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Editor: Dakota Hall
Designer: Diane Myers

andrews.edu/cas/year_in_review

All photos were provided by the Andrews University Office of Integrated Marketing & Communication, unless otherwise noted.

THE 2016-2017 ACADEMIC YEAR was a time of expansion, new initiatives and collaboration for the Explore Andrews Program. During July and August of 2016 the program launched the Andrews Early College Experience, a program for gifted high school students who had just finished their Junior or Senior year of high school. These students had the opportunity to enroll in a 3 credit-hour college course, participate in seminars and ACT prep workshops. Throughout the Fall and Spring semesters, around 100 students participated in these seminars.

As we move into the 2017-2018 school year, the program looks to continue to improve upon applicant yield rates and bring more students to Andrews University. New initiatives and continued collaborations with faculty will key in the efforts to achieve these goals. The Explore Andrews Program continues to be grateful for the efforts of the faculty of the College of Arts and Sciences as we work together to improve the academic experience of the students at Andrews University.

Website: andrews.edu/exploreandrews

EXPLORE ANDREWS

Text and Photo: Aaron Moushon

The College of Arts & Sciences (CAS) is the largest school of Andrews University and its academic heart and soul. Home to fourteen departments, the College offers students a journey of learning and discovery into the humanities, along with the social, spiritual, natural, and computational sciences—the fundamental disciplines that underpin contemporary knowledge creation. The CAS not only provides a world-class education for its own undergraduates, but also provides a liberal arts foundation for the undergraduate students in AU’s great professional schools.

Our faculty is a community of dedicated scholars and teachers whose research expands the boundaries of our knowledge and imagination, whose teaching prepares students for wide-ranging careers, and whose personal caring interest primes students to change the world. While carrying a commitment to its teaching mission, the College of Arts and Sciences is also proud to be an intellectual hub of AU. This year, our faculty received federal, General Conference, Google, and United Way grants. They also published sixty-six peer-reviewed articles, contributed one hundred forty-seven presentations at national and international conferences or artistic events, and mentored fifty-three undergraduate research scholars.

As you will see reflected in this Year in Review, the CAS experienced an exciting year. You will read about prayer groups, mission trips, and evangelistic series which resulted in baptism, students benefiting from world involvement, students and faculty presenting at professional conferences (twenty-five biology students presenting at MASAL), students being accepted into prime graduate programs, Andrews for the first time hosting the conference for an area honor society, music festivals, a department being listed in “The Best Agriculture Schools” and teaching “green roof implementation” in Jordan, Chemistry demonstrations at the Pathfinder Camporee, how departments work with the local elementary school, the grand opening of the Kingman Observatory, Envision receiving the Pacemaker Award from the Associated Collegiate Press, makerspace in the James White Library, and departments involved in a variety of volunteer work in the local community. And this past summer the CAS gained a new program, Undergraduate Leadership Development.

Browse our website (https://www.andrews.edu/cas/) for more information about our departments and programs of study. The site is filled with resources for parents, current and prospective students, alumni, faculty and staff. Finally, enjoy exploring this brief review of the 2016-17 school year and discover more about the vibrant and productive learning environment of the Andrews University College of Arts and Sciences.

DEAN’S MESSAGE

Edith M. Wiltshire
Dean

Early College students enjoy a trip to the Field Museum in Chicago.

Andrews University

While teaching our students this year, we too were taught. Here are some of the lessons English faculty learned:

**“Two older adults, a married couple, were in my ESL classes recently. They both have higher degrees and have worked in their home country abroad in academic environments as professors and administrators. Here they were in my classroom, struggling to learn English along with students half their age. Rather than highlight their potential status dissonance, they integrated beautifully into the class, participating respectfully with their younger classmates, yet not hiding their advanced knowledge. They admirably demonstrated that generational difference doesn’t have to be a barrier to creating good close friendships.”**

**“I’m not sure anyone would be interested in this,” a student said shyly presenting his rough draft. As we conferenced in my office, my professional “interest” in his paper soon became astonishment. This young man wrote of weighing over 400 pounds just a few years ago. He collapsed at home one day, was hospitalized, and was told that he must choose between an early death and radical lifestyle changes. He managed to exchange soda and chicken nuggets for more natural fare. He conquered his 40-cigar-a-day habit and learned how to exercise. Today, this young man of average height has lost more than 200 pounds. I look at him and see youth at its best: health, vigor, optimism, inquisitiveness, ambition, joie de vivre. He reminds me that so often I cannot fathom another’s burdens. At the very least, then, kindness and compassion must be my default settings.”**

“Repeatedly I am struck by our students whose primary language is not English and their struggles as they wrestle with the demands of trying to write in another language. It has to be difficult, and much of the angst involves a complexity of additional psychological issues that I don’t fully understand. As teachers, we naturally focus on grammar and style, ideas and focus, while their struggles also involve self-identity, cultural acceptance, and many other issues that I’m not always thinking about when preparing a syllabus or grading an essay. These brave students continue to teach me the importance of providing for them more than the usual doses of encouragement as they navigate the strangeness of the English language.”

Bowling Green State University.
Loyola University Chicago.
Michigan Technological University.
Northern Illinois University.
University of Central Florida.
University of Colorado Boulder.
University of Oklahoma.
University of Toronto.
Wayne State University.

What do these fine educational institutions have in common? This spring semester, each offered a covered place in their MA or PhD programs to a graduate of Andrews University’s Department of English. The offers included full funding, full funding, and even full funding plus. Such tangible votes of confidence in one’s graduates are certainly cause for celebration. We are humbled by the ultimate compliment by deciding to follow in their professors’ footsteps. While rejoicing over students’ accomplishments, English faculty continue to embrace and see their freshly minted articles or chapters, attending and guest lecturing at Andrews, Academy and Indiana Academy; providing sustenance for majors, minors, and graduate students at weekly, in-house “Thursday Elevenses”; attending a lecture on neo-slave narratives by alumna Dr. Valerie Lee, Professor Emerita of English, The Ohio State University, at the 9th annual John O. Waller Lectureship; receiving the Bruce E. Lee Service Award and the Undergraduate Research Mentor Award, College of Arts and Sciences; continuing the tradition of hosting graduates and their families for Sabbath lunch following the Baccalaureate service.

**What do these fine educational institutions have in common?**

While no academic year is challenge-free, 2016-’17 has been a good year, a year of bounty and blessings for this Department of English.

Shakespeare Congress: pouting hot drinks and passing out shortbread biscuits at President Luton’s pop up tea parties; debating pedagogical practices at faculty book club luncheons; opening refereed journals and scholarly books and seeing their freshly minted articles or chapters, recruiting and guest lecturing at Andrews, Academy and Indiana Academy; providing sustenance for majors, minors, and graduate students at weekly, in-house “Thursday Elevenses”; attending a lecture on neo-slave narratives by alumna Dr. Valerie Lee, Professor Emerita of English, The Ohio State University, at the 9th annual John O. Waller Lectureship; receiving the Bruce E. Lee Service Award and the Undergraduate Research Mentor Award, College of Arts and Sciences; continuing the tradition of hosting graduates and their families for Sabbath lunch following the Baccalaureate service.

While no academic year is challenge-free, 2016-’17 has been a good year, a year of bounty and blessings for this Department of English.
THE CENTER FOR Intensive English Programs (CIEP) serves Andrews students who need to demonstrate English-language proficiency and individuals from the community and beyond who come to Andrews to learn English. CIEP grew in student numbers this year and served the university in several new ways. We helped a diverse group of students meet their English-language goals. In total, more than sixty individual students from twenty-two different countries studied in CIEP in the past year. Depending on their level of language proficiency when they arrived, some students studied in CIEP for one semester, while others continued progressing and building proficiency throughout the year. Many moved on to either undergraduate or graduate programs at Andrews. Some of the students came to us from the surrounding community, including several with ties to the Whirlpool Corporation.

We added to our curriculum. We continued to make positive changes to our curriculum this year. After reviewing all of our classes and moving from three levels of study to four last year in order to provide more support for students as they make progress toward language proficiency, we fine-tuned these changes this year. Professors Aza LaBianca and Dianne Staples were especially helpful in their effort to revise learning outcomes and search for new textbooks that best fit with our new curriculum. In addition, Professors Lilia Moncrieff and Janet Blackwood designed a new mixed-skills class focusing on TED Talks and a new class which explores American culture called American Ways. Finally, Professor Lida Vincé continued to oversee the growth of the CIEP library by selecting and adding nearly one hundred new titles, now giving students close to three hundred books to choose from for their outside reading activities.

We were mission-driven. Our teachers were dedicated to creating and maintaining a Christ-like culture in CIEP. Some highlights: Professors Moncrieff and Vine continued to lead a weekly prayer group for instructors this year; Professor Blackwood created and maintained a Christ-like culture in CIEP. Some highlights: Professors Moncrieff and Vine continued to lead a weekly prayer group for instructors this year; Professor Blackwood designed a new mixed-skills class focusing on TED Talks and a new class which explores American culture called American Ways. Finally, Professor Lida Vincé continued to oversee the growth of the CIEP library by selecting and adding nearly one hundred new titles, now giving students close to three hundred books to choose from for their outside reading activities.

We connected with other Adventist institutions. Professor Blackwood secured new partnerships with Adventist universities in Mexico, Costa Rica, Colombia, Peru, and Brazil; we expect to see students from these universities studying in CIEP beginning in the Fall 2017 semester. Finally, Dr. Stuart visited Nahalal College on behalf of the Department of Leadership to ensure that English-language students in the MA Leadership program offered on the Nahalal campus had adequate English-language support.

We served the university in several new ways. On behalf of the School of Business, CIEP Director, Dr. Christian Stuart, visited Vietnam in December and China and Taiwan in March to oversee language testing for cohorts of students intending to pursue both undergraduate and graduate degrees from Andrews. In May, he visited Newbold College on behalf of the Department of Leadership to ensure that English-language students in the MA Leadership program offered on the Newbold campus had adequate English-language support.

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I hope that anyone who goes will fully enjoy their experience as I did." (Kristen Kim, Spanish Studies, one year in Spain)

"Having never been to Europe before, every trip and event was new and amazing to me. One particular weekend near the end of the year three other girls and I went to Paris to celebrate our friend’s birthday. That or our road trip to Barcelona! Or ten days spent wandering through Italy during break... Now back in North America I am truly grateful for the traveling that I was able to do, for the people who made it so special, and for the profs who helped me realize my goal of becoming bilingual.”

(Sarah Mackintosh, French Studies, one year in France)

"Being a history major and a lover of Roman History I would thoroughly enjoy our next stop, Sagunt. A small town, fifteen minutes away from the bustling city of Valencia, it is home to the Adventist College in Spain. But more importantly, its Roman ruins intrigued me. I wondered how it would be if I were to be as fortunate as the Spanish to grow up next to such ancient beauty.”

(Joshua Saunders, History major, participated in the summer 2017 Europe Study Tour)

"The experiences I had during this tour could never have been achieved in a classroom setting. I know the language, cultural, historical, and religious knowledge I gained from this month-long tour will help me in my future career to have a greater understanding of others. This trip exceeded my expectations in every way. I will forever be thankful for all the learning opportunities and adventures that this tour gave me.”

(Heather Baldwin, SPLA/Spanish Studies double major, participated in the summer 2017 Europe Study Tour)

25 students attended ACA during the 2016-2017 school year and 44 students participated in the study tour organized by the ILGS Department during May 2017.

Website: andrews.edu/cas/mls
Facebook: International Languages and Global Studies

Creativity and Connection: How do we use music in faith-responsible ways, not only to create beauty, but also to build relationships? How do we meaningfully share our talents and resources while also learning from one another? The Music Department’s active practice of music festivals and clinics provides one means to these ends, fostering vibrant links between our students, faculty, Adventist constituents and our broader local communities. Each March, the department hosts a music festival for all the academies in the Lake Union. Coordinated by Professor Alan Mitchell with assistance from Professor Chi Yong Yun, this year’s festival also drew participation from Northern Ohio Adventist Academy, and from Kingwood College and Crawford Adventist Academy in Ontario, Canada. For the past ten years, the department has hosted the Southwest Michigan Middle School Honor Band, a clinic originally coordinated by AU alumni Denise Santos-Stanbery. In 2015, Santos-Stanbery was a top-five finalist for district Teacher of the Year in Charleston County, South Carolina.) This year’s event, coordinated by Alan Mitchell, drew students from twelve public schools in southwest Michigan. We also hosted the Michigan SDA Elementary School Band and String Clinic, in which Alan Mitchell and Hector Flores (Andrews Academy) worked with 178 students from all over the Michigan conference. In addition, Professor Mitchell was a guest clinician at Indiana University’s Band and Choral Music Festival and gave multiple clinicings for the Bridgman High School Concert Band.

Professor Stephen Zork was an invited choral clinician to the Georgia Cumber- land Conference, Rio Linda Academy, Pacific Union College, the Minnesota Conference, and Spring Valley Academy. He gave an on-campus clinic for other academies from Maryland, Illinois, California, and Canada. Our University Singers anchored a community-wide church-choir festival in which multiple Christian denominations participated. They also collaborated with the Berrien Springs High School Choir for the November 2016 Veterans Day Concert. (The Berrien Springs High School choirs are directed by Carrie VanDenburgh, another AU Music alumna. She has been selected to direct the 2018 Michigan Allstate Middle School Honor Choir.) These musical relationships benefit all involved. Our own students gain a richness of collaborative musical experiences, and, after apprenticesing in a system of musical giving, our graduates pursue these collaborative practices in their own careers.

Transitions: Professors Carlos Flores and Alan Mitchell will retire at the close of this school year. Flores has been departmental chair, coordinator of the Theory Area, and professor of piano and theory. A gifted program builder and departmental recruiter, Flores also won awards for both teaching and advising. Mitchell has been director of the Wind Sympho- ny, coordinator of the Music Education program, and graduate program director. A gifted teacher, his most recent graduate in instrumental conducting is currently pursuing a doctorate at the Cincinnati Conservatory of Music. Mitchell also won an AU award for service in recognition of his remarkable dedication. We welcome three new faculty for next year: Adriana Perera (departmental chair), Byron Graves (Wind Symphony director and coordi- nator of the Music Education program), and Max Keller (coordinator of the Music Theory area).

Website: andrews.edu/music
Facebook: Andrews University Department of Music

DEPARTMENT OF MUSIC

This spring, Dr. Flores performed his original obbligato and cadenza with the AU Symphony Orchestra.

Members of the AU Wind Symphony give Prof. Alan Mitchell a new trombone as a retirement gift.

DEPARTMENT OF INTERNATIONAL LANGUAGES AND GLOBAL STUDIES

Text: Dr. Pedro Navia / Photos: Maria Barrios

One of the core components of the mission of the ILGS Department is to provide students with opportunities not only to develop proficiency in a foreign language but also to expose them to the excitement of exploring other cultures and connect them to the world. Today, more than ever, students should think about being ready to understand, deal with, interact, and collaborate with people from other countries and cultures. After all, that is what globalization is all about. This year, we would like to share with you some of the comments written by students who had the opportunity to experience life beyond our borders: students who decided to step out of their comfort zone to explore and change the world.

“I met some of my best friends this year who were visiting. While there, she and I and our one of the store workers wanted to have a conversation, but they faced the language barrier. I was thrilled to be able to help people communicate their questions and ideas to each other, and then to reflect on how, just a few short months before, I would have been totally unable to help them. I am now able to connect with so many more people in the world than I could before.” (Nikki Weis, SPLA major, one year in Italy)

“There is one experience that I shall certainly never forget, and that happens to be how I spent my birthday. That day, a group of us decided to go to the award-winning gelato place in the town by the sea. After figuring out transportation, we arrived and happened to meet two other classmates and their mothers who were visiting. While we were there, the mothers and one of the store workers wanted to have a conversation, but they faced the language barrier. I was thrilled to be able to help people communicate their questions and ideas to each other, and then to reflect on how, just a few short months before, I would have been totally unable to help them. I am now able to connect with so many more people in the world than I could before.” (Haley Russell, one year in Italy)

"I spent my birthday. That day, a group of us never forget, and that happens to be how I instantly became family. I have never been more thankful for all the learning opportunities and adventures that this tour gave me.” (Nikki Weis, SPLA major, one year in Spain)
2016-2017 has been a year of transition in the Department of Religion and Biblical Languages as Dr. Paul Petersen completed his service as chair of the department. In January, Dr. Glenn Russell became the chair, in March David Mann became the new departmental assistant, in July our new professor, Dr. Rodney Palmer joined our faculty and in August recently-honored teacher of the year Dr. Rahel Schafer became Mrs. Rahel Wells.

Dr. Ruben Munoz has been collaborating with Professor Davide Sciarabba and a team of international Hispanic theologians and pastors to develop a new Spanish Initiative in Undergraduate Theological Education here at Andrews featuring professional quality instructional videos, many of which were filmed on location at various historical and biblical locations in the Middle East. Professor Susan Zork has continued her teaching ministry in her filled-to-capacity religion courses where her love for Jesus combines with her devotional and pastoral care for students. Along with teaching many other classes all year and presenting three papers at professional biblical studies conferences, Dr. Erhard Gallos, New Testament and Biblical Languages professor, taught a June intensive in Greek and 100% of his students passed the Greek entrance exam for the seminary!

In March, Dr. Glenn Russell led a mission team of students to Beirut, Lebanon where they played, sang, laughed, preached and prayed on three different campuses as well as assisted at a Syrian refugee center. The cross-cultural dimensions of this mission trip took them into the homes of Muslims, into a local mosque, into eastern Christian churches and into multi-faith classrooms. This “Friendship Team” made such an impact that the schools have invited a team to come back next year and have built their school calendars around the next Friendship Team from Andrews.

One of the most important aspects of the 2016-2017 school year for the Religion Department was the three-week Field School of Evangelism in Honduras. Led and mentored by Dr. Erhard Gallos and Dr. Glenn Russell, the team of 21 students joined local Bible workers for visitation. Working closely with Pastor Daniel Chacon and the mobilized laity, the team presented evangelistic meetings in nine locations near Santa Barbara, Honduras. Some students preached under a tarp in a vacant city lot, others held meetings in the town square. Some meetings were held in rented halls. Students learned much through the experiences of conducting evangelistic visits in homes, nurturing relationships, preaching with translators, adapting messages and presentations for cross-cultural ministry. As one of the students remarked near the close of the three intense weeks of missions, “This was a lot harder than I thought it would be, but I learned so much. It has been one of the best experiences of my life. There is so much I have experienced that will shape me and my future ministry.”

More than 1,465 students took courses in the Religion Department during this year and it is our passionate desire that each one has had the opportunity to encounter Jesus and explore their personal journey of faith.

Website: andrews.edu/cas/religion
Facebook: Andrews University Religion Department
They began with the installation of one model Green Roof garden on the roof of the local girls’ high-school and two actual garden plots at the elementary school in Hisban. Since they were concerned with not only creating the garden, but also the sustainability of this intervention, they worked alongside local stakeholders. As such, they involved the school kids and teachers in the building process. It was important to Connor and the rest of the team that the locals learn the steps in building a Green Roof garden. So, the children joined them in planting the plants/seeds and watering the soil. Additionally, as a follow up, an Ecosystem Education Curriculum was designed and translated into Arabic, in hopes that it will be incorporated into their curriculum—using the physical garden as a teaching point.

New Plant Science Laboratory
In the summer of 2016, a former artist resident in Smith Hall was transformed into a wonderful Plant Science laboratory. The renovations included removing the old asbestos floor tiles and replacing them with a poured resin floor, new light fixtures over the lab benches, new cabinetry and chemical storage room, two new lab sinks and fresh paint. It all looks terrific! The students enjoy having updated facilities in which to conduct their lab and research procedures.

New Botanist on the Faculty
In August 2016, botanist Ralph Reitz joined our department as a half-time teacher of Plant Science, Soil Science, iGROW, and Principles of Weed Control. He also works fulltime as the botanist at Fernwood Botanical Gardens near Buchanan, Michigan. He earned his Bachelor’s degree in Botany from University of Michigan and his Masters in Natural Resources from Ball State University. We are very pleased that he is sharing his wealth of knowledge, enthusiasm and experience with our students.

The strong biology turnout for MASAL this year was not surprising; biology faculty mentored nearly 30 undergraduate researchers in 2016–2017 (along with half a dozen graduate students). These students represented the first cohort in our newly formalized Undergraduate Research Program, coordinated by Dr. Benjamin Navia, which requires undergraduate research applicants to interview faculty researchers and formally apply for an opportunity to work in a research lab. The program also provides two general research meetings each semester, to foster communication across labs and to help students see that they are part of a bigger endeavor. Although this was the first year for our formalized Undergraduate Research Program, we already notice improved student awareness of research opportunities and how to get involved.

Beyond their presentations on campus and at MASAL, our biology students have done other pretty cool things this year! Students investigated manatee teeth at the Smithsonian Institution National Museum of Natural History with a well-known paleontologist, dodged dive-bombing gulls on Protection Island while studying gull behavior, documented manatee habitats in Cuba, tracked an endangered rattlesnake in southwestern Michigan and presented at national neuroscience meetings in San Diego. BS Biology student Rashida Smith, along with faculty mentors Drs. Wilddon (math), Hayward (biology) and Henson (math/biology), published a scientific paper. We’re proud of our students and their contributions, and we’re committed to helping them learn through a variety of high-impact practices, including research.
Dr. Lisa Ahlberg has been donating her time and effort to ignite a spark of love for science in some of the students at Ruth Murdoch Elementary School this year. Twice a week, she teaches a class for the seventh and eighth graders who have chosen Intro to Chemistry as one of their nine-week long mini-courses.

One day this spring two of Dr. Ahlberg’s university students assisted her in creating some memorable demos for the youngsters. A flashy thermite reaction combines iron oxide and aluminum. The fire burns so hot the iron becomes molten, so it is performed in a clay pot full of sand for safety. The students were very impressed, to say the least.

After the bright lights, it was time to make a big noise. Dr. Ahlberg’s assistants filled a plastic bottle with liquid nitrogen and tightened the cap. Thankfully, all the students were safely standing far back as instructed when the liquid nitrogen warmed up, became a gas, and filled the bottle until it burst in a huge boom! There wasn’t much left to pick up afterward, just the cap and a few plastic bits.

Since there was still some of the super cold liquid nitrogen left, Dr. Ahlberg poured it out for the students to witness how the liquid would immediately evaporate when exposed to air. The students were very impressed, to say the least.

The Department of Engineering and Computer Science received plentiful recognition for scholarship this year. Several members of the department were awarded funding for research and programs which will continue in the coming years.

Google igniteCS Award: In March 2017, Google awarded the department a grant for their “codeShack” program. igniteCS works to empower university students with the ability to use their CS knowledge and skills to work with their communities, specifically with the goal of igniting a passion for computer science in the youth. codeShack, which the department began in the spring of 2016, allows university students to work with students at Ruth Murdoch Elementary School, guiding them in hands-on activities and coding experiences. Through these short courses, the university student mentors introduce 7th and 8th graders to coding and develop their interests. According to Evelyn Savory, principal of RMES, the igniteCS grant will allow codeShack “to acquire more robust equipment, software, and other necessary supplies, as well as to enhance and expand our coding program for all grade levels.”

NASA Award: Also in March, NASA selected two grant proposals on which Dr. Jay Johnson is a co-investigator. The two separate grants total nearly $1.5 million for the projects of which Dr. Johnson is a part. One of the grants is for a project principally investigated by Dr. Yu Lin of Auburn University in Alabama. Dr. Johnson explains, “This project will investigate how the fast flows excite kinetic or small-scale waves that carry energy along the field lines to the ionosphere. These waves can lead to electron precipitation (responsible for the Aurora Borealis/fairy lights) and ion outflows from the ionosphere.”

The second grant, in collaboration with Dr. Katarina Nykyri of Embry-Riddle Aeronautical University in Florida, is for studying leakage of solar wind particles across the magnetospheric boundary into the magnetosphere. Dr. Johnson is currently the principal investigator on two other projects funded by NASA.

something hot, something cold...

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Robert and Lillis Kingman Observatory Grand Opening

Friday evening of Alumni Weekend 2016, over a hundred faculty, staff, students and community friends gathered on the western most part of campus to formally open the new Robert and Lillis Kingman Observatory. Luminaria festively bordered the walkways, uplights splashed blue, aqua, and violet on the observatory walls and Edison lights hung along the rim of a large tent pitched to accommodate a happy crowd out of the rain. In his welcome, Dean of Arts & Sciences Keith Manting pointed out the words “the heavens declare the glory of God” surrounding the backside of the dome. Vesper singing and reflections followed, including a sketch of the 60-year history of events that “brought us to this moment” by Physics Chair Margarita Manting, University President Andrea Lorton concluded with dedicatory words and at that point, the dome was ceremoniously opened with light burning through the opening lit by music conjuring astur images. The ribbon at the doorway was cut and the door opened for tours (or rather, peeks inside) during the reception.

Why the observatory matters:

• This observatory is the only one in Berrien County open to the public and will attract and welcome both amateur and professional observers.
• The dome and telescope are fully automated rather than manually controlled
• The current 14-inch Celestron telescope purchased in 2011 for a replacement observatory, is still in good condition, and is a Schmidt-Cassegrain instrument, in comparison with the original 12-inch reflector procured in 1957
• One no longer has to stoop at the entrance
• Stakes can no longer shiver in

This new observatory was built primarily with anonymously donated resources, supplemented by funds the Physics faculty set aside in 2003 in honor of Robert Kingman’s retirement after 32 years as Department Chair. Now, as Professor Emeritus, he continues to meet with the Observatory Committee Chair Kelly Youngberg and members Mickey Kutzner and Stephen Thornton, planning the development of programs and services, equipment and facilities. Kingman originally introduced astronomy into the curriculum and onto the campus map with regular observation sessions for students. He and his wife share a vision for the difference the study of the heavens makes spiritually and intellectually. (For more details on this event, see Andrews Agenda article: https://www.andrews.edu/agenda/63488).

Plasma Research

While he continues to hold a primary appointment in the Department of Engineering and Computer Science (ECS), Johnson is bringing space weather to our department’s repertoire and is slated to offer other physics coursework this coming year in a faculty exchange with ECS. Student research involved the acquisition, processing, and analysis of data from the Van Allen Probe Mission in terms of instability near the plasmapause or in plasma plumes, and of data from the GOES satellite in terms of the causal relation between tail stretching and substorms and between geosynchronous orbit data and improved storm predictions. Results have been presented at the most recent NASA conference.

Effective June 30, 2017, Dr. Robert C. Moore will retire and become Professor Emeritus of Mathematics. Dr. Moore has taught the mathematics education methods course, course, Geometry, and discrete mathematics, as well as Calculus I and MATH 145 since 2006 when he came from Southern Adventist University to serve as Department Chair. After serving as Chair for five years, Dr. Moore devoted his time to advising the Mathematics Education majors and demonstrating his passion for quality teaching, a skill for which Dr. Moore has received the Daniel A. Augsburger Excellence in Teaching Award in 2010 and for which he received the Daniel A. Augsburger Excellence in Teaching Award in honor of Robert Kingman’s retirement after 32 years as Department Chair. Now, as Professor Emeritus, he continues to meet with the Observatory Committee Chair Kelly Youngberg and members Mickey Kutzner and Stephen Thornton, planning the development of programs and services, equipment and facilities. Kingman originally introduced astronomy into the curriculum and onto the campus map with regular observation sessions for students. He and his wife share a vision for the difference the study of the heavens makes spiritually and intellectually. (For more details on this event, see Andrews Agenda article: https://www.andrews.edu/agenda/63488).

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Similarly to last year, the Department of Behavioral Sciences has been in transition. After 20 years of service to our department as a sociology professor, Dr. Lionel Matthews officially ended his tour of teaching duty at the end of December 2016. Dr. Matthews has been a wealth of wisdom and mentorship to both our students and junior faculty. He will be sorely missed; however, he personally shared that he is available to return occasionally to support our instructional needs.

Although our department is losing a high quality and effective sociology professor in Dr. Matthews, we were able to replace him with another high quality sociology professor. Kristen Witzel joined our faculty in January 2017. She is currently completing her PhD in Sociology at Western Michigan University. Professor Witzel received her M.A. in Sustainable International Development from Brandeis University and her B.S. in Anthropology from Andrews University. Professor Witzel is no stranger to our campus and department; she has taught numerous Communications Skills (COMM 104) courses for the Department of Communication in the past and took part in our Community and International Development Program faculty and administrative staff before moving on to her doctoral studies. Welcome aboard Kristen!

The department has also been blessed in regards to faculty awards and advancement. Two of our faculty were publically recognized for their contributions to Andrews University. Dr. Duane McBride was honored for 30 years of faithful service, while Dr. Herbert Helm received the prestigious Siegfried H. Horn Excellence in Research and Creative Scholarship Award for Arts, Humanities and Education. Dr. McBride also received the Andrews University Research Mentor of the Year award for his contributions to mentoring.

outstanding research achievement with students. Professor Witzel was honored with the 2016-2017 Wally Post Award for Department Service and received Honorable Mention in Graduate Research and Creative Scholar Award from the Department of Sociology at Western Michigan University. Finally, Dr. Harvey Burnett was granted tenure. Our department is blessed and honored to have such faithful and hardworking colleagues.

Research activity among our faculty this year has been strong. This has included co-publishing with our undergraduate and graduate students in peer-reviewed scholarly journals. On average for the past several years, the Behavioral Sciences Department’s has led the College of Arts Sciences in total Faculty Activity Report (FAR) points, second to the Seminary’s Old Testament Department.

Recent Graduates

Our department was very excited about the academic achievements of several of our seniors who graduated this year. Courtney-Lynn Harvey (Psychology - Behavioral Neuroscience major) was accepted to the University of Cincinnati Medical School, while Noel Harris (Sociology – Community and International Development major) was accepted to the Graduate Institute of International and Development Studies in Geneva, Switzerland.

This year we are also proud of our student researchers:

- We sent twenty-seven students with Drs. Bailey, Burnett, Helm and Ponce-Rhodas to the annual Midwestern Psychological Association conference in Chicago in early May. There were 8 poster presentations from nine undergraduate students.

- This year’s Michigan Academy of Science, Arts & Letters (MASAL) was held at Western Michigan University. We had two faculty, nine undergraduate and five graduate students present their research.

- Approximately twenty students attended the Southwest Michigan Psychology Undergraduate Research Conference on March 31st which was hosted by the Western Michigan University Chapter of Psi Chi. Oral presentations were provided by two students, while seven students provided poster presentations. Courtney-Lynn Harvey received 2nd place for the oral presentation session, while Jessica Stelfox received 1st place for the poster session. In fact, the majority of students who attended and presented were from our department.

Webpage: andrews.edu/bhsc
Facebook: Department of Behavioral Sciences - Andrews University
Working toward our goal of enabling communities to improve aspects of their lives, the Community and International Development Program undertook several projects this year. This spring, we had our first Career Fair. We plan to have another one October 3, this time in collaboration with the School of Business. It will be held in the HPAC from 11 to 1 p.m.

Another important CIDP project is our study tour. In the middle of May, Dr. Joel Raveloharimisy and Dr. Tyola Smith took 15 students on a study tour to Madagascar, where they were actively involved in three mobile health clinics and three orphanages. The study tour allows students hands-on experience in the field much different from that which they take part in on Andrews campus. Below, see some firsthand accounts of the tour participants.

Messages from Madagascar

5/2/17 – Email message from Dr. Joel Raveloharimisy, Tour Director and Program Director of Community and International Development programs at Andrews University:

Today, the students were able to participate in a mobile health clinic that was organized, funded, and sponsored by CIDP students. The clinic consisted of 12 local physicians, 2 dentists, and 1 ophthalmologist and was held in one of the poorest villages in the area. We provided free services to over 200 people. The students paired up with the health professionals and were provided a translator in order to communicate with the healthcare professionals and locals. It was evident that the students loved being able to serve the locals and learn more about Malagasy culture and the health sector here. The local people that attended were very grateful and did not mind waiting patiently for their turn to see the doctor. One woman came up to us with tears in her eyes and expressed how thankful she was for the care she received, since she had not been able to see a doctor for many years. We will build the clinic again tomorrow and are looking forward to it!

6/8/17 – Email message from Tim McGuire, CIDP Graduate Assistant on tour to Madagascar:

Our experience is winding down here in the country of Madagascar. Since we last communicated, we have travelled across the vast landscape of the island. We visited with ADRA Fianarantsoa, and accompanied them as they showed us their many community projects, dealing with health, and microfinance. Then we travelled back to the capital city of Antananarivo. We explored where souvenirs are produced by individuals that were formerly homeless. We met with a social work professional, who is doing all she can to help some of the country’s most vulnerable. We were able to spend some time to learn about eco-tourism in a Lemur park where there were many species of Lemur that we could observe at a close distance. Then we travelled northwest to the coastal city of Mahajanga, where we were able to enjoy a day of rest exploring the beach, after our almost 12-hour trip. The next day we visited a mosque as we learned about the Islamic faith’s contribution to the development of their community. The Imam was very patient as we asked several questions. Today we visited with patients being ready to be serviced at the Adventist clinic we donated materials to. Then we visited the public university in Mahajanga. I think it is safe to say we are counting our blessings that we have the opportunity to receive the education that we do. Lastly we visited the public market to see how people do their grocery shopping and interact with others. Sunday we travel back to the capital, and then back to the U.S. on the 14th. This trip has been extremely valuable for our students. We are thrilled to announce that Lynn Caldwell will be joining us to lead our Public Relations program! Lynn has a long history as a public relations professional and educator, and we are pleased as punch to welcome her aboard.

In the coming year our department will be chaired by Paul Kim; Paul is a skilled filmmaker and spearheaded the documentary film program on the Andrews campus. Our previous chair, Steve Hansen, has accepted the position of Dean of the school of Art and Design at the University of Central Oklahoma. Although we will miss him, we wish Steve all the best in his future endeavors. Dr. Desrene Vernon-Brebnor also stepped up as our graduate program coordinator to continue the growth of our Communication graduate program.

We anticipate exciting possibilities in the coming year as we continue investing in our students’ future. With such a great staff and the amazing developments occurring in our programs, the future looks bright.
During this academic year, the library underwent some much appreciated renovations. We transformed the old microfilm storage room into a new eating area, into which we relocated the vending machines from their previous location on the ground floor. More updates are planned, such as installation of additional vending machines and a television screen. Furthermore, we replaced solid stained-glass windows in the main stairwell with tinted glass which lets in more natural light and provides a nice view across the flag lawn. During National Library Week, April 10-14, we installed new drinking fountains equipped with a filtered bottle-filling station on all three floors of the library. Andrews University Class of 2017 donated funds for two of the fountains and the library contributed funds to pay for a third fountain.

In collaboration with the Physics and Engineering departments, three 3D printers were set up in the Media Center this year. These departments were already working with 3D printers in their own offices but wanted to increase the usage of their machines. The library is a desirable alternative because of its central location, longer hours, and the success of the Large Format Printer installed last year. This collaboration marks the beginning of future projects to generate a creative Makerspace available to the entire campus.

This year we celebrated with two of our faculty who were awarded for their contributions to the university and surrounding community:

Kathleen Dennisky, director of the Architecture Resource Center, a branch of the James White Library, received the Andrews University Siegfried H. Horn Excellence in Research and Creative Scholarship Award for Professional Programs. Kathy is a gifted librarian who has conducted research in Waldensian history and beliefs and the literature of environmental design research. Carey Cascallen, dean of the School of Architecture & Interior Design, states, “Kathy’s passion for the study of the faith and history of the Waldensian people has made her an authority on the subject, and every year she leads a group of students and friends of the school on a life-changing tour of the mountains and valleys in Italy where so many Waldensians lived out their faith to the very end.”

Alice Williams, University Archivist, received the CAS Bruce E. Lee Service Award. Alice was recognized for years of service that include work in the former Department of Nutrition, for the College of Arts and Sciences as an Assistant Dean for Graduate Programs and for her work in archives. Keith Marginly, Dean of College of Arts and Sciences, says, “Her gentle, helpful, and supportive spirit have been much appreciated.”

Recent donations from scholars’ personal libraries:

Dr. Niels Erik Andreasen recently retired as President of Andrews University. His donation includes significant works on higher education administration and leadership, as well as his academic area of expertise, Old Testament studies. Notable examples: Jerry Good, Save the Planet by J. Matthew S steal, Moral Intelligence: Enhancing Business Performance and Leadership Success by Doug Lemnick and Fred Kiel, The Old Testament Sabbath: A Tradition-Historical Investigation by Niels-Erik A. Andreasen

While the Department of Social Work requires students to formally practice their beliefs of serving humanity through internships, our Social Work students also participate in activities organized by the Social Work Club. The club organizes fun events to build camaraderie among the students in the program, as well as activities where students are called to acts of service, to “be the change” we want to see in the world.

This year’s club organized three departmental service day events. In October, the club partnered with the AU Graduate Student Association to assist with the Street Store, a pop-up shop providing free clothes to anyone in need. The event took place in the parking lot of Mosaic, a local Christian community development organization that runs a thrift store and focuses on training unemployed individuals in the local community. The Social Work department served as one of the donation drop-off locations on campus and many of our students volunteered at the event.

Our second event took place on the last day of finals in December. Despite the cold, we stepped inside a classroom and ended up sharing how to say “I love you” in over twenty languages. The discernable impact of this activity transcended race, country of origin, language and even religion, which was evident not only on the faces of the boys but also on the faces of the Andrews students. A few students had tears, and later commented, “In a world so torn and divided, even by refugee issues, that was a little bit of heaven, wasn’t it?” After the campus tour, we had a dinner of homemade pizzas and then finished the evening with a laughter-filled night of bowling. It was wonderful to see the boys simply being boys, high-fiving everyone with every spare and strike and encouraging each other after every gutter ball. It was a time they could forget the things they have experienced, as most are orphans, and simply be teenagers. The life coach later reported that on the way home the boys asked if they could come to Andrews every weekend.

Our country is struggling to understand and accept those who are escaping war, famine and economic hardship, or who are struggling with challenges such as unemployment, mental illness, or substance abuse. We are proud that our students are reaching out to our local community, serving the most vulnerable in tangible ways that truly represents Christian compassion in action.

Website: andrews.edu/socialwork Facebook: Andrews University Department of Social Work

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