DEAN’S MESSAGE

As we review the 2018-19 school year we find once again that the College of Arts and Sciences (CAS) is made up of a diverse and vibrant community dedicated to intellectual discovery, to making knowledge matter in the world, and to helping students reach their highest academic, and more importantly their highest spiritual, potential.

With a rigorous core of undergraduate courses across the arts and sciences, the CAS faculty encourage student inquiry and research while at the same time offering unique opportunities for international and pre-professional study. Liberal arts and sciences uniquely position students for success providing the most dynamic, engaging, and comprehensive knowledge by which to tackle today’s most pressing challenges. The CAS provides a great opportunity to pursue dreams for a better life, to understand one’s place in the Great Controversy, to discover new knowledge, and to make the world a better place. Programs in the CAS span much of what has captured the human imagination from uncovering the secrets of the natural world to understanding humanity and the societies we form. Our faculty and students throw themselves into these questions with passion and determination.

This is my final Year in Review and I am excited to see a brief picture of what has taken place during the 2018-19 school year. We had the privilege of receiving a presentation from a Nobel Laureate and having faculty invited to be the keynote speakers at prestigious conferences. New endeavors include the establishment of a new honors society (Chemistry), the International Center for Worship and Music (Music Department), the establishment of the Agriculture Education Center and the Center for Trauma Education and Care (Social Work). Our faculty continue to be active in research both on a personal level and on an involving of students level. Our faculty love their students and demonstrate this love through great advising and the provision of warm space where all feel welcome and at times fed.

The Almighty has richly blessed me in my position as the CAS dean for the past thirteen years. What has made the responsibility particularly enjoyable is the opportunity to work with excellent faculty and great department chairs. As of July 1, 2019, the CAS dean position has been placed in the very capable hands of Dr. Amy Rosenthal. She is a graduate of Pacific Union College (BS) and Indiana University (MA, PhD). Dr. Rosenthal is a historian specializing in Modern Britain and Colonial Africa. Prior to accepting her current role, Dr. Rosenthal served seven years as Vice President for Academic Administration at Southwestern Adventist University in Texas and, previously, eight years on the faculty of Pacific Union College in California.

Our motto for students has been, “Class is over, please stay”. Come join us in our faith-infused learning environment where we are committed to a faith seeking understanding. Browse our website (https://www.andrews.edu/cas/) for more information about our departments and programs of study.
Each school year has its own essence and distinctive highlights. At the same time, every school year falls into time-honored rhythms and traditions. The vignettes that follow offer three perspectives on a year in the life of the Department of English:

This year we celebrated two of the characteristics that have long distinguished the department and its faculty: loyal, enduring commitment and excellence in teaching. Bruce Closser has taught at Andrews University for 40 faithful years of quality teaching. One of his students sums up his career eloquently, “Dr. Closser is not only a good teacher, academic advisor, and work supervisor, he is an overall good person.” Scott Moncrieff marked his 30th year of dedicated and creative teaching at Andrews. One student commented, “He’s a tough teacher, but that guy really knows what he’s talking about.” Julia Kim, whose specialty lies in language teaching, was presented with the Daniel A. Augsburger Excellence in Teaching Award for the 2018-2019 school year. As a student in the graduate program testifies, “Dr. Kim cares deeply, and it shows to everyone who knows her. It is clear to those of us who call her teacher that she cares immensely about her students, about her teaching, about her field of study and research, about this university, and about her Savior.” These three faculty and their colleagues all embody the department’s devotion to good teaching and scholarship in literature, language, and writing.

–M. Jones Gray, Chair

What can an English department do for students beyond the classroom? Just provide a place to study, drink tea, or meet up with friends? How can we best serve our students beyond fostering academic excellence? These are questions I think about daily as I try to assist our professors in creating a holistic environment where our students can intellectually and physically be at home—a place where they can come together with others who find joy in the “music” of words.

Small things are often overlooked, but they help to create a feeling of warmth and welcome. It’s no surprise that students are often stressed and have to juggle many things in their lives. Helping with printing a paper, sharing a granola bar, or lending a listening ear to anything that is on a student’s mind, are all part of being there for our students in ways that assist and nurture.

In our constant quest to improve our students’ experience, five years ago we agreed that providing food at a day and time that the students could count on would be helpful, and our current “Elevenses” event was born. Every Thursday at 11:00 a.m., we serve a light lunch to our majors, minors and grad students, and they often bring friends with them to sit down to eat and chat, or grab something on the run. Every May, when our soon to be graduates chat happily about their futures, I know we will miss them, but feel blessed to have been a part of their Andrews English experience. I hope that they will always remember we cared and that they felt at home in their department.

–D. Dalton, Administrative Assistant

As a senior English major and long-time officer of Nu Sigma, Andrews’ chapter of the English Sigma Tau Delta honors society, I spent last year constantly thinking of outreach. I wanted to positively affect the lives of my fellow students on campus, of course, but I also wanted to think about how our department’s unique strengths could benefit our wider Adventist educational community. So when I heard that my parents’ English-speaking school in Hong Kong, Hong Kong Adventist Academy, had a beautiful new library and virtually no books to put in it, I knew my department could help. The English Department, with its love of literature and heart for education, stepped up—with help from Dr. Corredera as well as the other officers, we raised enough money to fill an entire box with classic, diverse children’s books, and I flew them out to Hong Kong last Christmas. Even better, our project supported two educational programs: because we ordered books through The Crayon Box’s Scholastic account and earned rewards for them, we gave their pre-k classroom the opportunity to purchase new books. That Christmas, I spent a day reading classics like Corduroy and Owl Moon, hand-picked by my professors and friends, to the first and second grade classrooms. Seeing the light in the kids’ eyes, I thought that maybe we had a few English majors in the making.


Website: https://www.andrews.edu/cas/english/
Facebook: https://www.facebook.com/AndrewsUniversityDepartmentOfEnglish/
For the 2018-2019 year, our students developed two new initiatives. The History Club, its members from all three programs in the department, came together each Friday afternoon to record and plan its weekly podcast, “Don’t Quote Me, but . . .” The students covered current political and social topics in a fast-paced, and often humorous, dialogue. In January 2019, members of the History Club traveled with Stephanie Carpenter to the American Histori- cal Association conference in Chicago. Students attended sessions dedicated to undergraduate and graduate students as well as those featuring podcasts and student engagement. Our Pre-Law Society, its members from the department and pre-law pre-professional stu- dents, attended several department events and met with law school admissions representatives here in Berrien Springs as well as in Chicago at the Law School Admissions Council Law School Forum and the University of Chicago Law School. In 2018, we established Andrews University Hall, an undergraduate chapter of Phi Delta Phi: International Legal Honor Society, and held our first initiation ceremony. Our Pre-Law Society (Phi Delta Phi) joins already estab- lished History (Phi Alpha Theta) and Political Science (Pi Sigma Alpha) honor societies. Each of these honor societies held meetings and events throughout the year, culminating in our annual honor society department banquet.

Department faculty continue their research projects as well as teaching new courses and mentoring our students. Stephanie Carpenter continues to sponsor Phi Alpha Theta and the History Club, as well as the newly established Phi Delta Phi chapter. John Markovic continues his work on the Emerging Church/Emergence Christianity; Marcella Myers is teaching courses for the Community & International Development (CIPD), and Gary Wood continues as sponsor for Pi Sigma Alpha.

Website: https://www.andrews.edu/cas/history/
The Department of International Languages & Global Studies continues to integrate language and culture in our "Change the World" mission of Andrews University by providing students with several on-campus and off-campus opportunities to explore the world they will change. During the month of January 2019, the visit of the novelist and Noble Prize laureate Azar Van Der Vliet Oloomi, who brought some remarkable multicultural life experiences and suggestions on how to use that knowledge to promote and influence our globalized world, was a spring semester highlight. Dr. Van Der Vliet Oloomi spoke about how learning languages and living in different cultures can make you not only a globalized citizen but also a sensitive person able to deal with cultural and ethnic diversity.

Another guest at Andrews was the French Consul of Chicago. Students from the ILGS department had the opportunity to interact with him and exchange experiences. Because of that interesting conversation, and after receiving information about the French program at Andrews University, the Consul offered internships to current students that are available in Chicago.

In off-campus activities, a group of 28 students decided to study abroad during the 2018-2019 school year in Austria, Argentina, Brazil, France, and Italy through the ACAS program, which is open to any Andrews University student. They studied the language and the culture of those countries. Travelling was an important component of their experience and they could see the most emblematic sites on those respective countries. When asked about their study abroad time, they did not hesitate to say something about this life-changing experience. Christina Coston, a double major in Communication and Spanish, went to Spain and said that the year abroad was not only helpful but also helpful in learning new languages and also helped me become familiar with the culture. Additionally, I made lifelong friendships and memories. I highly recommend studying abroad. For Janine Logan, a double major in Psychology and Spanish, living in Spain for a year helped her realize an important difference in lifestyles. “I loved how laid back and chill Spain was, which is so different from the hectic lifestyle of so many Americans.”

Another world-view experience was a study tour. During the month of May 2019, a group of 41 students participated in a very intense study tour to explore the cultures of Spain, Italy, and Greece. They were completely immersed in cultural experience all day, every day, from the morning wake-up call (usually not in English) until the last activity of the day, they were exposed to a completely different environment, language, food, meal time, public transportation, internet speed, public signs, personal space, local currency differences, markets, stores, car sizes, motorcycles, historic sites, religious symbols, and even elevator and bed sizes at the hotels. Many of them summarized this study tour experience when asked what their college experiences they will remember best. Mostafa McDonald, an English major, said, “One of the things that I learned from the European culture tour was the importance of taking time to relax and enjoy life; the people there seemed happier and less stressed.” Torian Hill, a Psychology and Spanish major, added, “One lesson is that in most European cultures, time with family and socialization is very important. Sometimes, people would spend hours at a restaurant talking and eating only a snack.” Mia Hunter, a transfer student majoring in Spanish pre-med noticed the difference in pace between the European and the American cultures. “It (Europe) is not as fast paced as America. It’s more laid back and less stressful. Things still get done but people work just enough to be happy. They walk everywhere and there is no need for cars really! I enjoyed my time and highly recommend the tour.”

Finally, an example of world change is the experience of Noel Har ris, a double major in French and Sociology, who graduated from An drews University and went to Europe to complete her master’s degree in Development Studies. She worked as a Development Assistant at the Graduate Institute of Geneva. Her story shows how relevant her experience learning a foreign language at Andrews University was. It allowed her to have access to unique opportunities reserved exclusively to bilingual students and professionals.

Finishing my masters in Development Studies at the Graduate Institute of Geneva was facilitated by my studies at the International Languages and Global Studies department at Andrews University. My first year at AU, I got the opportunity to study in Collonges, France. Learning a new language and meeting new people was integral in my academic development. Living near Geneva also familiarized me with the world of international organizations and the United Nations. Because I had learned French, which is an official UN language, it opened doors for different internships and jobs. When returning to the US, I got the chance to study in Collonges, France. Learning a new language and meeting new people was integral in my academic development. Living near Geneva also familiarized me with the world of international organizations and the United Nations. Because I had learned French, which is an official UN language, it opened doors for different internships and jobs. When returning to the US, I got the opportunity to study in Collonges, France. Learning a new language and meeting new people was integral in my academic development. Living near Geneva also familiarized me with the world of international organizations and the United Nations. Because I had learned French, which is an official UN language, it opened doors for different internships and jobs. When returning to the US, I got the opportunity to study in Collonges, France. Learning a new language and meeting new people was integral in my academic development. Living near Geneva also familiarized me with the world of international organizations and the United Nations. Because I had learned French, which is an official UN language, it opened doors for different internships and jobs. When returning to the US, I got the opportunity to study in Collonges, France. Learning a new language and meeting new people was integral in my academic development. Living near Geneva also familiarized me with the world of international organizations and the United Nations. Because I had learned French, which is an official UN language, it opened doors for different internships and jobs. When returning to the US, I got the opportunity...

The Department of Music is grateful to God for a successful and vibrant 2018-2019 school year.

One of the highlights of the year was the visit of world-renowned orchestra conductor and living legend Herbert Blomstedt. He led a series of events for the students of the Department of Music and the community. Maestro Blomstedt inspired and challenged music students to excel in their path to artistic excellence and in their commitment to seek the truth and change the world. Our new appointed AU Symphony Orchestra conductor, Dr. Christopher Wild is a recent graduate of Northwestern University’s Bienen School of Music, where he received a DMA in orchestral conducting. He has joined forces with the University Singers and Chorale performing Charles Gounod’s “Gis- selle” (along with Professor Charles Reid as error soloist) and also with the hymn When I was Gone, arranged and conducted by Professor Stephen Zork. The Symphony Orchestra repertoire also included works performed by the six winners of the annual Young Artist Competition. This year’s winning students were Stephanie Guimaraes (Violin), Katha- rina Burghardt (Voice), Jade McCellan (Vio- lin), Emily Jurick (Piano), Jeremy Myung (Violin), and Antonio Miranda (Violin). University Singers, the University Chorale, and J Cantori had wide-ranging performance activities. Including French choral concerts in the Howard Performing Arts Center and collaborative performances with Andrews University Symphony Orches- tra, Wind Symphony, Opera Gala and the Music & Worship Conference. Five graduate choral conducting students gave outstanding recitals and performances at the Annual Fall Allup and mentorship of Prof. Stephen Zork.

One of the highlights of the year was the release of the first promotional video of the Department of Music: “We Change the World One Note at a Time”. Music Faculty and students were led by Chair Bubba Richey, Mario Minero, director of Esperanza TV, and Gold Productions, for capturing the essence of what we do at the Department of Music in a professional video.

In January, piano professor Dr. Chi Yong Yun was the distinguished guest artist and soloist at the Innsbruck International Winter Music Festival in Seoul, Korea, where she participated in several concerts, teaching master classes, and serving as an adjudicator for the International Piano Competition. As a recitalist, Dr. Yun also performed with the Sunnyside Symphony Orchestra in Portland, Oregon, for their fund- raising Gala concert. Dr. Yun is a guest Artist Faculty to Montecito International Music Festival in California, where she will perform in the Gala concert with violinist Choo-Liang Lin, among other notable artists.

Also in January 2019, the Andrews University International Center for Worship and Music (ICWM), a long-cherished dream of SDA musicians, theologians, leaders and educators around the world, was launched. The ICWM seeks explicitly to resource and educate musicians for work within the context of Adventist mission and ministry; and it will support the pursuit of music for sacred use among the diversity of cultures and ecclesiastics seeking to give expression to Adventist worship. The first activity organized by the ICWM is the Certificate for Leadership in Worship and Music which will be offered on the AU Campus from June 23-29, 2019. This certifi- cation is designed to train and resource lay leaders, musicians, pastors, and anyone involved in music ministry.

During Spring break, the AU Wind Symphony, under the direction of Byron Graves, went on tour to Thailand. Several students expressed that the tour was an exula- DEPARTMENT OF INTERNATIONAL LANGUAGE & GLOBAL STUDIES
By Dr. Pedro Navia

DEPARTMENT OF MUSIC
By Adriana Patricia
“Don’t just choose a major… choose a mission!”

The 2018-2019 school year for the Department of Religion and Biblical Languages has focused on life mission. When university students are struggling through the process of choosing a major and a career path, we have sought to also highlight God’s call to mission, not just a major. Choosing a major requires guidance and reflection, and some students find themselves switching majors after a month or a semester or two because there are many important questions to consider.

But it is also important to look beyond the major and consider one’s purpose in life. In the Department of Religion, we believe that God has called each student to serve Him in some unique way. There are many paths of service for humankind so we encourage students to choose a major with a mission.

For students interested in “a life with a mission” the Department of Religion and Biblical Languages offers two main pathways: the theology major and the religion major.

The theology major prepares those who are planning to be pastors, campus or hospital chaplains, or Bible teachers. The theology major fully aligns with the new seminary M.Div. program.

The religion major is primarily a dual-degree focus. This major is ideal for those who will seek employment through another major (such as business, music, dentistry, medicine) and who desire to become spiritually and theologically equipped for ministry as part of the laity. This ability to combine the religion major with another major offers many possibilities. For example, religion and social work are a very desirable arrangement. A religion major may also be a good choice for a transfer student or a non-traditional student heading into ministry.

The Department of Religion also offers three minors: 1) Religion, 2) Biblical Languages and 3) Missions. The Religion and Biblical Languages minors provide rich biblical scholarship. The Missions minor provides a pathway to spread the Good News of Jesus Christ to our broken world.

The seven faculty of the Department of Religion continue to serve the mission of Andrews University and the Seventh-day Adventist church in multiple ways. Each faculty member carries a heavy load of classes, teaching religion and theology majors but also teaching hundreds of general education students. It is a distinct mission and privilege for our department to teach the religion courses for the campus.

Additionally, the religion department faculty serve in many other kinds of ministry. Dr. Ruben Munoz has been collaborating with Professor Davide Sciarabba and a team of international Hispanic theologians and pastors to develop an online Spanish Initiative in Undergraduate Theological Education. They have also taught classes and presented seminars for Hispanic pastors in the United States and Latin America. Professor Susan Zork combines significant teaching ministry with her devotional and pastoral care for students in class and in the One Place congregation. Along with presenting research papers at professional biblical studies conferences, Dr. Erhard Gallos has been invited to give Biblical presentations on various subjects in churches and on campuses throughout the Lake Union. As the new president of the international Adventist Theological Society, Dr. Rahel Wells continues a heavy schedule of teaching, research and publication. In addition to preaching in many locations, Dr. Rodney Palmer has sponsored the Andrews Ministerial Club and directed the Field School of Evangelism in May 2019. Dr. Glenn Russell continues to host the weekly Scriptural Pursuit media broadcast and directed the Honduras mission trip in December. In March 2019, Dr. Russell directed the mission trip to Beirut, Lebanon where his team of students and staff provided physical therapy for refugees, conducted two weeks of prayer, and assisted in the It Is Written evangelistic outreach. Whether it is giving Bible studies, providing pre-marriage counseling, mentoring students, providing pastoral counseling, ministering to congregations or presenting scholarly research papers, the faculty of the Department of Religion rejoice in the privilege of being part of God’s mission.
The Department of Biology has continued to thrive in both material and immaterial ways this school year. It has gained resources, provided accessible off-campus opportunities to students, and continued to minister to students by using a faith-based approach to science.

Specifically, in late 2018, the Department of Biology acquired a Keyence computer-driven fluorescence microscope that simplifies use by students. It provides publication-quality multi-color images which will enhance scholarship and teaching in areas that rely on microscopy such as microbiology, cell biology, and histology. Attached is an image taken by students in BIOL372 class where students study cells in detail. Peter Lyons, who teaches BIOL372, exclaimed “It was great to use this microscope with my students! Its ease of use really makes the microscope accessible and quick to use. It’s easy to find the cells with autofocus, easy to see them clearly with autoexposure, easy to make quality multicolor images. Everything is easy.”

The image shows MDCK (Madin-Darby canine kidney) cells stained with dyes that visualize the nucleus (blue) and microtubules (part of the cytoskeleton, colored green). Generous alumni funding made the purchase of this instrument possible. The acquisition of this microscope broadens the microscopy “suite” available to students. With the addition of this gift, along with the two departmental electron microscopes, the Department of Biology is positioned to offer microscopy training relevant to careers in biology.

Even as our on-campus facilities continue to grow, students often find academic enrichment through off-campus experiences. Paola Bayona participated in a summer undergraduate program through Discovery facilities. The staff were very accommodating and allowed them to get in the water with the manatees to collect data. Overall, it was a fantastic trip both academically and personally. Adam comments that “Dr. Gonzalez is a great biologist and an even better Christian; it’s a research experience that an undergrad can’t get at most schools.”

As a Seventh-Day Adventist science department, the Department of Biology consistently works to incorporate faith into the curriculum. Benjamin Navia and David Mbungu have written an article published in the Journal of Christian Education. In this paper, Navia and Mbungu investigate student perceptions regarding the study of evolutionary concepts in their Foundation of Biology class here at Andrews. It is known that student interest in the subject is influenced by several factors, including prior exposure to the material, students’ belief system, and the instructors’ attitudes towards the subject. These factors also determine the ability of students to understand, discuss, and analyze evolutionary arguments. The results of this study showed that students are interested in the material, think it is important to study, and value discussing these issues in a supportive Christian environment. The authors discuss the implications of this for strengthening the faith and intellectual growth of students.

Overall, it has been another spiritually and academically stimulating school year for the Department of Biology.

Website: https://www.andrews.edu/cas/biology/
In addition to the competition, the teams could collect points on technical challenges before the competition and on homework that was collected around noon on Friday. The MCA team was second overall after the homework and technical challenges, trailing Michigan State by 13 points. During the pick-up competition, MCA took the lead and was 24 points ahead of Michigan Tech before the obstacle race. Western won the race followed by Michigan Tech and MCA, resulting in MCA winning the challenge overall by a single point over Michigan Tech.

Gunnar Lovholden, MCA team sponsor and professor of engineering at Andrews University, supported Andrews students at the competition. He says, "The MCA team worked really well together and maximized their performance by making good design decisions." Hyun Kwon, chair of the Andrews University Department of Engineering, adds, "I am proud of our students. They have proven the ability to successfully compete at such a high level and against much larger schools.”

On December 1, 2018, students in the Andrews University Department of Mathematics competed for the second time in the William Lowell Putnam Mathematical Competition—the preeminent mathematics competition for undergraduate students in the United States and Canada. In order to compete, students individually take a six-hour exam comprised oflegendarily difficult proof-based problems. The Andrews University team scored in the 49th percentile, competing against the best mathematical talent from the nation’s top universities. The 2018 Andrews team consisted of Devin Garcia (physics and math, sophomore), Mykhaylo Malakhov (junior, math), and Adrian Negrea (sophomore, computer science). Also participating in the competition were Kacinda Ford (2019 BS in math), Yauer Montereery (math, junior), and Yosia Nuhan (math, sophomore).

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After a period of collaboration, the Department of Mathematics and the newly formed Department of Computing rolled out a dual major in Data Science open to students beginning Fall 2019. The B.S. in Data Science provides students with a background in computer science, mathematics, statistics, and a chosen domain area such as Behavioral Sciences, Biology, Finance, Marketing, Physics, or Public Health. As the students garner skills for acquiring, managing, visualizing, mining, and modeling data, they will have the tools and techniques for working with Big Data and using machine learning for making predictions. Andrews will be one of less than 100 institutions nationwide that offer this major even though the demand for data scientists currently exceeds supply. The curriculum is composed of a core set of classes in data science, computer programming, mathematics, and statistics as well as domain-specific courses and cognates.

The 2018-19 School Year Award Ceremony, the Student Association presented mathematics professor Dr. Shandelle Henson with the Teacher of the Year award. This award goes to a teacher whom students have highly recommended as an excellent teacher and mentor. One of the members of her Scaredi Ecology Team, math major Yosia Nuhan states, "Dr. Henson gave me an opportunity to do research the summer after my freshman year even though I had no previous experience in research. She held high standards yet patiently helped me to attain a higher level of professionalism. She is very understanding and willing to work with inexperienced students like me." Other students comment on how clear she makes the material that she presents in her classes.

To facilitate students’ ability to assimilate the material and be able to share it with others, Mathematics professor Dr. Anthony Bosman has started a YouTube channel. Called Math at Andrews, the channel has almost 10,000 views, with over 1,200 views on Dr. Bosman’s first Knot Theory lecture. All of the MATH 485: Special Topics—Knots class lectures are available there as are the videos that students made for their MATH 355 course (discrete math). Students from around the world have watched the videos, and the Andrews University mathematics students who created the videos enjoy looking at the comments these videos have garnered. To make the videoography easier, Dr. Bosman has purchased a camera, green screen, and various other pieces of equipment with funds from a teaching innovation grant from the Center for Teaching and Learning Excellence.

This year the Department of Mathematics invested in a promotional video that we have uploaded to our Facebook page as well as to our AU Department of Mathematics home with the title, “Dr. Anthony Bosman,” and various YouTube channels, garnering positive comments as it presents our department to prospective students in a unique way.

Overall, this year has been filled with student and professorial successes, and technological advances in order to make our program more accessible to future and current students.

Website: https://www.andrews.edu/cas/engineering/
**DEPARTMENT OF PHYSICS**

By Dr. Margarita Mattingly

In the Department of Physics during the schoolyear 2018-2019, some bywords that embody the fulfillment of those promises include Biomedical Physics, APS and PhysCon, Moku Lab, STEMboost, and Series.

**Biomedical Physics** is a new 34-credit potential career path for Andrews students that will launch in Fall 2019. It is an innovative preparation for medicine, medical physics, and biomedical engineering. It empowers problem-solving and research in biology and medicine with physics tools and analysis used in Health Physics, Medical Imaging, Radiation Therapy, Biotechnology, Molecular Biophysics, and Nanotechnology. It is a rigorous introduction that will prepare students for direct employment or graduate study.

Nationally, there are only six undergraduate Biomedical Physics programs, and none of them are SDA institutions. There is a huge demand for medical physics and its extraordinarily high salary levels. There is a need of around 300 new medical physicists per year while only 60 or so are being produced each year, so the market is strong. This is a four-year program, but a five-year dual BS/MST program in the works in collaboration with Radiological Technology, nationally, there are only six undergraduate Biomedical Physics programs, and none of them are SDA institutions. There is a huge demand for medical physics and its extraordinarily high salary levels. There is a need of around 300 new medical physicists per year while only 60 or so are being produced each year, so the market is strong. This is a four-year program, but a five-year dual BS/MST program in the works in collaboration with Radiological Technology. It is a rigorous introduction that will prepare students for direct employment or graduate study.

PhysCon, which refers to the new concept equipment in our Advanced Technology Center in Palo Alto as Senior Research Scientist for interferometric imaging and laser communications.

This past January, as Chief Strategy Officer and co-founder of Liquid Instruments, she came for a whirlwind visit to present an entire talk (ie. Physics Colloquium Talk) “From Research to Startups—What I did after Andrews with my Physics and Math Major.” Afterwards, she demonstrated the Moku-Lab and offered two units to us that she had brought in her tooebag for us to try out. Meanwhile, that very week her business had raised over eight million dollars in a Series A funding round to accelerate product development as it grows in the US, Europe, and Asia. The following week our students and faculty ran the 12 Moku-Lab models. Lock-in Amplifier, Arbitrary Waveform Generator, PID Controller, Bode Analyzer, Laser, Lock Box, Phasemeter, Oscilloscope, Spectrum Analyzer, Digital Filter Box, Waveform Generator, Data Logger, and FIR Filter Builder. They worked beautifully and were put immediately in service. You can see us at the market to the simplicity, small footprint, versatility, and user friendliness of the Moku-Lab. It was a game changer for us all. We shared this technology with our colleagues in engineering.

**STEMboost** is a course concept designed, developed, and rolled out this summer to boost the quality of STEM education by enhancing the continuing education of K-12 educators. It provides first-person experiences that will translate into participants’ respective classrooms and labs. It is a five-week program of online preparation leading up to a five-day site visit to the Advanced Technology Center in Palo Alto as Senior Research Scientist for interferometric imaging and laser communications.

The physics was led by Professor Mickey Kuzner assisted by former physics major Dillon Zimmerman (BS Chemistry, Mathematics Studies, 2017) for the hands-on physics lab component. STEMboost is supported by the Lake Union Con- gration-Design students and interned on-site at the California Institute of Technology (CalTech). Retzé is scheduled to present a public lecture at the Howard on Wednesday evening of 23 October 2019, having met earlier in the day with students, faculty, and other interested parties. Several exciting developments have developed in our Department this past year. First, we have changed our name from the Department of Agricultural to the Department of Sustainable Agriculture. We have been benchmarking, talking market surveys, and discussing an update to our name for several years. Our name needed to reflect better who we are and what we do, so this year we made the change. It will appear in the 2019-2020 Bulletin. Second, the most recent model for an Agriculture Education Center has been approved. It will re-purpose the facilities of the former dairy which ceased operations in December 2018. The price of milk dropped to an unsustainable low level and the dairy was losing too much money, so the AU Board of Trustees voted to close it in June 2018. This had an impact on many students enrolled in the University but our department felt it primarily since we used the dairy for labs, research, teaching, and internships every semester. A number of models of what would of were suggested, proposed, or planning in order to maintain the quality education our students received, and then take it to the next level. We are now moving forward with the approved model which will have a wide variety of domestic livestock, poultry, food, and son." The new model will have an immersive experience with animals and plants. They are very excited about the prospects! Our students have more details about it: www.andrews.edu/agriculture.

In student news:

Our student club, the Flora & Fauna Club, had an active year with several vessels, service projects (cleaning barns, socializing dogs/ cats, a month long at the State Fair, and working with the children’s home), and was put in service immediately. Advanced Lab students resonate with the simplicity, small footprint, versatility, and user friendliness of the Moku-Lab. It was a game changer for us all. After sharing this technology with our colleagues in engineering, we are now putting it into practice. On the domestic front, our facility and Environmental Landscape Design students have developed the landscape designs for the Andrews Center for Wellness on campus as well as Camelot Place condominiums and JKB Contemporary Art Museum, Naples, MI. We are looking forward to what the 2019-2020 school year will bring. The future is very promising! 

Website: [https://www.andrews.edu/cas/agriculture/](https://www.andrews.edu/cas/agriculture/)

**DEPARTMENT OF SUSTAINABLE AGRICULTURE**

By Dr. Katherine Rousseau

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Our student club, the Flora & Fauna Club, had an active year with several vessels, service projects (cleaning barns, socializing dogs/ cats, a month long at the State Fair, and working with the children’s home), and was put in service immediately. Advanced Lab students resonate with the simplicity, small footprint, versatility, and user friendliness of the Moku-Lab. It was a game changer for us all. After sharing this technology with our colleagues in engineering, we are now putting it into practice. On the domestic front, our facility and Environmental Landscape Design students have developed the landscape designs for the Andrews Center for Wellness on campus as well as Camelot Place condominiums and JKB Contemporary Art Museum, Naples, MI. We are looking forward to what the 2019-2020 school year will bring. The future is very promising! 

Website: [https://www.andrews.edu/cas/agriculture/](https://www.andrews.edu/cas/agriculture/)
This year the Department of Behavioral Sciences had the unique opportunity to have faculty members involved in major events and projects that impact the world stage and the Seventh-day Adventist World Church.

First, Dr. Øystein LaBianca was one of two invited keynote speakers for the opening session of the 14th International Conference on History and Archeology of Jordan that was held on January 21st in Palazzo Vecchio, Sala Cinquecento. This year also witnessed the historic celebration of 50 years of research at the Mabada Plains Project (MPP) in Jordan. The MPP is considered the longest ongoing archaeological project that includes three sites: Tell Hoban, Tell Jalal and Tell Umayri. Dr. LaBianca is one of the co-directors and founding fathers of the project. Third, Dr. Duane McBride and Dr. Karl Bailey completed the important and enormous task of leading a microanalysis of a global church member survey that was presented and received favorably at the General Conference Fall Council and was published in the March 2019 issue of Focus Magazine. Finally, Dr. McBride continues to serve as President of the Adventist Human-Subject Researchers Association and was reappointed to the Advisory Committee of the Monitoring the Future Study at the University of Michigan, as well as being reappointed Chair of the NIH grant review committee on Moving the Field Forward Conducting Secondary Data Analysis of Meta Health Data Banks.

The department has also been blessed in regards to faculty awards. Two of our faculty were publicly recognized for their contributions to Andrews University. Dr. Melissa Ponce-Rhodas received the undergraduate Research Mentor Award and the Bruce E. Lee Service Award for the Social Sciences Division. Dr. Harvey Burnett received the Sigmund H. Horn Award for Excellence in Research & Creative Scholarship.

Dr. LaBianca presenting the keynote address at the opening session of the 14th International Conference on History and Archeology of Jordan on January 21st.
By Danielle M. Barnard

COMMUNITY & INTERNATIONAL DEVELOPMENT PROGRAM

Madagascar Study Tour: Exceeding All Expectations

When I decided to join the graduate program of Community and International Development there were several things I expected. I, of course, expected to learn about the theory of community development and increase in knowledge necessary for me to work in what I believe to be a necessary yet ever-changing field. I expected to meet students from around the world, with various levels of experience, and with differing skill sets than myself. I expected to gain greater clarity about where I fit in this field and hopefully some direction about what I’d like to do with this degree. I expected to write a lot of papers, spend hundreds of hours reading, and develop my research skills. As I am winding down my International Development program, I can say that the Community and International Development program has met all of these expectations. But when I signed up for the CIDP program and of all the expectations I had when I started the CIDP program and of all the expectations I did not have when signing up for the study tour, I can say without doubt that the Madagascar Study Tour is an experience that students need. It’s more than just six credits, it’s more than an opportunity to travel, it’s an opportunity to learn and grow that will exceed all expectations.

Note: I kept track of all my experiences in Madagascar via my social media. These photos and stories were compiled and shared in a photojournalism article through Spectrum Magazine. Learn more about my experience on the study tour here: https://www.spectrummagazine.org/arts-essays/2019/beauty-behind-us-stories-madagascar

Website: https://www.andrews.edu/cas/behavioral/cidp/

New Staff: During the 2018-19 school year, we added three new employees to the staffing, namely: Margaret Adeogun, Head of Patron Services & Marketing; Zorislav Plantak, Systems Librarian; Kevin Reiner, Resource Sharing Manager; and Vicki Wiley, Office Manager.

Retirements. The Dean of Libraries, Lawrence W. Onsager, retired after 18 years of service to Andrews University. Others who retired included Steve Sowder, Systems Librarian; Mildred McGrath, Patron Services Manager; and Wanda Cantrell, Office Manager.

Projects. When walking through the stacks of the James White Library, there are many areas where the shelves are full to bursting. There is little room to add new titles. To solve this problem, the James White Library contracted with OCLC to provide an analysis of the collection using a program named GreenGlass. This program allows us to identify titles that:
• have been sitting on the shelves for 20 or more years and which have never been checked out, but which are readily available in other libraries where we can get them through interlibrary loan. These titles are candidates for possible removal.
• are available full text online in HathiTrust. We retain access to the content so we can remove the physical copy on the shelves.
• are not found in other libraries. These will be secured in a Rare Book room.

By Margaret Adeogun

Website: https://www.andrews.edu/library/
Social Work’s 2018-19 has been both eventful and productive. Our first piece of good news is that the Andrews University Board voted to upgrade our status to School of Social Work! We are excited by this new phase in our history, which (almost!) coincides with the 25th anniversary of the beginning of our Masters in Social Work (MSW) program in 1995.

We Bachelor’s in Social Work (BSW) and MSW programs continue to thrive, with around 100 students in both programs. We continue to produce graduates who are successful in the field of social work. Our latest five-year alumni survey shows that, of those who responded, 100% of those who attempted their state board exam passed that test. In addition, 100% of those who had looked for a social work job had found one.

We worked hard to obtain re-accreditation for our BSW and MSW Programs. Under the leadership of Curt VanderVaal, the incredibly large self-study documents had key sections written by Alina Baltazar (MSW Program Director), Dezi Davis (BSW Program Director), John Gavin (BSW Washington Adventist University), Krista Cooper (Assessment Coordinator) and Troya Smith (Director of Field Education). Shannon Trecartin provided invaluable support and writing in the assessment and diversity chapters and Ingrid Slikkers added critical documentation support. The self-study submission was followed by a smooth site visit by the Council on Social Work Education (CSWE) in April. We fully anticipate receiving an 8-year re-accreditation when CSWE reviews our site visit findings in the fall.

We are also pleased to announce that we have created a Center for Trauma Education & Care, coordinated by Ingrid Slikkers. We have received start-up funding from a private donor and look forward to integrating trauma education throughout our curricula in the coming year. We will continue to feature trauma education as a new focus area for MSW students starting this Fall Semester. Over the past year we provided trauma education to the Navajo Nation Reservation in Chinle, AZ as well as offered family-centered trauma education to Latino families in North Carolina. This summer, faculty and students are traveling to refugee camps in Ethiopia and Cambodia to provide similar services. Within these trips, our team delivers intro-

The 2018-2019 year was a time of transition for the Undergraduate Leadership (ULEad) program. The program was integrated into the Social Sciences division of the College of Arts & Sciences; as a result ULead has become more involved in the work of the Andrews University Unified Outcomes curriculum overview. Kari Prouty, new ULead director, co-lead a discussion to clarify the shared curricular outcomes for ULead.

Over the coming year. We will also feature trauma education as a new focus for the Andrews University Unified Outcomes curriculum overview. Kari Prouty, new ULead director, co-lead a discussion to clarify the shared curricular outcomes for ULead.

We are excited by this new phase in our history, which (almost!) coincides with the 25th anniversary of the beginning of our Masters in Social Work (MSW) program in 1995.

institutions for MSW students starting this Fall Semester. In less than two days several thousand dollars were donated by local students and community members.

The class wished for another way to use the yummy Laffy Taffy candy. The class thoughtfully shared his candy with other classmates and this started a conversation. The class wished for another way to use the yummy Laffy Taffy candy. The class thoughtfully shared his candy with other classmates and this started a conversation.

The bright socially active indoor/outdoor public space in the center of campus that would encourage students, faculty, and staff to go outside regardless of the season; providing them with a destination that is experientially connected to the landscape. The goal was to design a space that would run all year long, accommodating at least 30 people in a cozy and enjoyable environment that would also help prevent seasonal affective disorder in the Andrews University community. Gwen conducted a charrette (an architecture design event) of both students and professors who created several designs which, if built, would meet the needs of current and future Andrews Students. These designs have already been shared with Andrews Administrators.

Evenly “Ev” Milliner’s project was a response to an emergency. Chaplain Michael Poitie’s son Jesher, was born prematurely and was in a neo-natal intensive care unit. Her inspiration was a blog post by Chaplain Poitie describing the imaginary world he experienced with his son Jesher. Ev created the “Starship Jesher” T-shirt design using Poitie’s images of the incubator as a spaceship and little Jesher wearing an epic pair of sunglasses. As Ev states, “The shirt is a declaration of love and support for a family that deserves more than love and support can give.”

Functionally, this project consisted of establishing relationships and rapport with the family, designing the shirts, and creating a way for Andrews University and the broader church community to support the family. Ev built a social media presence so that supporters and donors could help on multiple platforms (Etsy, Kickstarter, emails, hand selling, and even church bulletins). Ev has stated that this structure and the things that she learned through the project will be useful in others in the future.

Kia Williams started an outreach program for the AU women’s basketball team. Her plan connected the team with the outreach coordinator at the YMCA. Kia and her teammates ran a basketball clinic for elementary school students at the Benton Harbor/St. Joseph YMCA. It was important to Kia that the local kids know that the team members cared about them. Kia explains, “[We] hope to help these children see the underlying values learned in the game of basketball and how they can be applied in their lives in practical ways.” The project was popular with both the team and the students. Kia’s structure has been implemented by the Andrews University Lady Cardinals basketball team and the team plans to continue working with the community in this manner in the future.

ULead shines through the students we prepare for the work of Servant Leadership. Whether minors, certificates, or a la carte classes, we are changing the world, one student at a time.

Website: https://www.andrews.edu/cas/socialsciences/
This year, the Department of Visual Art, Communication & Design welcomed a new faculty member and artist-in-residence from Europe to build on the growth and recent accolades in the film program. The highly talented Austrian Sebastian Woeber is a Director of Photography and a graduate of the prestigious Film Academy Vienna. He is the founder of Cinema5D.com, one of the leading websites exploring film technology and equipment. His unique insights and technical prowess have strengthened the film program this year, and the students have responded positively to his high standards.

The Communication programs consistently highlight the opportunities available to the students for professional development. In October 2018, seven graduate students, two undergraduate students, and two faculty members attended the Society of Adventist Communicators Conference (SAC) held at the North American Division headquarters in Maryland. One of our faculty members, Heather Day, received the prestigious Young Professional Award. Chelsya Waworuntu, an MA Communication graduate student, emphasized the networking opportunities: “The doors that were opened through SAC reminded me exactly why I wanted to pursue Communications in the first place.”

The Department of Visual Art, Communication, and Design at Andrews University is committed to publishing quality content and beautiful design. We are thrilled that our award winning Envision magazine continues to set the pace for collegiate publication nationally. It is a byproduct of intradepartmental collaboration, where our communication, film, design and photography students work together to create a compelling, professional publication.

According to Heather Day, our editor and also Associate Professor of Communication, this year the magazine set out to tell honest stories reflective of young adult culture and to do it well enough that people noticed nationally: “Our students worked hard to put together a quality product. This fall we were recognized by the Associated Collegiate Press, a national organization that sets the standards for collegiate publications. Envision won a Pacemaker, which is considered the Pulitzer Prize of collegiate journalism.”

For Envision’s latest issue we were able to bring to campus Wandile Mthiyane, a recent Andrews graduate who was recognized by TEDx as one of the top 100 millennial world changers. He spoke to students about the importance of serving in the spaces of your life where you were not served. Last month, Wandile became an Obama Fellow.

His faith and work of building homes with dignity through Ubuntu Design in South Africa inspires young adults in our church to believe that their service can be their legacy. His story became Envision’s cover story and we are honored to share it.

In March 2019, three of our graduate students presented their research at the MASAL conference held at Alma College. It was a great opportunity for our students to engage with other scholars within the Michigan academy. Several of the students in attendance are already working on their research and production projects in anticipation of next year’s events.

Website: https://www.andrews.edu/cas/vacd/
Julia Kim (English)
Julia Kim’s teaching embodies the philosophy of teaching to which Andrews University aspires and is characterized by excellence, inquiry and compassion. She teaches a wide range of classes: first-year college writing, English for speakers of other languages, a graduate seminar on Global Englishes—varieties of English spoken around the world, to name just a few. In the classroom Julia skillfully combines academic rigor with teaching strategies that spark her students’ interest. She brings cutting-edge research and information to her presentations and also engages students with her innovative use of technology, encouraging student participation and interaction both in and out of the formal classroom setting.

Julia is an inquisitive, energetic learner herself and never shrinks from tackling new knowledge. A colleague observes, “It’s too hard a word that Julia surely has not uttered in any language when facing professional challenges.” As a very active research faculty, Julia infuses her own scholarly endeavors with this spirit of inquiry and models good research practices for her students. Julia Kim consistently shares her scholarly expertise, mentoring her students to present papers at academic conferences and collaborating with colleagues.

Julia is also very sensitive to the diversity she encounters among her students, and she is skilled at recruiting and training students responding to cultural differences. Her care and concern for her students reaches to the bedside of a student undergoing surgery in Ann Arbor, to a young woman struggling to finish the final requirements for her papers at academic conferences and collaborating with colleagues.

Harvey Burnett (Behavioral Sciences)
Harvey Burnett is an outstanding example of the best of what Andrews’ faculty can be. Harvey has a voice from an interdisciplinary background that has played a major role in his professional development and contributions to our community. He holds a Master of Divinity and a PhD in psychology. Harvey has an outstanding record of integrating faith, teaching, service and research in his career. His students and colleagues consider him an outstanding teacher, advisor and mentor. Harvey has a global reputation for his commitment to service in many roles from local conflict resolution and work with police departments to international disaster recovery.

He also has established a strong scholarly record of accomplishment and, perhaps more importantly, he has fully and faithfully developed a strong departmental scholarly productive culture in the Department of Behavioral Sciences. His faculty and students lead the College of Arts & Sciences in scholarly productivity. His research mentoring of students has helped produce outstanding scholarly work that has resulted in a high number of student presentations at regional and national conferences and student co-authored publications. His example has been inspirational to his colleagues.

Gunnar Lovhoiden (Engineering)
Gunnar Lovhoiden received the 2019 Bruce E. Lee Excellence in Service Award for his extraordinary commitment to service. He was a core team leader a church plant in 1998 for an experimental church of small groups launched by NADEL, the Calvary Road Community Church, an SDA Church in Niles, MI. He is Ministry Leader for the Monthly Mobile Food Pantry, which recently served 140 families in a single event. Gunnar was responsible for training most of the group, to adopt a neighborhood in Niles, which is now a strong center for outreach to kids and teens. Every month he leads out in delivering food door to door to residents from local detention centers and purchased from the warehouse at Feeding America. Gunnar’s favorite role is behind the scenes. He sets up the church at least twice a month. At the church’s annual Easter Egg Hunt and other events for the community, Gunnar will be the first to arrive to make sure all equipment and tables, etc. are set up. In addition, Gunnar works with the children’s ministry along with his wife, Linda, teaching 10-15 year old youths at least twice a month. He is frequently involved in doing projects, which use his skills in construction, mechanics, and cutting firewood to serve people who do not have the means to fix or provide for themselves. A direct quote from Gunnar is “I don’t think God wanted us to serve for what it would do for them but what it would do for us.” His pastor, Mark Youngberg, notes, “I personally think that Gunnar takes seriously the call to love your neighbor as yourself in the way Jesus meant it. He loves interacting and conversing with those he serves and knows them by name as well as their stories. His greatest joy is to serve the “least of these.”

2019 BRUCE E. LEE AWARD FOR EXCELLENCE IN SERVICE

Adriana Perera (Music)
Adriana Perera’s strong dedication to both the local and extended community is remarkable. She came to Andrews University to teach in the Music Department, she has demonstrated passion for service and for participating in activities beyond her teaching responsibilities. For example, Adriana has developed a mini- institute to teach music to inmates of local prisons. She has organized a group of students, from the music department and others, to go with her and support this mini-institute. The time and effort involved in keeping this initiative running is impressive. For weeks and months, both students and inmates have been able to work together, share their love for music, and see how their lives have positively changed because of this experience. In addition, Adriana has designed and supported several initiatives on campus to encourage college and high school students to take part in music groups. Her service to the SDA Church is equally valuable. As a strong supporter of the integration of worship and music, she has traveled to several countries to make presentations and guide pastors and congregations as they look for venues to achieve such a much-needed integration. In conclusion, Adriana is involved in helping and providing service in all levels: university, local community, the state of Michigan, the United States, and the whole world. Finally, her strong collaboration with AULA (Andrews University Latino Association) has been so important for Hispanic students who see in Adriana a true role model. A Latina who overcame difficulties to achieve her goals and became not only a college professor, a department chair, and an international speaker but also a person devoted to serve and help everyone who is in need.

Melissa Ponce-Rodas (Behavioral Sciences)
Melissa Ponce-Rodas has led out in two crucial service areas at Andrews University. She organized an Andrews University response to Hurricane Maria that hit Puerto Rico in 2017. She led a team of emergency and trauma counselors who worked with the other students in the lab compiling data and put together posters and presentations to make sure that we are properly prepared. In the cricket lab, Melissa Ponce-Rodas has led the lab to achieve such a much-needed integration. In conclusion, Adriana is involved in helping and providing service in all levels: university, local community, the state of Michigan, the United States, and the whole world. Finally, her strong collaboration with AULA (Andrews University Latino Association) has been so important for Hispanic students who see in Adriana a true role model. A Latina who overcame difficulties to achieve her goals and became not only a college professor, a department chair, and an international speaker but also a person devoted to serve and help everyone who is in need.

When I found out that Dr. Navia was going to be my research mentor, I was excited because he is a widely respected professor known not only for his scholastic abilities but also more uniquely for his genuine care and interest in his students’ learning. My experience working on his research team has only confirmed this. Those of us on the cricket team have been able to witness Dr. Navia’s other great qualities such as his tireless work ethic as well as his ability to form meaningful relationships with his students.

No matter how busy he is, Dr. Navia has always made himself available to help us. In the cricket lab, we all know that we can ask Dr. Navia any question (we matter how small it is or how many questions we have already asked that day) and he will kindly explain the answer until he is confident that we are effectively able to navigate the task.

Dr. Navia goes way above and beyond what is asked of him as a research mentor. It is not unusual to see him spend hours cooking with cricket machinery to help a student with their problem, or a fact that many would see as not their responsibility. On top of all of this, Dr. Navia spends every week giving guidance, he has spent countless hours helping me and the other students in the lab compile data and put together posters and presentations to make sure that we are properly prepared. Dr. Navia has also given me extremely valuable feedback when I was most unsure. I know that I am one of many students (inside and outside of the lab) that Dr. Navia has influenced in a similar way.

I originally started working in Dr. Navia’s lab in order to gain research experience and master dexterity to prepare for me for medical school. While this did happen, under his guidance I also gained a love for research and formed a great group of colleagues who I now call friends.

I have had the honor of having Dr. Navia as my undergraduate research mentor over the past two years, and it has been an incredible privilege. Together, we investigate the relationship between behavioral and hormonal responses in a cricket model via painstaking cycle of trial-and-error. To clarify, the project that I am working on requires one to stay informed throughout the entire process. Dr. Navia has helped mentor, guide, and motivate me. There were many times where I felt defeated and depressed, but he has always had words of encouragement and been there for me. He is one of my favorites. He has also consistently pushed me to test my own intellectual limits, and teaches me when I err.

Finally, Dr. Navia has inspired me through his genuine investment in learning about his students and mentors, and the way that he respects,
Dr. Melissa Ponce-Rodas... What can I say? No student’s research experience is complete until given the chance to cross paths with a professional of her caliber. She embodies the whole person concept as described by God’s Servant in her inspired work *Acts of the Apostles*, p. 318: ‘No matter how high the profession, he whose heart is not filled with love for God and his fellow men is not a true disciple of Christ.’ During my time with Dr. Ponce-Rodas, I have seen first-hand her devotion for her mentees—including myself—and her number-one concern. While mentored by Dr. Ponce-Rodas, there was never a time when she did not take the time to assess my current life situation, and, if needed, lend a helping hand or a much-needed word of advice, whether career or non-career related. Having Dr. Ponce-Rodas as my research mentor was nothing short of a blessing as sharing our values enhanced our work and our connections. Workwise, she offered the ideal environment and set the ideal tone for any mentee, new or seasoned, to grow professionally and spiritually, especially while handling such a sensitive and taboo subject as the existence of domestic abuse in the SDA Church. The knowledge and practice I acquired while working with her will always be unparalleled. Only with her did I have the unique opportunity to exercise in the real world what I learned in the classroom. Only with her did I find out that such a field as Community Psychology exists and how rewarding and innovative it is. If not for her, I would have never imagined I was up to the challenge of presenting my own posters at different research events, during which my work was also noticed and complimented by other professors. No other professor or advisor has ever during my run through AU, kept me in mind for any professional development opportunity like she did, whether a work shop or a conference; not once did she leave me outside of her agenda. Every research related meeting with her was stimulating, thus inviting me as her mentee to ask more questions. She welcomed any useful input and insights I offered related to the subject, while also clearing away any confusion. Dr. Ponce-Rodas has undoubtedly been, and will always be, pivotal in my personal, career, and professional development. No other educator and community servant will bring credit upon AU by touching the lives of her mentees and students as Dr. Melissa Ponce-Rodas ever will. Any educational institution needs to be aware of the honor it constitutes to have this eminence within its ranks.”
Behavioral Sciences


RESEARCH & CREATIVE ACTIVITY

Peer-Reviewed Publications

RESEARCH & CREATIVE ACTIVITY

Peer-Reviewed Publications

RESEARCH & CREATIVE ACTIVITY

Peer-Reviewed Publications


Jordan M. Carraway, By beholding we become changed: Privilege, di- sayme, and inclusion in worship. NAD Ministerial, July 30, 2018.


RESEARCH & CREATIVE ACTIVITY


Biology


Daniel Gonzalez-Socoloske, Ezei Panjaitan, Miriam Marmontel, and Daryl P. Dominy. “Florida manatees have less functional teeth and higher levels of exposure to a naturalistic paradigm.” Andrews University Teaching and Learning Conference, Berrien Springs, MI. March 28, 2019.


Daniel Gonzalez-Socoloske, Ezei Panjaitan, Miriam Marmontel, and Daryl P. Dominy. “Florida manatees have less functional teeth and higher levels of exposure to a naturalistic paradigm.” Andrews University Teaching and Learning Conference, Berrien Springs, MI. March 28, 2019.


Daniel Gonzalez-Socoloske, Ezei Panjaitan, Miriam Marmontel, and Daryl P. Dominy. “Florida manatees have less functional teeth and higher levels of exposure to a naturalistic paradigm.” Andrews University Teaching and Learning Conference, Berrien Springs, MI. March 28, 2019.


English


Brandi Seawood, Adriana Luna, and Shandelle M. Henson. “In gulls: If the first–laid egg in a nest has been cannibalized, is the second–laid egg likely to be cannibalized?” Michigan Academy of Science, Arts, and Letters Annual Conference. Alma College, Alma, MI. March 1, 2019.


Charles Reid. Masterclass with undergraduate voice students. La Sierra University, Riverside, CA. March 19, 2019.


Carla Truong. Faculty, Young Artist Seminar. Rocky Ridge Music Center, Estes Park, CO. June 19-July 15, 2018.

Carla Truong. Violin Masterclass. Walla Walla University, Col- lege Place, WA. March 18, 2019.

Ching Ying. Professor of Music. Soka University, South Korea. March 2018.


“Does environment matter? Examining microaggressions and potentially damaging comments to support or rejection among LGBT+ millennials in the church.”


Research & Creative Activity

2018-2019 PERFORMANCES, EXHIBITIONS, RECORDINGS & FILM PRODUCTION

Behavioral Sciences


Chemistry & Biochemistry


History & Political Science


James White Library


Marine


New Faculty Research Grants
Lissa Abell (Chemistry), High Pressure Liquid Chromatography of Lipoprotein Panel.
Alina Baltazar (Social Work), Qualitative Assessment of Christian College Students’ Perceptions of Motivations and Influences for Health Risk Behaviors.
Daniel Gonzalez (Biology), Phase II of Ammoniac Manometry Study with Side-Scan Sonar and Initial Survey of Antillean Manatees in the Villa Clara Province of Cuba.
Tom Goodwin (Biology), Variation in Diet by Season, Age, and Gender in Thirteen-Gland Ground Squirrel (Sciurus nigriventer).
Julia Kim and Beverly Matlack (English), Power, Ideology, and Linguistic Choices in the Discourse on Women’s Ordination: A Study of Three Roman Catholic Dioceses.

2018-19 FACULTY RESEARCH GRANTS

2018-19 EXTERNAL RESEARCH GRANTS
Denise Smith (Biology) and Desmon M (Biology), Male Spouses and Female Pastors: Stressors and Coping Strategies.
Kendall Logan (Music), Musical Composition Featuring and Efficien- cy Project.
John Borton (Biology), Delphi Model of floating in the Membrane in Kinetic State with Aligned Pressure. Amines. Summer 2018

2018-19 UNDERGRADUATE RESEARCH SCHOLARS
Jeremy Baret (Hyun Kwon, Engineering), Development of a Dopame- mine Sensor. Summer 2018, Fall 2018
Jonathan Burton (Vanessa Corredor, English), Hispanic but Not Really: Food Place in the Puerto Rican-American Narra- tive. Spring 2019
Britney Byrd (Harvey Burnett, Behavioral Sciences), The Effect of Cognitive Strategies on Eye Movement on Eyewitnesses. Fall 2018, Spring 2019
Amara Chou (Tom Gallagher, Chemistry), Appearance and Microstructure of Tooth Enamel and Dentin. Spring 2019
Kien Chuang (Ryan Hayes, Chemistry), Method Optimization to Isolate Potentially-Carcinogenic, Amines-Based Heterocyclic Compounds. Summer 2018
Catherine Couv (Lisa Abell, Chemistry), Rapid and Versatile One-Step Synthesis of Desmosine Core. Summer 2018
RESEARCH & CREATIVE ACTIVITY
UNDERGRADUATE RESEARCH SCHOLARS / GRADUATE RESEARCH GRANT RECIPIENTS

Christopher Jenkins (Øystein LaBianca, Behavioral Sciences), Synthesis and Analysis of Red Perylenediimide Core PAMAM Dendrimers. Summer 2018

Delight Prazakawambwa (Denise Smith, Biology), Effects of body size, food type, and ontogeny on chewing cycle duration in West Indian manatees (Trichechus manatus) & Modeling morphometrics of West Indian manatees (Trichechus manatus) to estimate body mass. Summer 2018, Spring 2019

Tendai Hunsenyiwa (Denise Smith, Biology), The Effects of Novel Dihydropyridine Derivatives as Anti-invasive Drugs on Glialblastosomas. Fall 2018, Spring 2019

Nicolai Williams (Melissa Pence-Rodas, Behavioral Sciences), Awareness of Mental Health Services. Fall 2018, Spring 2019

Taejin Yoon (Desmond Murray, Chemistry), Green Organic Synthesis Mediated by Plant & Non-Plant ‘Powers’. Summer 2018, Fall 2018

2018-19 GRADUATE RESEARCH GRANT RECIPIENTS

Tendai Hunsenyiwa (Denise Smith, Biology), The Effects of Novel Dihydropyridine Derivatives as Anti-invasive Drugs on Glialblastosomas. Fall 2018, Spring 2019

Priscilla Kyi (Denise Smith, Biology), Benanathazale as a Novel Hybrid Anti-invasive Agent Against Glialblastosomas. Fall 2018, Spring 2019

Jeremy McLarty (Tom Goodwin, Biology), Paleoecological Interpretations of Microfauna from the Black Mountain Talc Layer, Bridger Formation. Summer 2018

Austen Menzer (Tom Goodwin, Biology), Seasonal Diet Variation in Thirteen-lined Ground Squirrels (Citellus tridecemlineatus) in Southwest Michigan. Fall 2018, Spring 2019

Joshua Prazakawambwa (Joel Raveloharimisy, Behavioral Sciences), The Use of ESRI Platform in the Reconstruction of the Hisban Longue Duree Project. Fall 2018, Spring 2019

Jeremy McLarty (Tom Goodwin, Biology), Seasonal Diet Variation in Thirteen-lined Ground Squirrels (Citellus tridecemlineatus) in Southwest Michigan. Fall 2018, Spring 2019

Kolina Rakotondrainibe (Joel Raveloharimisy, Behavioral Sciences), Integrating Humanitarianism with Adventist Evangelism: an Evaluation of the Efficiency and Effectiveness of Traditional Outreach Methods. Spring 2019

Christina Rosette (Joel Raveloharimisy, Behavioral Sciences), A Comparison of ISYNA and IMDA Gene Expression in Normal vs. Bipolar Cells and the Effects of DHA and EPA on the Expression of ISYNA and IMDA in Normal Cells Versus Bipolar Disorder Cells. Fall 2018, Spring 2019

Ingrid Radulescu (Monique Pittman, English), The Romanian Bard: Translating Shakespeare for a Post-Communist Nation. Spring 2019

Kasia Reitz (Kari Friestad, Visual Art, Communication & Design), An Artistic Response to God’s Word. Summer 2018

Paul Roschman (Øystein LaBianca, Behavioral Sciences), An Artistic Response to God’s Word. Summer 2018

Skyler Schell (Ryan Hayes, Chemistry), Binning Method Optimization in Form and Capture Potentially-Carcinogenic, Arginine-Based Heterocyclic Amines. Spring 2019

Michaela Souza (Desmond Murray, Chemistry), Synthesis and Activity of Novel Dual Binding Transfectors. Summer 2018

Nathaniel Srikurjala (Ryan Hayes, Chemistry), Prep-HPLC Method Optimization to Isolate Potentially Carcinogenic, Arginine-Based Heterocyclic Amines. Fall 2018, Spring 2019

Adam Weiz (Daniel Gonzalez, Biology), Effects of body size, food type, and ontogeny on chewing cycle duration in West Indian manatees (Trichechus manatus) & Modeling morphometrics of West Indian manatees (Trichechus manatus) to estimate body mass. Summer 2018, Spring 2019

Mikelle Wile (Shannon Trecartin, Social Work), Seventh-day Adventist Persons with Disabilities and Their Experiences with Involvement in Church Life and Ministry. Spring 2019

Ingrid Radulescu (Monique Pittman, English), The Romanian Bard: Translating Shakespeare for a Post-Communist Nation. Spring 2019

Kolina Rakotondrainibe (Joel Raveloharimisy, Behavioral Sciences), Integrating Humanitarianism with Adventist Evangelism: an Evaluation of the Efficiency and Effectiveness of Traditional Outreach Methods. Spring 2019

Christina Rosette (Joel Raveloharimisy, Behavioral Sciences), A Comparison of ISYNA and IMDA Gene Expression in Normal vs. Bipolar Cells and the Effects of DHA and EPA on the Expression of ISYNA and IMDA in Normal Cells Versus Bipolar Disorder Cells. Fall 2018, Spring 2019