OLD DOMINION UNIVERSITY
The Graduate School

GRADUATE NEWS
MAY 2018 - GRADUATION EDITION

ANNUAL AWARDS AND WINNERS AS THE YEAR ENDS...

With May comes the end of the spring semester and the beginning of the Maymester and summer courses. Before many of you begin your vacations or dig deep into your summer courses, the Graduate School would like to present you with one more set of spotlights, featuring ODU stars such as our outstanding Doctoral Mentoring, Excellence in Graduate Teaching, and Outstanding Graduate Classroom and Laboratory Teaching Assistant Award winners.; Civil Engineering PhD Student and Coastal Engineer, Maura Boswell; cryptography-focused postdoc, Tran Phuoung; and philosopher of technology and culture, Dr. Dylan Wittkower. Sit back, relax, and enjoy this last issue.

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CONGRATULATIONS TO THE CLASS OF 2018!
-THE GRADUATE SCHOOL

DOCTORAL MENTORING AWARD WINNER DR. CAESAR ARIEL PINTO

Dr. Cesar Ariel Pinto is an Associate Professor in the Engineering Management & Systems Engineering department. He has been at ODU since 2004. Dr. Pinto has been chosen as the 2018 Doctoral Mentoring Award winner. Dr. Pinto views mentoring as an endeavor far beyond academic advising. It means taking an active role in the student's success beyond the student's academic program and long after the student has left ODU. In his role as mentor, he has organized events to highlight the work of EMSE PhD students, created opportunities for students to be guest lecturers, created a student cohort to encourage collaboration and mentorship for EMSE PhD students, and provided financial support for students for students to attend and present at conferences and meetings to showcase their work and widen their professional network. His former studen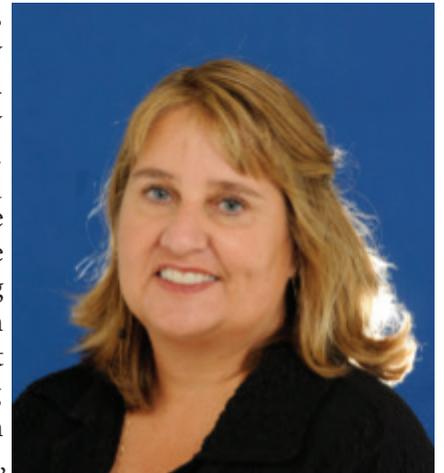ts are impressed with his dedication to the success of students and his assistance developing plans of study and honing of dissertation topics that ultimately led to their successful completion of their doctoral degree. They also say that he continues to serve as a mentor and recommends professional development opportunities and conferences to them. One former student, Polinpapilinho Katina, writes that he is known for holding his doctoral students to very high standards. Further she states, "These high expectations pushed me far beyond my comfort zone, and they led me to accomplish things I never imagined myself capable of." One of his current students, Abdulrahman Alfaqiri writes, "Dr. Ariel Pinto sees the promise in each of his students and encourages and challenges us to do our best in all aspects of our professional and academic lives. Lastly, Dr. Sousa-Posa states, "Dr. Pinto's motivation is what makes him deserving of this recognition. If the betterment of others truly lies at the heart of mentoring, Dr. Pinto exemplifies what it means to have his mentees best interests at heart. Dr. Pinto is deserving of this award.

OTHER NOMINEES:

Dr. Randy Myers, College of Arts & Letters
Dr. Yuping Liu-Thompkins, Strome College of Business
Dr. Jill Stefaniak, Darden College of Education
Dr. Mariana Szklo-Coxe, College of Health Sciences
Dr. Ian Bartol, College of Sciences

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Excellence in Graduate Teaching Award Winner - Dr. Michelle Kelley

Dr. Michelle Kelley, currently the Psychology department chair, is a professor of psychology and eminent scholar. She came to Old Dominion University after receiving her Ph.D. in Developmental Psychology from the University of Houston in 1988. In recent years, she has won several awards including the Faculty Excellence Award in the College of Sciences in 2015 and the Doctoral Mentoring Award for the College of Sciences in 2016. She has published extensively and her research interests include examining at-risk families and the effects of military deployment and combat on service members and their families. Her excellence in graduate teaching is shown through her commitment to students. She is known for providing clear, but high expectations and giving honest feedback. In addition to the honest feedback, though, she encourages students by pointing out their strengths and abilities. Former student, Ashley Doane, now an Associate Professor of Psychology at Chowan University, shared that in her current role, she frequently reflects on course materials and examples when developing her own lectures. Another former student, Brynn Sheehan, said "Dr. Kelley's most profound impact is her dedication to her students." Also, "Dr. Kelley is responsive, supportive, and motivating, and I couldn't imagine a more qualified or deserving recipient of this award." Dr. Kelley is most deserving of this award.

Outstanding Graduate Teaching Assistant Award - Classroom Award Winner - Trung Nguyen

Trung Nguyen is currently a student pursuing a PhD Business Administration in the Strome College of Business. He has been chosen as the recipient of the

Outstanding Graduate Teaching Assistant – Classroom Award winner for 2018. In his letters of support, he is commended for alleviating students' fears and ensuring they learn effectively. He has the ability to teach difficulty and rigorous material in a simple manner. Though he is challenging and expects all students to participate in class, he inspires and encourages students to be successful. He creates a classroom environment that is safe, friendly, and welcoming. Mr. Nguyen's teaching philosophy is "Teaching is Inspiring." For him, that means giving them sufficient opportunity to explore their own potential, find their interests, and nurture their dreams. It also means using effective teaching methods and using student feedback to improve the students' experience. His efforts have not gone unrecognized. His students' evaluations are extraordinary. Mr. Nguyen is deserving of this award.

Outstanding Graduate Teaching Assistant Award - Laboratory Award Winner - Saygin Baksi

Saygin Baksi is currently a PhD student in Electrical and Computer Engineering in the Batten College of Engineering & Technology. He has been chosen as the recipient of the Outstanding Graduate Teaching Assistant – Laboratory Award winner for 2018. In his letters of support, he is commended for his professionalism, concern for students, and the quality of his instruction. He was described as more of a teaching partner in learning activities rather than just a teaching assistant. He cares deeply for his students and he has consistently high student evaluations. (>4.8 on a scale of 5). He routinely goes above and beyond what is required of him as a graduate assistant. Saygin Baski is deserving of this award.

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Please describe your area of research?

I'm studying the wave dissipation effects of living shorelines. Living shorelines combine structural and organic components such as rocks, oyster baskets, vegetation, and sand to provide erosion protection while still maintaining the land water interface to maintain the upland habitat.

What got you into it?

I worked as a coastal engineer for a number of years and saw that little data and guidance were available for engineers to optimize living shoreline designs to provide the erosion protection benefits desired while maximizing the ecological benefits of the shoreline. It was a situation of encountering a problem and wanting to find a solution.

What excites you about it?

Living shoreline design is a multidisciplinary field. These projects have multifaceted goals in seeking to abate shoreline erosion while maintaining habitat. From an engineering standpoint you are looking at how best to decrease the wave attack on the shoreline to prevent further erosion, which often might mean just hardening the shoreline as the easiest solution. From an ecological standpoint you are looking at how to maintain or enhance existing habitat, which means you want to maintain that land-water interface. Often these two goals are at odds with one another, so finding a solution to both protect the shoreline from erosion without disrupting the land-water interaction to maintain habitat is a fascinating problem. I've learned so much from working with biologists and ecologists that I feel complements my engineering experience. Conversely, I can share my knowledge with them as well so that we can come up with solutions that meet both of our criteria for success.

What encouraged you to pursue a graduate education?

As a practicing engineer, when I was tasked with designing a marsh sill living shoreline system a few years ago, I became frustrated with the lack of design guidance available for engineers to be able to assign a level of protection afforded by a living shoreline design. After talking with experts in the field there seemed to be consensus that, while the Virginia General Assembly had specified living shorelines to be the preferred method of shoreline erosion protection, this lack of guidance for determining the level of protection afforded by a living shoreline was a hindrance and property owners and engineers were choosing alternate designs such as seawalls or revetments for erosion protection. I decided I wanted to do something about this knowledge gap and that pursuing this research as part of a doctoral degree was the best path forward.

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Twitter: https://twitter.com/odu_gradschool

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What made Old Dominion University stand out?

ODU is at the forefront of some of the most exciting research into sea level rise and I had been attending workshops and meetings organized and sponsored by the university regarding this topic for a couple of years prior to enrolling as a student. I was working with some exciting researchers on the Hampton Roads Intergovernmental Pilot Project, so I think being surrounded by these brilliant minds and already engaged in problem solving pushed me towards the idea of going back to school to research and provide a solution to the design guidance issue I had identified with living shorelines.

What encouraged you to choose your current field?

I spent my childhood summers at the beach and, when I was around 7 years old, there was a beach nourishment project on "my beach". I found it so fascinating watching the dredges pump sand onto the beach that I decided I too wanted to make beaches. I love the beach and wanted to ensure that other people could continue to have as much fun at the beach as I did playing in the sand and surfing the waves.

What have been your greatest challenges so far?

Going back to graduate school in my mid-30's has been more challenging trying to manage a work-life balance than when I pursued my master's degree at 21 immediately after my undergraduate studies. I was working full time as a consultant when I first began pursuing my Ph.D. part-time in 2014 before shifting to pursue school full time a year later when my husband and I decided to get married and start a family. Managing work deadlines that seemed to occur at the same time as course deadlines and then trying to get equipment ordered and field work scheduled when I was sleep deprived with a 2-week-old has definitely been a vastly different experience from my first foray at graduate school when my greatest concern outside school was saving enough of my stipend to plan an overseas vacation.

What's your most exciting award in research?

The most exciting award I have received related to my research is the Virginia Sea Grant Graduate Research Fellowship. This fellowship not only provides funding for me to conduct my research, but a key component is development of the student for their future career by providing opportunities to network and collaborate with others from a variety of fields.

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What interesting qualities or experiences do you feel you bring to ODU?
As an older graduate student my experience in the industry has been beneficial for providing real life experiences to my classes and research. Theory and practice are two very different animals in engineering and transforming calculations on paper to construction in the field isn't always straightforward. Additionally, through the network I developed during my career prior to ODU, I have been able to provide guidance and key introductions to assist younger graduate students in finding employment following graduation.

Who are some guiding or influential figures in your life?
My dad has been very influential in my development as an engineer. He's a civil engineer so, when I said I wanted to make beaches as a 7 year old, he helped me figure out in high school that I needed to pursue ocean engineering for undergraduate studies and then coastal engineering for graduate studies. When I graduated with my bachelor's degree he gave me his slide rule from college!

How do you give back to the community?
My parents raised me to always give back and make your community a better place. In college I joined a sorority to continue the philanthropic activities in which I was involved with in high school and I remain an active alumnae member with our signature philanthropic partnership of Girls on the Run. When I moved to Norfolk, I was introduced to the Junior League of Norfolk-Virginia Beach, Inc. The focus of this organization on developing the potential of women as future civic leaders and improving the lives of women and children in South Hampton Roads has truly allowed me to become a better member of our local community. Professionally, I have been involved with the American Shore and Beach Preservation Association (ASBPA), was elected to the Board of Directors in 2012, and founded the local Central East Coast Chapter of ASBPA in 2013. The focus of ASBPA on preserving, protecting, and enhancing our coasts fulfills the passion I have for sharing the joy and beauty of the beach with future generations. I think community service, in whatever capacity in which you choose to serve, helps us to develop our own potential in all aspects of life.

GRADUATE CONTEST WINNERS

Earlier, we announced graduate contests in which readers could submit to for a prize. The winners are below and will receive a credit to their monarch plus account! To all readers, please be on the lookout next year!

Eureka Moment Winner: Wanda Brooks
Submission Title: Less Stress through Task Management
College: Darden College of Education
Department: Educational Foundations and Leadership

Getting Artsy Winner: James Moore
Submission Title: Dog Chow Time
College: Darden College of Education
Department: Educational Foundations and Leadership

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Please describe your area of research?

My area of research is information security and applied cryptography, which protects a user's data when uploading or retrieving data via an internet service. Through the application of cryptography, I am able to design the security scheme to encrypt the data, which is helpful for the user to upload or store in the public channel. In addition, the user can retrieve or manipulate the data even though the data is encrypted. This is an important contribution of cryptography to protect confidential data

What got you into it?

My first course of study was software engineering when I studied for the Bachelor's degree. When I was a teaching assistant at the University of Science, Professor Thuc introduced this area to me. Finally, I decided to pursue the area of information security. A remarked point My research skills improved a lot when I was studying with Professor. Susilo was Doctoral degree program.

What excites you about it?

I am interested in Mathematics with Linear Algebra and Abstract Algebra and Programming. Roughly speaking, Applied Cryptography is the combination of Mathematics and Design Programming. I enjoy studying and improving myself day by day to explore immense knowledge of Mathematics integrated to Modern Cryptography.

What encouraged you to pursue a graduate and or postdoctoral education?

I want to be a good researcher or a professor in my area of research, explore knowledge, and convey the value and breadth of information security to many people.

What made Old Dominion University stand out?

Old Dominion University has a powerful policy to support cyber security education and research to students and researchers.

What encouraged you to choose your current field?

When I saw the call for a postdoc position online from the Center CyberSecurity for Education and Research at Old Dominion University (ODU), it led me to learn more about ODU. I feel that I love the environment and sightseeing around this university. In the next step, I had an interesting interview with Dr. Hongyi Wu about my research. We discussed a lot of ideas regarding this position. From there, I was convinced to choose him as an advisor for my next step in research.

What have been your greatest challenges that you have overcome so far?

Designing a security scheme in 15 days and getting an accepted poster paper in ACM CCS.

What do you like most about your research or feel will be its largest implication(s).

To answer the first, it would be to be myself when enjoying exploring new things in the world.
To answer the second, it would be to realize that there are a lot things for me to study and cultivate day by day.

What interesting qualities or experiences do you feel you bring to ODU?

My experience and my knowledge about information security that I have learned to join to conduct the research at CCS

Who are some guiding or influential figures in your life?

In my academic work, my advisors are always supporting and guiding me to improve my research. In my personal life, my parents, my sister and close friend, Dr. Tho Le, have always helped me to relax each time that I was either upset in failure or over-excited in success in my life.

Describe your ideal academic work environment.

Good facilities, good colleagues, great collaborations.

How would your professors and colleagues describe you?
Responsible, serious, nice, and sympathetic.

How do you give back to the community?
Encourage the young and transfer my scientific passion to them.

What do you consider to be your particular strength(s)?
Patience and commitment.

What is your philosophy of teaching and learning?
I myself keep moving forward. And I will teach my students so.

What efforts have you made in the last year to become a better faculty member?
Improvement of research and communication.

What do you look for in your academic colleagues?
A collaborative spirit.

SEES END OF SEMESTER CELEBRATION

ODU CAREER PATHWAYS OFFERINGS AND IMPORTANT DATES

The ODU Career Pathways program is excited to offer several professional development events/activities this summer. We hope you will take advantage of these opportunities. Please contact Dr. Wie Yusuf (jyusuf@odu.edu) if you have questions or need more information.

Webinar on 'Transferable Skills: Learn to Talk -- Monday, May 21 from 12:00-1:30pm -- About What You Do Instead of What You Know' by Beyond the Professoriate (https://community.beyondprof.com/home). Register in advance to receive more details. Register here: https://goo.gl/forms/LmDrcE535VjevOmK2.

2018 Faculty Summer Conference - May 22-23, 2018 at the Ted Constant Convocation Center - The theme of this free conference is 'Ahead of the Curve: How ODU is Shaping the Online Learning Landscape.' Advanced registration is required. Conference and registration information is available here: https://sc.clt.odu.edu/.

SAFE SPACE ALLY TRAINING BY JOSEPH RITCHIE

"The Safe Space committee is offering Ally Certification training for Summer 2018. Any faculty, staff or graduate student who would like to learn more about the LGBTQ+ community and become an Ally is encouraged to attend.

The dates for training are:
Tuesday, June 12 and Wednesday, June 14 from 9:00 a.m. – 1:00 p.m. (must attend both dates to become an Ally)

For more information and to register for the training sessions please go to http://odu.edu/safespace and click on the "Ally Certification Training" tab."

HUMAN FACTORS STUDY OPPORTUNITY

Would you like to participate in a 2-part study that aims to improve graphical passwords as an alternative to alphanumeric passwords? You will earn $10 for part 1 and $10 for part 2. Each session will last 30 minutes or less. The second session will be scheduled 3 weeks after the first session. During each session you will be logging in using pictures. The study will take place in MGB 331 or ECS 2100. You must be an ODU student to participate. Please email Ashley at acain001@odu.edu to schedule if you are interested.

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Dr. Wittkower - Philosophy and Religious Studies

Please describe your area of research?

I do philosophy of technology, focusing on the analysis of digitally mediated interaction, based on postphenomenological analysis, critical theory, and feminist ethics of care. So, more or less, that means I study how digital information flows between persons, and sometimes between persons and non-persons, influence and constitute our experiences of ourselves and of others and of our communities. I also do work on philosophy for a general audience, including one monograph and five edited volumes. The most successful—in terms of sales, in terms of scholarly impact, and in terms of course adoptions—has been my 2010 Facebook and Philosophy. I also used to record audiobooks with Librivox.org. It'd be nice to get back to that someday.

What encouraged you to choose our current field?

 When I was 14 I took some community college courses, including a critical-thinking-oriented Intro to Philosophy course, and decided then that I wanted to teach philosophy. That plan remained steady for me from then on, although my reasons for it changed. I was initially interested in metaphysics and epistemology. In high school, I was particularly influenced by a few things I read on my own: Ludwig Wittgenstein's *Tractatus Logico-Philosophicus*, Richard Feynman's *QED*, and something or other by Alan Watts. My plan going into college was to double-major in physics and philosophy. But then, surprise!, I took a course in symbolic interactionism in my first semester, and immediately scrapped that plan, eventually doing a BA in Philosophy, Sociology, and History, and writing a senior thesis on the social influence of the history of communications media. Once I got to graduate school—a pluralist but not interdisciplinary program in Philosophy at Vanderbilt—I got more and more interested in philosophical analysis of things. Like, literally stuff; objects. So that led me into Philosophy of Technology in particular. My dissertation was on politically decentralizing tendencies of advanced technological development, and focused on two case studies: the mass availability of the means of communicative reproduction and the crisis in copyright industries that "piracy" has caused, and the mass availability of the means of mass destruction and the crisis in national security that terrorism has caused. That first case study was my first movement into digital technologies in particular.

What are your hobbies?

 I study technology, and I'm very interested in the way practices and meanings and ways of understanding and engaging with the world are imbedded into objects, and systems of objects. So I like to learn how to do things. Most recently, I've taught myself how to restore vintage fountain pens, and I've learned a lot about how pens work, of course, but also about how paper works, and how ink works, and how the history of handwriting instruction responded to and prompted technological changes—and also how different pens and paper and inks interact, and how to tune nibs to fit writing styles, to select inks whose viscosity corrects for faults in pen feeds or responds to a preferred paper; to manage the various personalities and behaviors of these objects as they interact with one another. It's exciting to open up small worlds of experience like this, where our regular environment of disposable ballpoints and copy paper presents no need to (and virtually no opportunity to) engage with the internal and inherent dynamics of the materials we use.

I also garden and raise orchids. I built a little greenhouse (for the orchids). I taught myself to play ukulele and tenor guitar, and I enjoy learning to cook food from different cuisines and enjoy historical cooking (especially Ancient Roman). Recently, I taught myself to do some basic charcuterie, make craft cocktails, and paint in acrylics. Also, I spend a lot of time with my kids, who are 6 and 8.

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Draft Call for Papers
CEPE (Computer Ethics - Philosophical Enquiry) Norfolk, Virginia 2019

CEPE (Computer Ethics—Philosophical Enquiry) is a leading international conference and has played a significant role in defining the field since its first event in 1997. CEPE is held biennially, and is organized by INSEIT (the International Society for Ethics and Information Technology). For CEPE 2019, the conference theme will be Risk and Cybersecurity. We encourage submissions on this theme, but welcome submissions on any topic related to ethics and computers.

Risk and Cybersecurity

Cybersecurity is of pressing and ever-expanding importance to governments, organizations, and individuals as ever more of our lives becomes digitally rendered, analyzed, manipulated, and stored. Even as cybersecurity issues present threats to us both individually and collectively, cybersecuritization—the political action of consolidating power and control through rhetorics of "cybersecurity"—threatens people and peoples in different ways.

Risk is central to computer ethics in numerous other ways as well. Risk abounds online as we figure out how to negotiate and protect identities that are increasingly visible across many parts of our lives, to persons but to companies and algorithms as well. Risk has always been central to engineering ethics, and computer ethics continues to negotiate shifting boundaries of the morality of whistleblowing along with changes in the economic, social, legal, and human costs of a hacked database. These issues are complicated further by innovations in robotics and the internet of things, which spread risk across what once was an online/offline boundary and into the smallest cracks of our lives, from military and domestic robots, to smart cities and smart homes, and to the digital assistants and baby monitors in our kitchens and bedrooms.

We welcome submissions on any topic in computer ethics, but, in keeping with the conference theme, specifically encourage submissions on:

- Ethics for cybersecurity professionals
- Just war theory and cyberconflict
- AI and risk
- Information warfare
- "Fake news," deepfakes, and the information apocalypse
- Risks to democracy and democratic processes
- Privacy and users' rights
- Information and data ethics
- Risk online
- Risk to health and health care
- Online radicalization

- Group identity and mobilization in digital environments
- Self-driving vehicles
- Ethics of hacking, and of hacking back
- Cyberrisk and cybersecuritization in
    - smart cities and smart homes,
    - the internet of things
    - military robots, heathcare robots, domestic robots, sex robots, and other robots
- other topics related to risk, cybersecurity, securitization, internet studies, and the internet of things.

Submissions will be accepted through the conference website listed below. We request English-language extended abstracts of 500–800 words, not including references, prepared for double-blind review. Multiple submissions from a single author are welcome, but acceptance of multiple papers by the same author will be weighed against available program space. Publication in conference proceedings will be offered after the conference—for eligibility, full papers should be no more than 8000 words, and should not be previously published. Journal special issues will also be organized; participating journals will contact potential contributors separately. Inquiries may be directed to cepe2019 [at] easychair [dot] org.

Timeline:
Abstracts due: October 22 2018
Reviews due: November 2018
Notice of acceptance/rejection: January 2019
Conference: May 28–30, 2019

Updates can be found at: https://sites.wp.odu.edu/cepe2019/

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Editor's Spot

If you're reading this, there's a good chance that you have made it through the semester in one piece, and I congratulate you. I invite you to do something quite radical in your student life: after reading this last page, put this newsletter down and relax. Give yourself that special break you have been needing so that you can recharge and then get back in the game. The Graduate School is not going anywhere, nor are the classes or work, unless you work in biology. I wish you and all graduate students a fulfilling summer. Tune back in September, and be sure to let us know of your adventures.

- Xavier-Lewis Palmer

Thank you for Reading!

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Find Graduate School News online at:
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ODU graduate student Xavier-Lewis Palmer compiled and edited this newsletter with help from Dr. Robert Wojtowicz, Dr. Bryan Porter, and Ms. Missy Barber in the Graduate School.
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