



Congratulations to all of the finalists who participated in ODU's Inaugural 3MT Competition: The Winner and People's Choice Recipient, Lindsay Thornton; The Runner Up, Mindy Gumpert; and group of finalists, Aydin S. Oksoy, Dante Myers, Kristen Gregory, Mahbubul Alam, Natasha Hagemeyer, Lasitha Vidyaratne, James Haluska, Jane Roitsch, and Hamdi Kavak. They all were exceptional and made us all the wiser with their performances, covering the breadth of each of the colleges administered to by The Graduate School. Next year, this can be you. Start practicing and ready yourself for next year's competition. Expect even fiercer competition.



## OLD DOMINION UNIVERSITY

The Graduate School

[odu.edu/graduateschool](http://odu.edu/graduateschool)

## FELLOWSHIPS AND OPPORTUNITIES



Gertrude Cox Scholarship - This scholarship is sponsored by the ASA Committee on Women in Statistics and Caucus for Women in Statistics. Two recipients are selected each year, in addition to honorable mentions. Further information can be found at <http://www.amstat.org/ASA/Your-Career/Awards/Gertrude-M-Cox-Scholarship.aspx>. Apply as soon as possible.



Calling everyone, all over. Interested in launching your own Bio-tech start-up? Consider RebelBio. Accepted applicants can receive 3 months of additional business mentoring, \$100,000 in cash and program costs, and networking opportunities with some of the biggest names in biotech, including BSL 2 labs at University College Cork. Hone your idea, assemble your teams, and apply. The next success story could be you.



The Named Fellowships at Argonne National Labs are aimed at attracting high tier postdoctoral scientists to Argonne National Labs. One of which that is offered is the Maria Goeppert Mayer Named Fellowship with application details that can be found at <https://today.anl.gov/2017/01/maria-goeppert-mayer-named-fellowship-applications/>. The submission deadline is March 7, 2017.

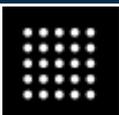
### Incubators/Centers/Programs to Consider:

ODU Innovation Center  
4.0 Schools  
Socratic Labs  
Start-up Weekend EDU  
Macmillan New Ventures  
Center for Educational Technology Hatch  
SIIA Innovation Incubator  
Learning Technologies



### Spotlight Opportunity:

If you have worked for any incubators or companies or foundations that host graduate students, feel free to share your experiences. You may find yourself featured within this newsletter. We are always open to hear of and share additional opportunities for students. Remember, your success becomes our collective success.



**SELDEN MARKET**

Entrepreneurs? Artists? Not explicitly into biotech and looking to run your own business or want to demo while staying local? Consider Selden Market, located at 215 Plume Street, in Downtown Norfolk. There, you can work with or apprentice with shop owners there as part of an independent study or apply to become a tenant and pursue both business and study in a growing area of town. Visit <http://seldenmarket.com/tenants> to get a list of tenants, and visit <http://seldenmarket.com/become-a-tenant> to apply for consideration.



Have an education-based start-up or are looking to start one after graduation? Apply to Y-Combinator's Education Wing, Imagine K12, which has backed more than 100 education based start-ups such as Hapara and Codecademy. Although the Winter 2018 application deadline has passed, be sure to check out their requirements so that you can be ready for the next period. Visit: <http://www.imaginek12.com>. Consult with your advisor, members of ODU's Strome Entrepreneurial Center and more to augment your foray into the world of start-ups.

**EDUCATION PIONEERS**

Looking to be a leader in education and desire more training? Check out Education Pioneers at <https://www.educationpioneers.org/what-we-do/education-pioneers-fellowship/summer-fellowship>. The deadline to apply for their 10 week summer fellowship is December 18. You will work and bond with a summer cohort as well as have access to networking with 3,500+ past cohorts and have access to a \$7,200 stipend. Learn more and apply as soon as possible to be in the best shape to compete.

[odu.edu/graduateschool](http://odu.edu/graduateschool)

## SPECIAL: LINDSAY THORNTON (1ST PLACE AND PEOPLE'S CHOICE WINNER OF THE 3MT)



### **What encouraged you to choose our current field?**

I enjoy physics and I enjoy the people who do physics, they are an interesting group of people.

### **What made Old Dominion University stand out?**

They seemed to encourage students to do research that spanned multiple fields and I was attracted to that.

### **What encouraged you to pursue a graduate education?**

### **What motivated you to seek a mentor? What were your objectives?**

I knew I wanted the option of teaching at a community college or running an education department in a science center or museum, so it was a must to get a Masters, and I was interested in the thesis path.

### **What was your first conversation with your mentor like?**

Our first conversation was Dr. Sukenik offering me the opportunity to work on this project. I was a little lost as to what to do next and this was the perfect project (that I had no idea existed). One of my undergraduate degrees is in Environmental Studies and this project has applications in that area, which was a huge draw for me.

### **What have you gained so far in your work together? What have you learned about yourself professionally/academically?**

I am learning so much, this has already been so beneficial to my growth as a researcher, a student, and as a person. I have learned I enjoy hands-on projects involving optics!

### **What recommendations do you have for people seeking a mentor? Prospective mentors?**

I can only say, know where your interests are, but be willing to try new things. Also, find out about the person you will be working with, ask around. Everyone loves Dr. Sukenik so I knew I would be in good hands.

### **What has changed about your perspective since working in research?**

I am enjoying it more than I expected to! I have also come to the conclusion that not only do you have to enjoy what you are doing, but the people you work with play a big role as well. I not only have Dr. Sukenik in the lab, but experienced PhD student Grady White as well, who is like a second mentor. They both are excellent teachers and fun to be in the lab with.

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

I like that it will actually be used for practical application in the field and will help other scientists improve their research.

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

I have undergraduate degrees in Physics, Math, Environmental Studies, and Drama along with a variety of real world job experience, mostly in informal education. I've trained raptors, played with octopi, was a white-water rafting guide, and taught all ages indoors and out. It's been an interesting life thus far.

### **What have been your greatest challenges so far?**

First year of graduate level physics was the hardest thing I've ever done.

### **What do you like most about ODU?**

The atmosphere of learning and collaboration.

### **What are your hobbies?**

Ballroom dancing, acting, reading, hiking

## FUNDING OPPORTUNITY

The Bureau of Human Resources, Recruitment, Examination and Employment Office and the Bureau of Information Resources Management, Strategic Workforce Planning Office has announced a competitive program. The Foreign Affairs IT Fellowship Program is aiming to attract students from all backgrounds who have an interest in pursuing a Foreign Service career in IT with the U.S. Department of State. Women, members of minority groups historically underrepresented in the Foreign Service and students with financial need are encouraged to apply. The fellowship offers tuition assistance (up to \$37,500 annually), two summer internships with a stipend (one at a domestic office of the Department of State in Washington, D.C. and one overseas at a U.S. embassy or consulate. The program provides stipends, transportation and housing for these internships), and a career, if candidates pass the Department of State employment requirements. The Foreign Affairs IT Fellowship information and application can be accessed at [www.twc.edu/FAIT2018](http://www.twc.edu/FAIT2018). The application deadline is December 31, 2017. For additional information about the fellowship, please contact Program Manager Karen Ritter or External Program Director Kevin Nunley at [kevinn@twc.edu](mailto:kevinn@twc.edu).

## SPECIAL: MINDY GUMPERT, DOCTORAL STUDENT IN DEPT OF COMMUNICATION DISORDERS AND SPECIAL EDUCATION DEPARTMENT - PROJECTED GRADUATION DATE: FALL 2018



### Describe your awards and research.

I was Runner Up in the inaugural 3MT contest at ODU. It was an exciting experience. I signed up for 3MT to challenge myself to talk about my research in a succinct manner. I have been told when I speak or write that I do not possess an economy of words. So, the challenge was to see if I could present my pilot research in three minutes.

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

The population for my research is students with and without disabilities in an inclusive classroom setting. Limited research has been conducted on scientific argumentation and students with disabilities in the general education classroom, making my research very relevant and timely. Further, there has been a paradigm shift in science education over the last five years. We realized that we are not educating our children to prepare them for college, careers, and citizenship (National Research Council, 2012). One part of the shift is for students to engage in

scientific argumentation starting in kindergarten. Teaching argumentation can offer a means of developing social reasoning (Osborne, Erduran, & Simon, 2004), and thus help to prepare students for college, careers, and citizenship. I feel the largest implication of my study may be to provide a framework for teaching scientific argumentation in an inclusive classroom setting, which has previously not been studied.

### How do you give back to the community?

I volunteer my time at least twice a year at my old elementary school for Solar System Day and the SOLympics, two programs I created. I also am a Teacher Consultant for the Tidewater Writing Project located at ODU <https://www.odu.edu/twp>. We work with the Big Blue Camp at ODU to provide summer writing opportunities for students ages 5-12. We also provide teacher Professional Development in writing. Most recently I have become involved with REACH (Reading Enriches all Children), a volunteer organization that supports the literacy needs of homeless and at-risk children. I will be involved in their read aloud program as well as helping to create enrichment programs for reading and writing <http://reachreads.org>.

### If you were given \$50,000 in funding, what would you research and how?

My dissertation research will be to teach scientific argumentation in an elementary inclusive classroom setting using a control and treatment group. If I were given \$50,000 in funding, I would be able to expand my research beyond two classrooms by offering Professional Development (PD) on scientific argumentation to educators. Through the PD, teachers would learn how to successfully engage their students in this important type of discourse.

### What are your hobbies?

That's funny. Who has time for hobbies?



## CONGRATULATIONS TO THE GRADUATE PROGRAM OF INTERNATIONAL STUDIES

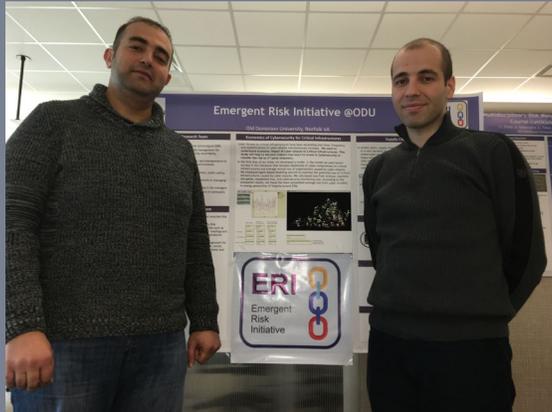
The Graduate Program of International Studies (GPIS) has a tremendous history of producing influential students that influence the world. Over its 25 year history, the GPIS has hosted 44 Fulbright Scholars. Some of its many notable former students include: Omar Hawthorne '12, a Lecturer of Government in the University of the West Indies Department of International Relations in Jamaica; Sabine Hirschauser '12, an Assistant Professor of Government at New Mexico State University/Las Cruces and the author of *The Securitization of Tape: Women, War, and Sexual Violence* (Palgrave Macmillan, 2014); Thomas Lansford '99, a professor Political Science at the University of Southern Mississippi (USM), former Academic Dean of USM's Gulf Coast campus from 2009-2014, and author and editor of more than 20

books; Chunlong Lu '07, an Associate Dean of the School of Public Politics and Public Administration of the China University of Political Science and Law in Beijing; Carlos Gustavo Poggio Teixeira '11, a Professor and Department Chair at Pontificia Universidade Católica de São Paulo (PUC-SP) in Brazil and author of *Brazil, the United States, and the South American Subsystem: Regional Politics and the Absent Empire* (Lexington Books, 2012); and Bezya Unal '14, a Research Analyst and William J. Fulbright Fellow at the think tank Chatham House in London and also makes frequent appearances on international media such as BBC, Radio 4, ITN, and ABC. Among this great news, The GPIS is pleased to announce that it will be graduating its 100th Ph.D. student this semester.

## STUDENT AND PROGRAM HAPPENINGS



On November 17, from 2:30 PM to 4:00 PM, via ODU's Graduate Program in International Studies (GPIS), Dr. Polina Sinovets is delivering a talk on Russia's Strategic Culture in BAL 9034. She is the Head of the Odessa Center for Nonproliferation (OdCNP), and an associate professor from the Department of International Relations of Odessa National I.I. Mechnikov University in Ukraine, and a Fulbright Scholar at the Middlebury Institute's International Studies Department of the James Martin Center for Nonproliferation Studies. Come, learn, and be intrigued.



Omer Poyraz (left) and Omer Keskin, at the EMSE-ERI Lab Space

### EMSE student research on Cyber-risk on VA Power Grid won an award

Omer Keskin and Omer Poyraz, both PhD students in the Department of Engineering Management & Systems Engineering (EMSE) won the 2017 Society for Risk Analysis (SRA) Student Merit Award for Economics and Benefits Analysis for their research titled "Annualized Loss of Revenue Caused by Cyber-attacks on Power Generation in Virginia Using Agent-Based Modeling." Awarding ceremony will be held at the coming SRA Annual Meeting in Arlington this December. This research is one of several in the area of cyber risk being conducted in EMSE with guidance from Dr. Ariel Pinto and Dr. Adrian Gheorghe, including risk of phishing, DDoS, and cloud ecosystem, as well as future of blockchain technology.



On October 27, Markis Bowers, a Master's in Lifespan and Digital Communication (LSDC) Student and GTA in the ODU LSDC program, exhibited some of his art at the Neo-Inspiration Exhibit within the James Wise Gallery at Norfolk State University (NSU). To the immediate right, he is talking about his painting of Dick Gregory, whereas on the farther right, another one of his abstract art pieces is on display. Markis is interested studying creativity and communication across the lifespan.



Have you already started your research? Are you looking to present? Come present and join your fellow students at ODU's annual Graduate Research Achievement Day (GRAD), this spring. There, you and students from each of ODU's colleges can deliver poster and oral presentations, gaining valuable experience and exposure in communicating your research.



On November 9th, The Strome Entrepreneurial Center hosted the ODU Company Expo, with 30 companies participating, including 3DXtremes, Executive Beverage LLC, Gymmie, Deep Space Divine Finds, Full Belly Delights, Future Traders, Monkey Cupcakez Cupcakery, Hastiv Social Media, ODU Physical Therapy and many more, offering services across design, manufacturing/prototyping, research, management, clothing, gaming, social media, food, e-commerce, internet and security, consulting, and beyond. This event is offered each semester, so be on the lookout for the next ODU Company Expo in Spring 2018.

Upcoming BSHS Program Director Candidate Presentations

## OLD DOMINION UNIVERSITY COLLEGE OF HEALTH SCIENCES

Two upcoming candidate presentations avail for the BSHS Program Director Position at the Health Sciences Annex, located at 1014 West 46th Street, Room 1008. On Monday, November 20, 2017, 10:00 am - 11:00 am Dr. Randy Kearns will be presenting "Healthcare System Disaster Preparedness and Business Continuity." On Tuesday, November 21, 2017, 10:00 am - 11:00 am. Dr. Kate Hendricks Thomas, MCHES will present at Health Sciences Annex, 1014 West 46th Street, Room 1008. The title of Dr. Thomas's presentation is "Bulletproofing the Psyche: The Practice and Policy of Military Mental Health Promotion."

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## ADDITIONAL APPLICATION / FUNDING PORTALS

The logo for AngelList, featuring a white peace sign icon to the left of the word "AngelList" in a bold, white, sans-serif font.

Where the world meets startups

Eager to leverage your skills among start-ups in silicon valley and beyond? Apply at Angel List, where you can apply privately to over 70,000 start-ups with just one application and talk directly with founders.

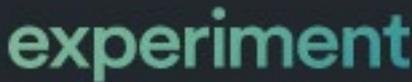
The logo for the National Science Foundation, with the text "National Science Foundation" in a serif font and "WHERE DISCOVERIES BEGIN" in a smaller, bold, sans-serif font below it.

Looking for funding? Whether you're a student or a professor, try NSF.Gov's revamped site and apply away. Searches are organized by A-Z index, research areas, special programs, and upcoming due dates, simplifying your search and moving you one step closer to funding for your next proposed project.



HUD.GOV

Does your project involve agriculture or rural areas, housing, individuals with disabilities or the elderly, civil engineering or related? Check with the US Department of Housing and Urban Development at <https://www.hud.gov/states/shared/working/groups/frmwrkcoln/fund/sources>. Grants offered may be able to help facilitate your projects, and their directives may generate new perspectives.

The logo for Experiment, with the word "experiment" in a lowercase, green, sans-serif font.

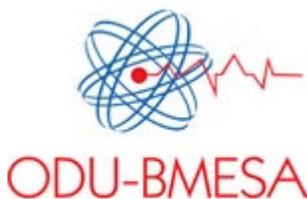
Looking for a cash infusion for your research? Consider funding your research through Experiment, a platform for scientists to connect and share with dedicated crowd funders. Be sure to have a cost breakdown and properly communicate the benefits of your work for lay audiences.

## NEW CLUB RECOGNITIONS

A couple of new interdisciplinary clubs have been recognized. Check them out, as they can help add perspective your graduate career. Be sure to seek out other clubs at <https://www.odu.edu/life/gettinginvolved/studentorgs>. There, you can find others and even start you own organization. Be sure to consult your advisor regarding acceptable time commitments and advisable clubs that can augment your experience on campus.

The logo for HOSA, with the word "hosa" in a large, white, lowercase font and "future health professionals" in a smaller, white, sans-serif font to the right.

Interprofessional Health Occupations Students of America (HOSA) is an "international student organization recognized by the U.S. Department of Education and the Health Science Education (HSE) Division of ACTE. HOSA's two-fold mission is to promote career opportunities in the health care industry and to enhance the delivery of quality health care to all people." Therein students can obtain valuable development opportunities. Read more at <http://www.hosa.org/about>.



ODU Biomedical Engineering Students Association (ODU-BMESA) is a Biomedical Engineering (BME) student group started by students from the ODU's innovative Biomedical Engineering program with the goal of pulling in all students along the STEAM spectrum, informing students of BME, and assisting in innovation, where it applies. Although new, they have held multiple talks from tinkerers and start-up founders and aim to hold workshops and demos for undergraduates and graduates of all majors. This semester, a past talk was held by Dr. Anthony Asmar, and an upcoming talk is to be held by Dr. Elaine Horne-Ranney of Tympanogen.

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## GRADUATE ALUMNI HONORS RECEPTION AND VIRGINIA COUNCIL OF GRADUATE SCHOOLS CONFERENCE



On November 3rd, the Graduate School split its forces, attending Virginia Council of Graduate Schools' (VCGS) Commonwealth Graduate Education Day in Northern Virginia (top left) and hosting The Graduate Alumni Homecoming Reception.

At the Day, Missy Barber, Dr. Bryan Porter, Lindsay Thornton, Kristina Stuhler, Jasper Dargan, and Daniela Cigularova represented ODU. They were joined by Dr. Desi Hacker, our Norfolk State University partner. Lindsay competed in a 3MT exhibition, earning second place. For those interested in attending next year, you may earn a spot by winning the 3MT or through recognition by faculty members and peers for outstanding school service and work.

At the Graduate Alumni Homecoming Reception, the other half, including Dr. Wojtowicz and I, hosted Alumni and guests and had a blast. Special guests included Dr. Augustine "Austin" O. Agho, Provost and Vice President for Academic Affairs, Dawn Provost, Vice President of TowneBank, and Dr. Patricia Huber, President of New River Community College. We hope to see each and everyone of you at Alumni receptions to come!



## EDITOR'S SPOT

Hey, you! Yes, you, fellow grad student. If you are going through a lot, it is ok to admit it. You may miss out on sleep. You may sometimes fall behind. You may sometimes take a hit. You may even have to take a break, and you may find yourself wondering why you are putting yourself through this. For some of you, like me, you may have told yourself while you were an undergrad that you would never find yourself in graduate school, and yet, here you are. Please pause for a second and take a look back at the big picture. Be this your first semester or not, you have taken a tremendous step towards self-cultivation and development. For those of you on a thesis or dissertation track, you have probably already contributed to a study which will no doubt be used towards making this world less confusing and easier to work with. However, it is hard to do this when to one's self. Thinking on that, I ask that you share your journey with us. No matter your track, you are on the path to greater things, and I ask that you continually look at the end goal and share your journey with a fellow student, your family, friends, and a close social/religious group. If not us, ODU Counseling is here (<https://www.odu.edu/counselingservices>). We're in this together. Don't go alone. We can and we will get through this. That said, and on a more playful note in the spirit of Thanksgiving, what are you thankful for? Tell me at [xpalmer@odu.edu](mailto:xpalmer@odu.edu) for a potential feature.

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ABOUT



# OLD DOMINION UNIVERSITY

**I D E A F U S I O N**

Find GRADUATE NEWS online at:  
[www.odu.edu/graduateschool](http://www.odu.edu/graduateschool).

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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