A confluence of socio-cultural, and academic developments spawned in part by the commodification of education, spinning of virtual and online instruction by university systems such as Penn State's World Campus, California Virtual Campus, Purdue Global University blurring between private and public institutions of higher learning, changing student demographics, administrators, faculty and student's concern for costs, accountability for learning outcomes, the internet of things, the emergence of digital innovations such as artificial intelligence, virtual reality, quantum computing, gaming strategies, among others, prompted this proposal to share guardrails in maintaining the efficacy, and integrity of distance education strategies in higher education.

	Heron Room: Moderator: JoAnne Glenn **Session 1:** Liven Up Your Virtual T&L Environment with MDC Live **Presenters:** Daymaris Alvarez, Jennifer Schneid, Margaret Shippey, & Hanadi Saleh Session Type Pearls of Wisdom with a 5 minute presentation with follow-up questions. MDC LIVE would like to give educators a snapshot of some of our faculty's best practices to use in the virtual environment. Our faculty will provide a glance into their virtual classrooms and the technology tools they use to create engagement and active participation. Our goal is to create a virtual live environment that leverages the synchronicity of a face-to-face setting, while providing an equitable learning experience. The success of the virtual environment comes from the ability to create a learning community. Here at MDC, we want to create a learning community amongst educators, who can teach and learn from one another. We are determined to promote a cognitive, social, and teaching presence in the virtual classroom, and we'd like to demonstrate how. **Session 2:** Planning a Community Hack Week Start early at 11:10 AM **Presenters:** Charlotte Jones-Roberts, Jacob Bates, Jim Paradiso, & Susan Jardaneh This session will guide attendees through the creation of a community hack week—an opportunity for the TOPkit Community and beyond to work together to create open hacks/solutions for their biggest challenges. A hack week encourages collaboration to create content in bite-size chunks, and attendees will create an openly-licensed educational resource (OER) to share with the entire TOPkit community and the world.
11:00-11:55 pm **Educational Law Keynote**	**Dolphin Room:** **Virtual Loco Parentis: Empathy, Engagement, and Expectations for Online Faculty** **Keynote: Dr. Jon Garon, Shepard Law School, Nova Southeastern** **Moderator:** Susan Stephan When students study online, the world is their classroom, but it is an environment comprised of a learning management system, live videoconferences, and social media interactions. To maximize learning when online, faculty strive to promote interactive experiences, positive engagement, and supportive learning environments. This presentation explores the best practices for building and promoting an online environment based on student empathy, engagement, and high expectations, It also explores the limited legal authority faculty and schools have over the virtual environment and the strategies faculty and administrations can use to resolve conflicts that arise.
12:00-12:55 pm	**Dolphin Room:** **Awards Panel** **Chairs:** Amy Sugar & Jia Borror Award winners will be sharing their background and highlights or the program or project that has led to their achievements in the field of distance education. **Award Winners** Distinguished Service: Sarah Ransdell, Nova Southeastern University Innovative Leadership in Distance Learning K-12: Kristen Condella, Monroe County School District Innovative Leadership in Distance Learning Higher Ed: Honggang Yang, Nova Southeastern University Outstanding Leadership in Distance Learning: Victoria Brown, Florida Atlantic University Excellence in Teaching and Training in Distance Learning: Glenda Gunter, University of Central Florida Visionary Award in Distance Learning: George Hanbury, President of Nova Southeastern University Best Paper Award: Theresa West, Technical College System of Georgia: "Looking Through the Lens of Online Faculty in Higher Education"

1:00-1:55 pm		**Dolphin Room:** **Social Networking with Angie Su President of FDLA, Jamie Manburg, and Victoria Brown, Conference Program Chair** **Moderator:** Victoria Brown Meet with Angie Su the President of FDLA and Victoria Brown to discuss current trends in distance education for both higher education and K12 online.
2:00-2:55pm		**Dolphin Room: Yoga Session with Charlotte Jones-Roberts** **Moderator: Amanda Major** **Manatee Room: Zumba Session with Robyn Nolan** **Moderator: Angie Su** Session will go until 3:30 PM **Heron Room: Fitness with Nick** **Moderator: Jamie Manburg**

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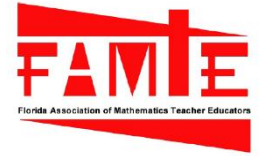
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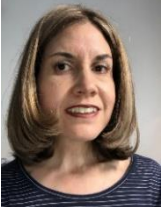
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Presenters Biographies
Virtual Conference
2021

Alvarez, Gabriela: "Gaby" Gabriela Alvarez, Director, Learning Design & Innovation, Florida International University: Gabriela Alvarez is the Director of Learning Design and Innovation at Florida International University, the fourth-largest public institution in the nation. At FIU, Gaby leads a team of over 100 learning design professionals who partner with faculty and industry subject matter experts to create transformative learning experiences. A Faculty Fellow in the Honors College at FIU, Gaby teaches seminars that explore the ethical questions posed on society by new technologies and has served as an organizational development consultant in the private sector.

Argüello, Georgina: Georgina Argüello is an Associate Professor for the Abraham S. Fischler College of Education and School of Criminal Justice at Nova Southeastern University (NSU). Most of Georgina's work experience has been in the higher education setting. She joined NSU in 2003, where she has been working in different capacities: Academic Advisor, Assistant Director of Student Recruitment and Enrollment, and Assistant Professor. She currently teaches online and blended doctoral-level courses in the Organizational Leadership and Higher Education concentrations for the domestic and international students. Georgina serves as Committee chair and member of doctoral dissertations. She is the author of book chapters and articles in indexed international journals. She has also done several presentations in national and international conferences. She also serves as an alternate Institutional Review Board (IRB) representative for the university. Professor Arguello holds a bachelor's degree in International Relations from the Technological Autonomous Institute of Mexico, a master's degree in Business Administration, and a Doctorate in Education.

Armstrong, Rebecca: Rebecca received her undergraduate bachelor's degree from the University of Idaho, a traditional land-based institution. From there she earned a master's degree from the University of Phoenix and her Doctorate degree from Capella University, both online educational institutions. Currently, Rebecca conducts a professional Life Coaching business and is an adjunct online instructor. Her work allows her many connections with college students and faculty from many universities. She is passionate about the importance of distance learning and works toward helping others get the most out of their online learning experience.

Azhar, Mohammad: Dr. Azhar is an Associate Professor of Computer Information Systems at the City University of New York (CUNY) BMCC. Dr. Azhar is passionate about getting undergraduate as well as K-12 students involved in solving robotics problems, taking part in robotics research, and competitions that help them realize where they could go with robotics in the real world. His current research includes human-robot collaboration for assistive robotics, cybersecurity education, and educational robotics.

Braga, Junia: Junia Braga holds a PhD in Applied Linguistics, with emphasis on Language and Technology, from the Federal University of Minas Gerais (UFMG), one of Brazil's most important universities. She is a Professor in the School of Letters of the same institution. Her research interests include complexity theory, situated learning, communities of practice, autonomy, Computer Assisted Language Learning (CALL), and mobile learning.

Brown, Victoria: Dr. Victoria Brown, Professor of Teaching and Learning currently teaches graduate courses in instructional technology for both educational and training professionals. She held leadership positions for several state and national organizations. She is a board member for the Florida Distance Learning Association, past chair of the Online Student Support for the 2025 Strategic Plan for Online Education in Florida, past co-chair of Student Support for the Florida Virtual Campus Distance Education and Student Support Members Council, past-Vice President of Information Technology Council for the Society for Information Technology and Teacher Education, and former President of the Missouri Learning Disability for Council of Exceptional Children. For her instructional design work in the non-for-profit sector, she received the Meritorious Service Medal from the Southeast Region Commander of the Civil Air Patrol. She has also received the Distance Educator of the Year for Higher Education by the Florida Distance Learning Association, Effective Practice Award for student support from the Online Learning Consortium, and the Best-in-Track Award for her research work in online student support services from the Online Learning Consortium. Through her research work, she co-developed the Online Student Support Scorecard available through the Online Learning Consortium.

Caladrino, Tina: Tina Calandrino has worked as an educator in higher learning for over 25 years. She began her college career as Faculty at Miami-Dade College working with students on a new concept called Macintosh computers. This set the tone for an interest in using computers for more practical educational purposes than just the desktop editing that existed in 1988. Today, her research interests in online learning include Competency-Based Education, Gender/Age/Inclusion Bias, and Micro-Learning. You may run into Tina outside of work hours at Disney, learning defense tactics that will come in handy during the zombie apocalypse, and advocating for local farm to table restaurants.

Chitta, Kasyapa: Dr. Kasyapa Chitta, is the interim director of the department of Biomedical Sciences at Keiser University, Jacksonville, FL 32216. Before joining the faculty at Keiser, Dr. Chitta worked as Assistant Professor at Mayo Clinic, Jacksonville, FL in the department of Medicine. He has a PhD in Biochemistry and more than 20 years of research experience in the field of Cancer Biology with several publications in peer reviewed journals. Hi fascination is to work with the students to identify and encourage their talent and facilitate their growth into a field of their choice in Biomedical Sciences.

Coleman, Melinda: Dr. Melinda Coleman is an Educational Leadership program professor for Nova Southeastern University for the Department of Education. She currently serves as a K-12 charter school governing board member. Dr. Coleman served in public education for 19 years. She previously served as a Middle School Administrator for the Palm Beach County School District, Palm Beach County, Florida; the Round Rock Independent School District in Round Rock, Texas; and the Mansfield City School District, in Mansfield, Ohio. Her proven leadership and team-building skills, coupled with the ability to direct strong teams in managing student, parent, and community are utilized for consulting with school districts to delineate and analyze their curriculum and leadership programs to develop strategic solutions to further their educational planning goals. As a middle-school administrator, her expertise helped her to aggressively build solid educational programs, stakeholders, and drive educational growth and student performance.

D'Amico, Phillip: *Middle School Principal, The School District of Palm Beach County.* Mr. D'Amico has been a leader in education for twenty three years at the high school, district, and middle school levels. He is a board member of the National Association of Secondary School Principals Student Leadership Advisory Committee. In addition, he is on the Palm Beach North Chamber of Commerce Foundation Board.

De, Santanu: Dr. De is an Assistant Professor of Anatomy and Physiology in the Department of Biological Sciences, Halmos College of Arts and Sciences at Nova Southeastern University, Fort Lauderdale, Florida, USA. He received a B.Sc. in Physiology (Honors) from Presidency College, Kolkata, India, an M.Sc. in Biophysics, Molecular Biology and Genetics from the University of Calcutta, India, and a Ph.D. in Physiology from Kent State University, Ohio, USA. He pursued Postdoctoral Fellowships at Purdue University, West Lafayette, Indiana, USA, and at Yale-NUS College, Singapore (a collaboration of Yale University with the National University of Singapore). He was a Visiting Faculty in the Department of Biomedical Sciences at Grand Valley State University, Allendale, Michigan, USA. Dr. De has taught multiple courses in Anatomy, Physiology, Cell Biology, Human Biology, and General Biology. His research interests include STEM education, pedagogy, and physiology, in which has published several peer-reviewed papers. He is an invited editorial board member and peer-reviewer for various acclaimed scholarly journals. Further details can be found in Dr. De's professional profile: https://www.linkedin.com/in/santanu-de-62809923.

Drysdale, Jason: *Senior Director of Instructional Design and Program Development, Office of Digital Education, University of Colorado System:* Dr. Jason Drysdale is the Senior Director of Instructional Design and Program Development at the University of Colorado System's Office of Digital Education. He earned his Doctor of Education degree in Organizational Leadership in 2018 and was the Online Learning Consortium's 2020 recipient of the Excellence in Faculty Development for Online Teaching Award. Jason's research interests include online learning leadership, instructional design, and higher education organizational structure.

Dunn, Shernette: Dr. Shernette Dunn has been an educator for over 20 years and have worked in various educational settings to include K-12 education system, higher education, and one of the military academies in the US. Her research interest includes adult education, online learning, student success, cultural diversity, and motivation to name a few. She is also an educational consultant and motivational speaker and has been awarded by her alma mater and governmental institution several times for her excellence in education.   Dr. Dunn has also presented at numerous conferences nationally and internationally and she has hosted webinars focusing on student success, culturally responsive teaching, and is an expert on culturally diverse learners in online learning environments and students who are from low socioeconomic backgrounds.

Ferguson, Iain: Iain is the principal author of The Schemers Guide, a co-founder of the Institute for Mathematics and Computer Science (IMACS), and the Director of the Elements of Mathematics Foundations (EMF) program.

Feliú, Vicenç: **V**icenç Feliú, J.D., LL.M., M.L.I.S., is the Associate Dean for Library Services & Professor of Law with NSU Shepard Broad College of Law. Dean Feliú teaches Intellectual Property and Trademarks and Unfair Competition Law. Prior to entering academia, Dean Feliú served as a Major in the United States Marine Corps and as a Special Agent with the Federal Bureau of

Investigation. Dean Feliú received a B.A. in Linguistics from California State University, Fullerton, both a J.D. and LL.M. in Intellectual Property, Commerce & Technology from the Franklin Pierce Law Center, and a M.L.I.S., with a Law Librarianship Certificate, from the University of Washington.

Green, Jemar: Jemar Green received a B.SC Degree in Biochemistry and Management Studies from the University of the West Indies in 2018. He is the co-founder of the e-learning start-up company MyVLE Play and Vice President of Operations for the start-up tech firm Micro-moments Jamaica Ltd. He has been tutoring mathematics to primary and high school students in Jamaica for over seven (7) years. He specializes in using games and artificial intelligence to improve students' performance in mathematics. Other skills include e-learning development, animation, and software development. He currently sits on the Norman Gardens Primary school Board and serves as the Vice-Chairman of the Rockfort Development Council. Jemar Green is an avid supporter of the Chelsea football club and dreams of the Caribbean playing a leading role in science and technology.

Gunter, Glenda: Dr. Glenda Gunter is a Professor at the University of Central Florida. She is a nationally and internationally recognized authority on eLearning, educational technology, instructional design, and the integration of technology into blended, hybrid, and online classrooms. She specializes in online, hybrid and blended learning, instructional design, media ecology, curriculum design, mobile learning, curriculum technology integration, digital narratives, and differentiated and design instructional strategies.

Hart, David: David received his Bachelor's degree from Southern Illinois University at Edwardsville and his Master's degree from Lindenwood University in St. Charles, Missouri, both schools providing a traditional brick-and-mortar educational program. He earned his doctorate degree from Capella University. David is a Licensed Professional Counselor in the state of Missouri, a state-approved licensure supervisor in Missouri, a Nationally Certified counselor, and has been in private practice for 22 years. David enjoys presenting relevant information at various locations around the country as well as writing journal articles that highlight many important topics of academia today. He believes that distance learning can unquestionably be as beneficial and rewarding as brick-and-mortar educational programs; establishing a "connection" with learners in such an online venue is crucial to their ongoing interest and retention and contributes to ultimate success.

Heglund, Stephen: Stephen D. Heglund, PhD, APRN is a Senior Lecturer and the Director of Post-License BSN Programs for the College of Nursing at the University of Central Florida. The various programs for which he is responsible serve over 1000 distance learning students. He has been an active distance learning facilitator for 17 years and serves the college as a distance learning resource and mentor to faculty who are new to teaching in an online environment. He has leveraged the power of UCF's chosen LMS to create an advising resource for distance students that is always available to meet their needs. He is an award-winning faculty advisor who has presented on the topics of innovative advising across time and distance as well as transforming traditional experiential learning in the field of nursing to meet the needs of both the distance learner and the expectations of today's health care arena.

Jowallah, Roha: Dr. Jowallah is a Senior Instructional Designer at the University of Central Florida. He has worked in education for over thirty years and has international experience, having taught in the Caribbean, England, and the USA. His research focuses on teaching and learning spaces in education and inclusion. Dr. Jowallah has an active presence on YouTube and LinkedIn. He consistently publishes articles and videos in these spaces. He has several peer reviewed publications.

Lee, Joseph, M. As a twenty year employee of the Palm Beach County School District, Dr. Joseph Lee has worked in numerous capacities. He has been a teacher, assistant principal, middle and high school principal, assistant superintendent, and instructional superintendent for secondary schools. While principal at William T. Dwyer High School, Dr. Lee successfully implemented an International Baccalaureate (IB) program, acquiring funding without the assistance of the school District. Since its inception, this IB program has generated some of the highest exam pass rates of all other IB programs in the District.

Levi, Linda: Linda Levi, Director of the CGI Math Teacher Learning Center, has been a member of the Cognitively Guided Instruction (CGI) research and development team since 1989. She is devoted to increasing all students' mathematical understanding by supporting teachers to develop classrooms where students are problem solvers engaged with meaningful mathematics. She is the co-author of *Children's Mathematics: Cognitively Guided Instruction* (2015, 1999), *Thinking Mathematically* (2003) and *Extending Children's Mathematics* (2011).

Leiva, Mariam: Mariam Manzur Leiva, former Fulbright Scholar, earned an M.A. in Spanish Language and Literatures, along with graduate certificates in Latin American & Caribbean Studies and Cuban Studies, from USF. More recently, she has obtained certificates in Online Teaching, Online Proctoring, Online and Hybrid Instructional Design and E-Learning Ecologies from USF, UCF and University of Illinois, respectively. She is a certified Quality Matters Reviewer and Applying the QM Rubric Facilitator. She joined her alma mater's Department of World Languages in 2010, where she taught intermediate and advanced level Spanish courses and supervised the First Year Spanish Online Program. In 2016, she was awarded the "Excellence in Education" Award at

the Viva Tampa Hispanic Heritage Festival. In 2017, she joined NCF where she teaches Elementary, Intermediate and Spanish Oral and Written Communication classes while supervising the Spanish TA Program. Apart from her teaching, she serves as Interim Instructional Designer and QM Liaison. Her primary research interest is the development and implementation of e-Learning technologies and their impact on teaching methodologies for SLA Higher Education classes.

Luken, Debra: Debra Luken joined the CDL Instructional Design team in August 2018. She earned a master's degree in Instructional Design and Technology from UCF in 2013 and a Graduate Certificate in e-Learning from UCF in 2016. Her previous role with UCF was as the training coordinator for the Environmental Health and Safety department. Her research interests include professional development, gamification strategies, and educational technologies.

Marcus, Jamie Anne: Dr. Marcus obtained her Bachelor of Science in Nursing (BSN), and Master of Nursing Education (MSN), from University of Phoenix. Dr. Marcus has been a practicing Registered Nurse (RN) in Florida for over 35-years. Dr. Marcus is a full- time faculty Assistant Professor at the Ron and Kathy Assaf College of Nursing (ACON), at Nova Southeastern University. Dr. Marcus previously was an Adjunct Professor at Broward College RN to BSN program that included online instruction for, End-of-Life classes. Dr. Marcus has been a Certified Medicare Home Health Nurse and Case Manager for over 20-years. Dr. Marcus has published research on pathways of care for the frail elderly, including a recent Sun Sentinel editorial op-ed article on the Covid-19 Pandemic effect on the Elderly. Her dissertation for the Fischler College of Education was, Adult Nursing Students' Perceptions of Social Presence in Online Nursing Courses. Dr. Marcus was recently a presenter at the 2021, National Accreditation Commission for Education in Nursing (ACEN), *Lessons Learned* conference. Dr. Marcus has been a previous presenter at the 2019, FDLA/FAMTE conference on, *Expanding the Possibilities*. Dr. Marcus published works include, the FDLA Journal article on Online Educator Entrepreneurship with Facilitator-Created-Subject-Specific targeted videos. Dr. Marcus recognizes the potential of digital-blended-nursing-education pathways to promote culturally competent care for the Covid-19 *Soul Injury* populations.
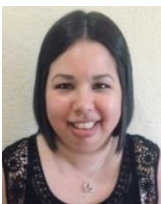
Méndez, María Grethel: Dr. Maria Grethel Méndez, Assistant Professor, of the Fischler College of Education and School of Criminal Justice serves as an Associate Counselor of the College's Omega Theta Chapter of Kappa Delta Pi. Before her tenure in higher education, she worked for 39 years (31 years as a Guidance Counselor) in Miami-Dade County Public Schools, the 4th largest school district in the nation. Pi. She obtained a bachelor's degree in French, Spanish and English Secondary Education, a master's degree in Guidance and Counseling, and a Doctor of Education degree. Dr. Mendez has served in various positions at Nova Southeastern University including Doctoral Enrollment Counselor, Director of the International Teacher Education Program (ITEP) and International Undergraduate Teacher Education Program (IUTEP). Under her leadership, the program expanded to three additional regional campuses. Dr. Mendez is involved in numerous community organizations and has held several leadership positions. Her research focus includes Curriculum and Instruction, Educational Leadership, Equity, Inclusion and Diversity.

Musgrove, Ann: Dr. Ann Musgrove is an Assistant Professor of Instructional Technology in the Department of Teaching and Learning at Florida Atlantic University. She teaches undergraduate courses in technology integration as well as several courses in a fully online master's program in instructional technology and design. Her research interests include best practices in online learning, technology integration in K-12 classrooms and how professional development in higher education benefit faculty in the adoption of online learning. Ann was part of a small group that created the first Center for eLearning at FAU.

Nethi, Vanaja: Dr. Vanaja Nethi is an Associate Professor in the Abraham S Fischler College of Education & School of Criminal Justice, Nova Southeastern University. She teaches research methods and STEM education courses in the Doctor of Education (Ed.D.) program, serves as a doctoral dissertation services faculty for qualitative research and advises on doctoral dissertation committees. She is the Assistant Editor of the *Quarterly Review of Distance Education* journal and a reviewer for the online journal, *The Qualitative Report.* Dr. Nethi has a background in science and earned her Ph.D. in Education from Cornell University. She has worked internationally in macro-level educational research and higher education, and her research interests are in instructional technology and online learning, STEM education, and qualitative research methods.

Ocasio, Keila: Dr. Keila Ocasio Clemente obtained her bachelor's degree in Special Education with a sub-specialty in conduct disorders at the University of Puerto Rico, Río Piedras campus, in 2005 and her two master's degrees in Special Education and School Administration and Supervision at Cambridge College University, in addition to being certified as a Special Education Teacher Facilitator and School Director. She obtained her Doctoral degree in Organizational Leadership this July 2021 at Nova Southeastern University. Dr. Ocasio Clemente has worked as a special education teacher, with experiences educating adults with severe functional diversity, independent living programs, students with autism, and a resource room for the past 15 years in Puerto Rico. Dr. Ocasio Clemente currently serves as President of the Omega Theta Chapter of Kappa Delta Pi, an International Honor Society in Education.

Orellana, Anymir: Anymir Orellana, Ed.D. is a Professor at the Abraham S. Fischler College of Education and School of Criminal Justice, Nova Southeastern University (NSU). She teaches online graduate courses in the areas of instructional technology, distance education, instructional media, and instructional design. She serves as committee chair and member of dissertations to online doctoral students. She earned an Ed.D. in Instructional Technology and Distance Education from NSU, a M.S. in Computer and Information Sciences and Engineering from the University of Florida, and a B.S. in Informatics Engineering from Universidad Centroccidental "Lisandro Alvarado" in Venezuela. She has more than 20 years of teaching experience in higher education, and more than 15 years teaching online. She is co-editor of the peer-reviewed journal the Quarterly Review of Distance Education. She serves as dissertation chair to doctoral students and her research interests are in the field of instructional technology and distance education, specifically quality in online courses and technology for learning. She has published and presented in national and international venues.

Peyton, Gina: Dr. Peyton, an Associate Professor at Nova Southeastern University, teaches doctoral level courses in organizational and higher education leadership, as well as master level leadership courses. Dr. Peyton earned her Doctorate in Organizational Leadership, specialization in Higher Education Leadership, Master of Science in Reading, and Bachelor of Science in Psychology degrees from Nova Southeastern University. With over 25 years of higher education experience, Dr. Peyton has extensive knowledge in leadership theories and practice, ethical leadership, strategic leadership, leading and managing organizational change, communication, education, academic writing, and research. Dr. Peyton is a dissertation chair and serves on numerous leadership committees.

Powers, Jillian: Dr. Jillian Powers is an Associate Professor of Instructional Technology at Florida Atlantic University (FAU) for the College of Education. She earned her Ph.D. in Curriculum and Instruction with a specialization in Instructional Technology from FAU in 2014. Dr. Powers teaches undergraduate and graduate courses in instructional technology and design. Her research focuses on teachers' adoption and integration of technology, preparing pre-service teachers to integrate technology, and STEM education.

Prince, Jon. R.: *Deputy Superintendent, St. Lucie Public Schools.* Dr. Jon Prince has worked as a school leader and district administrator for 28 years in public education. In 2004, Dr. Prince was selected as principal at Palm Beach Gardens High School, a large failing urban school in Palm Beach County, Florida. In 2005, the school emerged a "B" and Dr. Prince was recognized by the State as one of the Turnaround Principals of the Year. Dr. Prince continued his work in urban schools from 2005-2015 both in Palm Beach and Orange Counties in Florida. Dr. Prince has worked passionately in struggling schools primarily of Hispanic, African-American, and Haitian communities, improving academic achievement and increasing graduation rates throughout his career. In the summer of 2015, Dr. Prince accepted the position of Deputy Superintendent of St. Lucie Public Schools, a school district of approximately 40,000 students. During his time as Deputy Superintendent, St. Lucie Schools have had some of the largest improvements in performance of students in the State across all measures of accountability. The district has improved from the bottom third in student performance to the top third in the State, while graduating students at one of the highest rates in the State for four consecutive years.

Racilan, Marcos: Dr. Marcos Racilan holds a PhD in Language Studies from the Federal Center for Technological Education of Minas Gerais (CEFET-MG). He is a Professor in the Technological Education and in the School of Letters - Publishing Technologies at CEFET-MG. Dr Racilan specializes in language teaching and learning experiences in interface with digital technologies, development of multiliteracies, mobile learning, digital games, and ecological approaches and complexity.
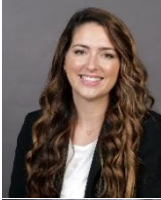
Reed, Joseph: Joseph Reed received his bachelor's degree in Mathematics Education from Brigham Young University, Idaho in 2014 and a master's degree in Mathematics Education from Nova Southeastern University in 2021. Reed has been working as a high school math teacher since 2014. In his tenure, he taught the following courses: Algebra 1, Geometry, Algebra 2, Pre-Calculus, Calculus I, Calculus 2, Math 7 online, and Math 8 online. He currently works as an adjunct professor for BYU-I online. Reed also coaches football and resides in Idaho.

Reeves, Jennifer: Dr Jennifer Reeves is the Director of Dissertation Support Services and an Associate Professor at the Abraham S. Fischler College of Education and School of Criminal Justice at Nova Southeastern University. Dr Reeves received her PhD in Educational Psychology, with emphases in Sport Psychology, Counseling Psychology, and Statistics and Measurement, from Florida State University in 2005. Dr Reeves specializes in developing strategies to support doctoral students and teaches research and statistics courses. Her research interests include instructional technology, distance education, mobile learning, and attention and performance. She regularly presents at national conferences and recently had two articles accepted for publication, Online professional development embedded with mobile learning: An examination of teachers' attitudes, engagement, and dispositions in the British Journal of Educational Technology; and Mobile learning in Pre-kindergarten: Using student feedback to inform practice in the Journal of Educational Technology & Society and recently received the 2020 Rod Rose Award.

Ross, David: Dr. David B. Ross, a Professor at Nova Southeastern University, earned his Doctorate in Educational Leadership, Master of Justice Policy Management, Professional Certificate in Public Management at Florida Atlantic University, and his Bachelor of Science Degree in Computer Science at Northern Illinois University. He teaches doctoral courses in leadership and publishes on leadership, power, narcissism, stress, academic integrity, entitlement, mobbing/bullying, Gerontechnology, media and propaganda, and homeland security. Dr. Ross is a co-editor of a book titled Higher Education Challenges for Migrant and Refugee Students in a Global World. Dr. Ross was named Professor of the Year 2015-2016 for the Fischler College of Education.

Salter, Ashley: Ashley Salter is an Instructional Designer with experience delivering results in a variety of learner-focused and client-orientated environments. Ashley's research efforts are focused on developing and testing active learning strategies specific to high-quality online or blended learning environments. In addition, she is committed to sharing new tools and techniques to keep students motivated and engaged, enhancing student learning outcomes. Ashley has serves in developing faculty development programs, coaching, mentoring, and lead initiatives promoting quality, accessibility, and curriculum integration.

Schell, Ron: Ron Schnell has been a technology leader for more than 40 years, starting as an operating system kernel programmer for Bell Labs's UNIX Operating System, IBM's AIX, and Sun Microsystems's Solaris. He went on to create 3 technology start-ups, the latest of which (Mailcall.com) he sold to a public company. From 2005-2011 he ran the day-to-day operations of The Technical Committee; a private corporation that was ordered to be formed by the U.S. Courts for the sole purpose of monitoring Microsoft Corporation for their compliance with the antitrust Final Judgments of 2002. Steve Wozniak referred to Ron as "Bill Gates's boss". He grew that company from a small team in Bellevue, Washington and Palo Alto, California to a large group of elite software developers and investigators around the country. The organization and its success were publicly praised by the U.S. Attorney General (through 3 presidential terms spanning two parties), Attorneys General for several states, and by the Federal Court Judge presiding over the largest antitrust case in U.S. history.   Learn how the methods of this enforcement had lasting impact on the way the US Government would implement remedies moving forward, including today.

Schoen, Robert: Dr. Robert Schoen is an associate professor of mathematics education in the School of Teacher Education at Florida State University. Dr. Schoen's mission is to serve children and society with the goal of improving mathematics teaching and learning for all by applying a scientific approach to educational research. Dr. Schoen has designed and directed more than one-dozen large-scale, randomized controlled trials of educational interventions designed to improve teaching and learning in mathematics. Most of those interventions focus on the role of the teacher by means of increasing teachers' professional capacity. Schoen's research has been supported by the Helios Education Foundation, the Florida Department of Education, the Institute of Education Sciences (IES), and the U.S. Department of Education through their Effective Educator Development (EED) program. In addition to being the director of the Schoen research lab and www.schoenresearch.com, Dr. Schoen is the founder and director of Teaching is Problem Solving, a website dedicated to sharing ideas about teaching with a focus on mathematics.

Simunek, Linda: Linda Agustin Simunek, RN, PhD, JD, Attorney-at-Law, Provost, Techni-Pro Institute, Boca Raton- Provost Simunek has over three decades of experience in higher education as an academic administrator and educator. In 2009-2014, she served as Executive Director of the USDOE PPOHA $2.8 million grant to Fischler College of Education, Nova Southeastern University, (NSU). The grant enabled doctoral faculty to work with a team of Instructional Designers in enriching the Ed.D. distance education courses with multi-media enhancement. The grant's purpose was to promote the retention rate of Hispanic and minority students, through greater engagement with course content, doctoral faculty, and staff, and enhanced peer interaction. Provost Simunek established the nursing programs at Florida International University, (FIU) and at St. Thomas University, (STU). She served as a member of the Florida Board of Nursing. She was an associate attorney in personal injury with Harry Rosen, P.A. She earned a Bachelor of Science in Nursing (BSN) degree from the University of the Philippines, a Master of Science in Nursing, (MSN), from De Paul University Chicago, a PhD in Educational Administration from Loyola University Chicago, and a Juris Doctor (J.D.). From the School of Law, University of Miami, (UM). Currently, she serves as Provost and tenured professor at Techni-Pro Institutea health career school in its formative years, in Boca Raton.

Stahl, Nicole: Nicole Stahl received her Master's in Instructional Design & Technology at the University of Central Florida, as well as a BA in English Literature. In 2013 she joined the Webcourses@UCF Support team at the Center for Distributed Learning as a technical support assistant. After six years, she transitioned to the Pegasus Innovation Lab (iLab) to serve as the project coordinator where her primary focus is to support the iLab's strategic initiatives.

Stephan, Susan Hayes: Susan Hayes Stephan, J.D.**,** serves as Associate Dean of Graduate and Online Programs at NSU's Shepard Broad College of Law. As Associate Dean of Graduate and Online Programs, Stephan is responsible for substantial aspects of the law school's online and non-JD graduate educational programs, including accreditation and university compliance; program expansion; and supervision of marketing, admissions, student services, career development, and the teaching and learning process. Prior to returning to legal education, Stephan practiced law for more than 20 years, with a focus on legal challenges involving intellectual property, e-commerce and the Internet, privacy and data security, and general corporate legal matters on behalf of individual and business clients. She has taught as adjunct faculty since 2001 in areas including antitrust, intellectual property, administrative law, pretrial skills, client interviewing and counseling, information security, cybersecurity, federal privacy, legal foundations, and law and economics. Dean Stephan graduated from Mitchell Hamline School of Law in 1992. She received her bachelor's degree from Northwestern University, a Master of Arts in Interdisciplinary Studies from New York University, a Certificate in Online Distance Education from the University of Minnesota and is a candidate for an LL.M. in Information Technology from the University of Edinburgh in November 2021.

Stull, Corrinne: Corrinne Stull is an Associate Instructional Designer at the University of Central Florida's Center for Distributed Learning (CDL). Corrinne holds a B.A. in Digital Media with a focus on Web Design and previously worked in web development. Her interest in combining technology and education to design and create online learning experiences led her to pursue and complete an M.A. in Instructional Design & Technology, focusing on Instructional Systems. In her current role, Corrinne specializes in personalized adaptive learning software and strategies. Other research interests include online course accessibility, active learning strategies, quality in online courses, and the use of OER materials.

Sutlifff, Elizabeth: Elizabeth Sutliff comes to UCF with 15 years of K-12 teaching and training instructors. Currently finishing up her Master's in Instructional Design and Technology, Beth joined the UCF ID Team during the Pandemic shut-down bringing new ideas and insights needed during this crisis. Her current research focuses on LTI, Mentorship and Active Learning. Her off hours are spent with her family enjoying Florida's year-round activities.
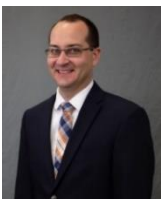

Su, Hui Fang (Angie): Dr. Su is a Professor and Lead Faculty of Mathematics Education at Nova Southeastern University's Fischler College of Education and School of Criminal Justice. She is the creator of Project MIND- Math Is Not Difficult®, a K-12 mathematics enhancement project currently being implemented in hundreds of classrooms throughout the U.S. and in Asia. Project MIND has received numerous awards, including the Presidential Award for Excellence in Mathematics and Science Teaching from the National Science Foundation for its innovation and ability to help students, especially preschoolers, become excited about math and improve their math skills. In addition, Angie is one of the authors of the Next Generation Sunshine State Standards for mathematics for Florida. A recipient of the Governor's Points of Light Award for her innovative work with the homeless, Suwas appointed by Governor Jeb Bush to serve on the state council for homelessness and served as the Council Chair during reappointment. In 2007, Dr. Su received the Sun-Sentinel Publisher's Community Service Shining Star Award for Project MIND and its broad impact.

Dr. Su has earned many awards. She is currently the President of the Florida Association of Mathematics Teacher Educators (FAMTE). In 2009, she received the FAMTE's Mathematics Teacher Educator of the Year Award. In addition, the Board of Directors of FAMTE nominated and elected Angie to be the President of FAMTE in 2013. Since 2010, Dr. Su has been the President of the Florida Distance Learning Association (FDLA). For her work and services, Su received the 2013 Distance Learning Visionary Award for Distinguished Leadership. On March 13, 2015, students, colleagues, and educators gathered to dedicate and rename "The Somerset Neighborhood School House" to "The Dr. Hui Fang Angie Su Neighborhood School House" in honor of the life work of Founding Board Member, Dr. Hui Fang "Angie" Su.

Trotman, Sandra: Dr. Sandra Trotman gained degrees in Mathematics education at the University of the West Indies and Waikato University, New Zealand. She worked in the Caribbean as a mathematics educator and assistant high school principal and co-authored textbooks and teacher guides for the Caribbean Primary Mathematics Series. As an associate professor at Nova Southeastern University, Florida, Dr. Trotman's area of expertise in Curriculum and Instruction includes Mathematics Education, STEM learning, Assessment, and Mentoring. She works with students at the undergraduate to doctoral levels. Dr. Trotman currently serves as a lead chapter counselor for Kappa Delta Pi, an International Honor Society in Education, Lead program reviewer for the National Council for the Accreditation of Educator Preparation (CAEP), and a reviewer for Kappa Delta Pi Educational Forum, a peer-reviewed journal.

Van Denend, Andreas: Andreas grew up in a small town called Ripley, Ohio. He attended Hope College in Michigan, where he studied English and Philosophy. After Hope, Andreas moved to Colorado to do a master's degree in Islamic Studies. He taught Religion online at Indian River State College and pursed an MBA at UF. He started working at ODL as the director of UF Flexible Learning and UF Dual Enrollment in 2015. He enjoys spending time with his wife and their dog, a miniature dachshund named Izzy. They are avid travelers and have been to several countries together (his favorite is India). He also likes video games, industrial music, and reading.

Werner, John: John Werner is a Professor in Earth Sciences at Seminole State College since 2003. He has taught in-class and online in subjects including geology, paleontology, oceanography, environmental science, and astronomy.

Wyatt, Shelly: Dr. Shelly Wyatt earned a bachelor's degree in humanities from New College of Florida in 1991 and, four years later, a Master of Liberal Studies degree from Rollins College. In 2013, Shelly received her PhD in Education (Instructional System Design) from UCF. Her research interests include online coaching and mentoring of dissertation students, second language acquisition and immersion through technology, and individualized faculty development.

Zelin, Michael: Dr. Michael Zelin has a PhD in Physics & Mathematics from the Tomsk State University, Russia. He has been teaching different levels of Math and Physics at Keiser University, Jacksonville, FL.

Thank you to all our presenters!

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