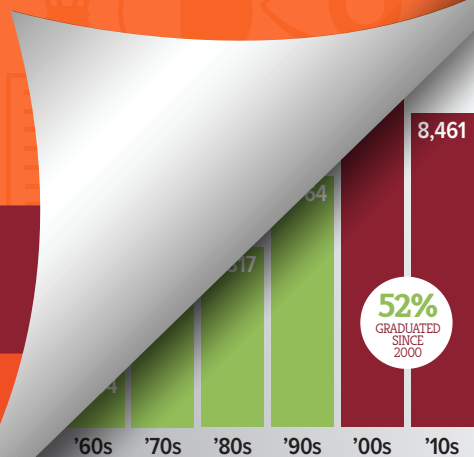


THE MAGAZINE OF  
**lewis university**  
 FALL 2016



*also inside*  
 2016 PRESIDENT'S  
*Annual Report*



\* as of July 2016

BY DECADE



*Memorial Hall (Student Union): Circa 1970s*

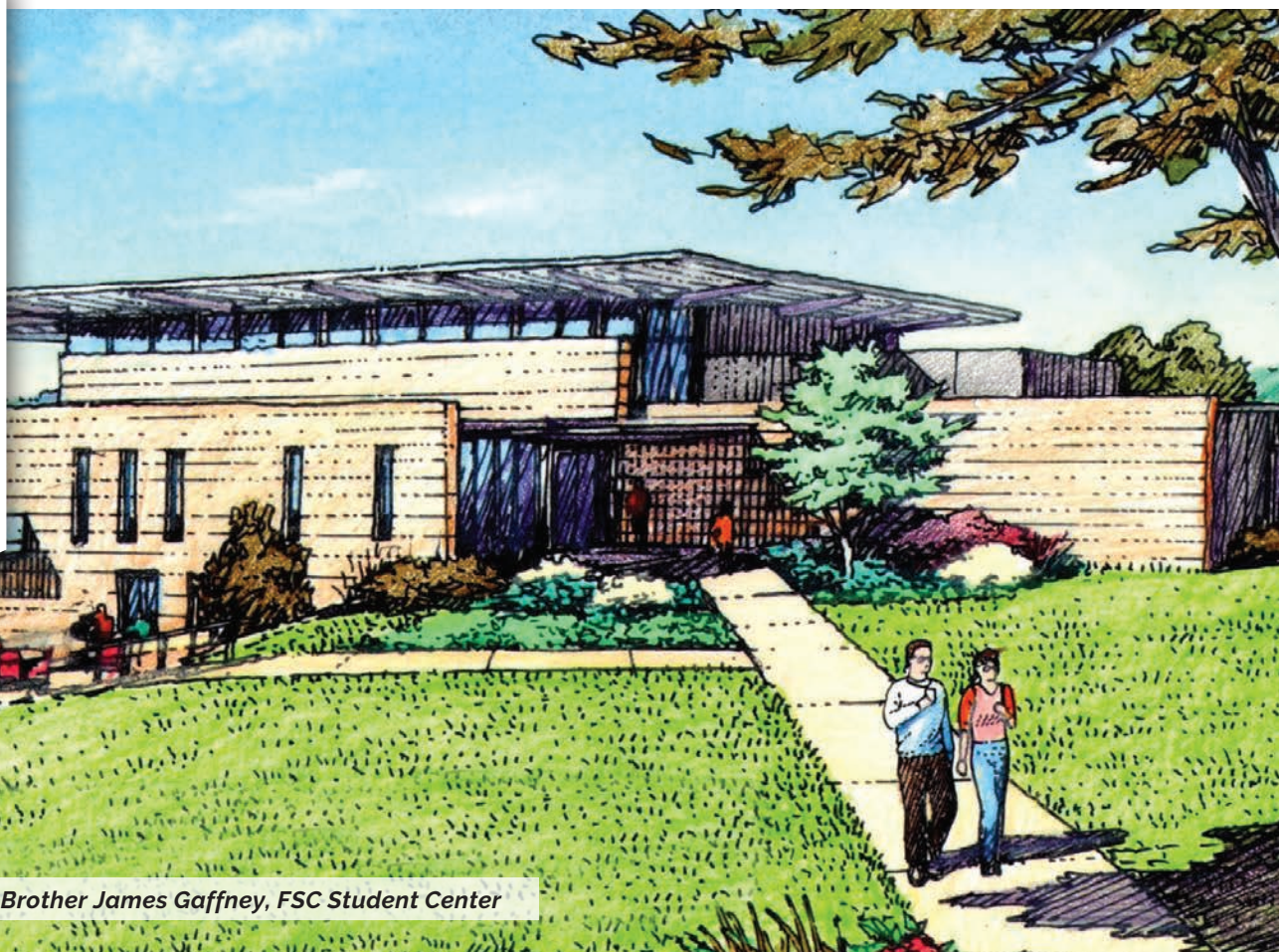
# THE MAGAZINE OF lewis university

FALL 2016

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Conceptual Design of the Brother James Gaffney, FSC Student Center

“We are excited to be breaking ground next spring on the new Br. James Gaffney, FSC Student Center. The addition of this space will serve as a center-point of campus activity. When prospective students and their families visit our campus, we hope our new Student Center generates enthusiasm and energy while also providing good memories of student life to our future alumni,” says Joe Falese '78 '84, senior vice president of student services.

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### RESOURCES

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(815) 836-5250

**Alumni**  
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**Graduate Admission**  
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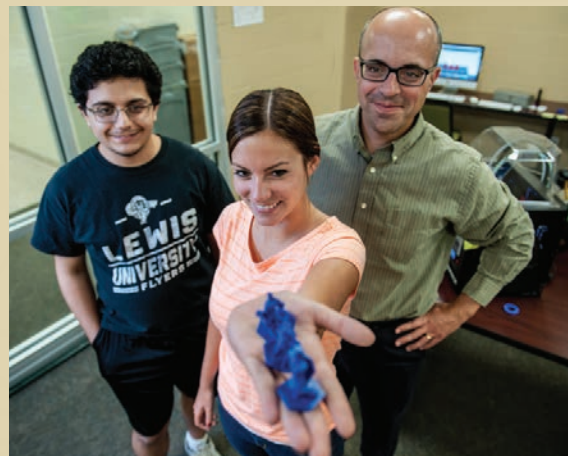
**Athletics**  
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**University Advancement**  
(815) 836-5244

**Philip Lynch Theatre Box Office**  
(815) 836-5500

Letters to the Editor and alumni news submissions are welcome. Send letters, news and address changes to: *The Magazine of Lewis University*, Unit 196, One University Parkway, Romeoville, IL 60446-2200 or e-mail [lamontra@lewisu.edu](mailto:lamontra@lewisu.edu).



Whether they are breaking down plant membranes to study DNA, looking at wavelengths in a spectroscopy lab, studying the mechanics of a plane, modeling inventions on a small-scale 3D printer, invoking the concept of user-centered design in marketing, learning varying methods of treatment for cardiovascular patients, or using science to compose music these students all have something in common. **Innovative teaching is helping Lewis University students learn to apply theory to real-world issues.** The excitement of learning and discovering new approaches to solving problems can be felt in the classrooms, hallways, labs, hangars, and cafés – anywhere students and faculty are gathering and sharing ideas.



## New Graduate Programs Prepare to Launch

Master's-level programs in Occupational Therapy (MSOT) and Social Work (MSW) are in the final phases of planning. Because both programs require a great deal of preparation in terms of curriculum design and field placement work, program directors are busy building relationships with external agencies to meet regulatory requirements.

The American Occupational Therapy Association says,

**MSOT** "Common occupational therapy interventions include helping children with disabilities to participate fully in school and social situations, helping people recovering from injury to regain skills, and providing support for older adults experiencing physical and cognitive changes." The development of this program is in keeping with Lewis' long tradition of meeting the ongoing needs of the healthcare professions.

The development of an advanced degree for social

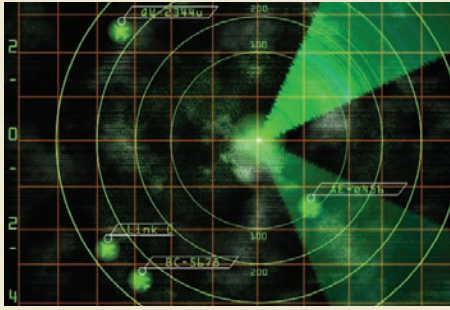
**MSW** workers is in keeping with Lewis' commitment to social justice. With increasing tensions over economic inequality, violence, mental illness, and race relations, the role of the social worker in society is extremely important. Employment projections are predicted to continue to increase.

Classes in the MSW should begin in fall 2017 and MSOT in fall 2018.

## Summer Facility Makeovers

Over the summer, the old science building annex was renovated, creating new labs for computer science and computer engineering students to engage in robotics research. Over the past two years, students have designed and built robotic hand-arm assemblies using our Maker Lab, animated them using servo motors, and controlled them by programming Arduino microcontrollers in C and Assembly language. They also used a variety of sensors to enable the hand-arm assemblies to respond to stimuli in their environment. With the expanded space, students can now diversify into other kinds of robotic systems that respond to a wider variety of stimuli and perform more complicated tasks.

Additionally over the summer, the Br. Neil Kieffe, FSC Aviation Hangar received a major upgrade to outfit the maintenance labs with Snap-on tools. The global innovator, manufacturer and marketer of tools, equipment, diagnostics, repair information and systems solutions installed six lab rooms located in the side shops of the hangar facility, equipped with two master flight line instructor tool kits and 24 intermediate student tool sets. These new tools allow students to use what is being used in the industry every day.



## National Headline News

More good news came for students this summer who are majoring in Air Traffic Control.

The passage of the Federal Aviation Administration Reauthorization Act of 2016 represents a big win for the 36 Collegiate Training Initiative program schools in the United States. The 2016 legislation returns the relevancy of CTI graduates in FAA hiring. Now, there will be a similar number of veterans and CTI graduates hired as there are from the general population.

In December 2013, the FAA changed its hiring practices for air traffic controllers. The 2013 changes no longer recognized graduates of CTI programs who passed the FAA's skills and aptitude exam. Since then the CTI schools have worked together and lobbied for bi-partisan legislation to recognize how the advanced preparation and skills of CTI graduates benefit the aviation industry and the safety of passengers. The FAA Reauthorization Act of 2016 does that.



## Regional and National Recognitions

Lewis received notification of a number of new and renewed rankings by several sources this fall.

*U.S. News & World Report* has ranked Lewis University among the top 25 in its rankings of Midwest Regional Universities. Lewis increased its ranking in the annual 2017 Best Colleges rankings, placing 24th among regional institutions in the Midwest.

Among the factors that resulted in Lewis moving up in the rankings was an increase in its overall score, the graduation rate and percentage of freshmen in the top 25 percent of their high school classes. Increases in retention rates and average ACT scores also pushed Lewis higher in the standings.

*U.S. News & World Report* ranks institutions with a full range of undergraduate majors and master's programs. The Best Colleges rankings provide a thorough examination of how nearly 1,800 accredited four-year schools compare on at least 11 widely accepted indicators of excellence. Among the many factors weighed in determining the rankings and key measures of quality are: peer assessment, graduation and retention rates, student selectivity, financial

resources, alumni giving and graduation rate performance.

*U.S. Veterans Magazine* named Lewis University a 2016 Best of the Best Top Veteran-Friendly School. The magazine polled hundreds of Fortune 1000 companies for the Best of the Best evaluations. The annual review is an evaluation of the nation's employers, initiatives, government agencies and educational institutions. These non-biased





## Music Connects Science and the Humanities

What happens when you combine computers with music? You get Electroacoustic Music. Dr. Mike McFerron, professor of music and composer, said that this type of music is a great bridge between the sciences and humanities. He said, “A lot of electroacoustic music will be the manipulation of natural sounds through the use of a computer language or using some type of application to create musical elements.”

For more than a decade, Dr. McFerron has been collaborating with physics and computer science professors to manipulate natural sounds with computers. He said, “Whether it is composing an original piece of music based on the Heisenberg’s uncertainty principle or using computer programming to create an infinite song, the art of music is being influenced by innovative science.”

This is a great example of how technology can be incorporated into compositional practice.

### ELECTRONIC MUSIC MIDWEST

Lewis University hosted the Electronic Music Midwest (EMM) on Oct. 13-15. This year’s feature artist, Sarah Plum, began her performing career by winning the first prize at the International Stulberg Competition in 1984. Since then, she has carved out a distinctive role as a serious interpreter of a large range of music, commissioning many new works as well as crafting fresh interpretations of the standard repertoire.

EMM is dedicated to programming of a wide variety of electroacoustic music and providing the highest quality performance of electronic media. This annual festival consists of approximately nine short concerts (about 1 hour in length) over the course of a weekend. EMM is the result of a consortium formed in 2002 between Kansas City Kansas Community College (KCKCC), Lewis University, and the University of Missouri at Kansas City. Officially formed in 2002, this festival was founded by Mike McFerron, Connie Mayfield, and Paul Rudy in 2000 when it was presented at KCKCC under the name “Kansas City Electronic Music Festival.” In 2001, the festival continued at Lewis University under the title, “Electronic Music at Lewis - 2001.”

Since its beginning, EMM has programmed over 500 new electroacoustic compositions. Composers have traveled from around the world to graciously share their music with audiences in the Midwest. EMM creates an environment conducive to building community interaction. Most concerts are approximately one hour long, and composers have plenty of time to “talk shop” with each other as well as interact socially with students and audience members.

studies are valuable resources for job-seekers, business owners, students, consumers, senior management, business associations, employment agencies and consumer groups.

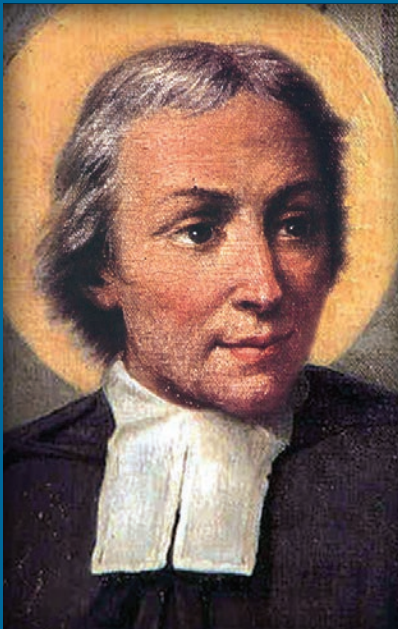
Lewis University has been nationally recognized by Colleges of Distinction for the seventh consecutive year as a 2016-2017 College of Distinction. Lewis also has earned recognition as an Illinois College of Distinction and a Catholic College of Distinction.

These honors are presented to colleges and universities that are identified by education professionals nationwide as providing a strong focus on teaching undergraduates, a variety of innovative learning opportunities, an active campus with opportunities for personal development, excellence in academics and outstanding student preparation. Lewis University was selected for providing an innovative, teacher-centered undergraduate education with a strong record of preparing its graduates for real-world success.

# LV

## LASALLIAN VOLUNTEER SCHOLARS

*By Monique Cruz '14  
LV Scholar  
Office of Mission and Identity*



### *an introduction*

Lasallian Volunteer (LV) Scholars are individuals who have served at least two years in the Lasallian Volunteers Program and who go on to pursue graduate degrees at one of the six Lasallian colleges or universities in the United States. The mission of the Lasallian Volunteers program is to serve the poor, especially through education.





*Lewis University is currently hosting four LV scholars. Pictured here (l to r): Sonya Lee, Shanae Farrell, David Anderson, and Monique Cruz. Also shown are photos when these scholars were Lasallian Volunteers, before they were enrolled in graduate school here at Lewis.*

**Each volunteer within the program seeks to fulfill the values of faith, service and community. LVs serve across the country in high-need neighborhoods and schools, build community by living with other volunteers and De La Salle Christian Brothers, and are open to sharing their faith, as well as the Lasallian tradition.**

Along with the great experiences each Lasallian Volunteer receives during their service journey, there is also an opportunity at the end of their two years of service to apply for the LV Scholars Program and further their education within the Lasallian tradition. Recruitment coordinator for the Lasallian Volunteers Program, Katie Christensen, guides potential scholars through the application process and offers support in discerning which graduate program most closely fits their goals. Potential scholars must first be accepted into the graduate program of choice at a Lasallian University and then second, be

accepted as an LV Scholar. Once accepted as an LV Scholar, Katie then works with the LV Scholars to seek creative ways to invite and engage prospective volunteers to learn more about the program. The LV Scholars work alongside Katie to help promote the Lasallian Volunteers Program at their respective campuses.

Lewis University is proud to host four LV Scholars, each of whom is profiled in this article. Lewis' efforts concerning LV Scholars are coordinated by Dr. Kurt Schackmuth, vice president for mission and Brother Leo Jones, FSC, Lasallian liaison in the Office of Mission and Identity.

According to Schackmuth, the University's Lasallian Volunteer Tuition Remission Program allows these students to "earn an advanced degree at Lewis and, at the same time, gain valuable experience working on campus." He shares his belief that this is a "very worthy program in that it allows these students to earn an advanced degree as well as professional experience. Just as valuable, however, is the Lasallian spirit that these young people bring to the campus community and the inspiration and encouragement they provide to the students."

Serving as an LV Scholar is, overall, a great opportunity and accomplishment for these inspiring young adults. They are present at their universities to not only earn their degrees, but to promote the volunteer program that they fell in love with and share their stories and experiences that has set a true foundation for their future life journeys.

## LASALLIAN VOLUNTEER SCHOLARS AT LEWIS



### SONYA LEE

Sonya Lee is originally from Denver, Colo. and pursued her undergraduate degree at Saint Mary's College of California. She served as a volunteer from 2008-2010 at Highbridge Community Life Center and lived in the Bedford Park Community located in Bronx, New York.

Currently, Sonya is a second year LV Scholar earning her M.A. in Organizational Leadership and working as a graduate assistant in the Office of Career Services. In the future, she wishes to be involved in organizations that will help her impact communities and "develop and coach diversity talent to pursue careers that will lead them to success and opportunities." Sonya advises current LVs to "learn as much as you can from the LV experience. More importantly, network with the community of people you work with. The connections you make now have the possibility of lasting a lifetime."



### SHANAE FARRELL

Shanae is from Memphis, Tenn. and pursued her undergraduate studies at Christian Brothers University. She served as a volunteer from 2012-2014 in Racine, Wis. as a middle school tutor at John XXII Educational Center. Currently, Shanae is a second year LV Scholar earning her M.A. in School Counseling and working as a graduate assistant in the Leckrone Academic Resource Center (LARC). She is planning to follow her passion for counseling and return back to Racine as a middle school counselor. Shanae shares that "more than anything, I want to continue the Lasallian mission and stay involved with the Lasallian Volunteers and Christian Brothers."



### DAVID ANDERSON

David is originally from Maywood, Ill. and pursued his undergraduate studies at Lewis University. He served as a volunteer from 2014-2016 at La Salle School in Albany, New York. David is a first year LV Scholar working on an MBA with a concentration in social media marketing. As a graduate assistant, he is working in the Sports Information Department. In terms of his future, David is planning to continue working in athletics at a high school or college level. Looking back at his LV experience, David shares that he "had an amazing experience as an LV" and advises others "to do your best to have fun. Everyone who joins the program does so to help out others and that's just what you have to keep in mind in order to stay focused on doing a good job."



### MONIQUE CRUZ

Monique is from Chicago, Ill. and pursued her undergraduate studies at Lewis University. She served as a volunteer from 2014-2016 in Minneapolis, Minn. at Cristo Rey Jesuit High School. Currently, Monique is a first year LV Scholar studying to receive her M.Ed. in Secondary Education and working as a graduate assistant in the Office of Mission and Identity. Looking to the future, Monique is planning to be a high school English teacher and wishes to stay in Catholic education. She is also considering returning to Minnesota. Reflecting on her LV service, Monique invites others to join the volunteer experience and shares that "no matter where you are placed, you will challenge and discover yourself in ways that you may have never seen possible."





## Dr. David Livingston Addresses Faculty and Staff at Fall Convocation

On Aug. 23, Dr. David Livingston, 10th president of Lewis University, gave faculty and staff some insights into his background, as well as the state-of-the-university address.

Dr. Livingston grew up in Dundee, Ill., the middle child of three. He attended Augustana College where he completed a bachelor's degree in chemistry. He went on to marry his wife Joan, complete a master's and Ph.D. in theology, raise two children and taught at two high schools and three universities.

In his initial months on campus, he has conducted numerous listening sessions with faculty and staff. He said, "As I begin my role as president of Lewis University, I believe it is important that I be attentive, that I listen to and respect the wisdom of the University community." He proceeded to share several common themes that emerged from his conversations.

Additionally, he updated faculty and staff on the state-of-the-university, particularly with regard to the challenges higher education is facing today. Topics of discussion focused on affordability, delivery of courses, reach and position in the marketplace, demographic changes relative to who is seeking higher education, quality and efficiencies.

Following his remarks, faculty and staff worked in groups to share ideas and make suggestions on what Lewis is doing well and in areas where improvements can be made.



## Provost Dr. Stephany Schlachter Engages the Nation in Conversation on Mission

Dr. Stephany Schlachter, provost, engaged the nation in a dialogue on Mission this year.

In October, she was a keynote speaker with Dr. Marilyn McEntyre, professor of medical humanities at the UC Berkeley-UCSF Joint Medical Program, at the Lilly Fellows Program in Humanities and the Arts' Seventeenth Annual Workshop for Senior Administrators. With a theme of "Uniting Liberal and Professional Learning through Christian Mission," the workshop explored how the Christian idea of vocation connects the relationship between liberal learning and professional study.

Dr. Schlachter has been a board member of the Lilly Fellows Program in Humanities and the Arts since 2014.

In January, Dr. Schlachter provided the keynote address "Bringing Ethics into the University: Race, Gender, Accountability, and Athletics" at the inaugural 2016 ACCU Chief Academic Officers Conference. Dr. Schlachter, who is on the conference planning committee, made the presentation with Father James F. Keenan, SJ, canisius professor of theology at Boston College.

As a member of the Council of Independent Colleges' Chief Academic Officers Task Force for the last three years, Dr. Schlachter also assisted in the planning of the 2016 Institute for Chief Academic Officers.



## DISCOVER Stories Project Launches with *Game of Thrones* and *Lord of the Rings*

Dr. Douglas V. Henry, associate professor of philosophy at Baylor University, explored vocation in the context of three narratives: Ken Follett's *Pillars of the Earth*, George R.R. Martin's *Game of Thrones* and J.R.R. Tolkien's *Lord of the Rings* to launch the DISCOVER Stories Project, Sept. 29.

Henry explained how these stories of presumption, despair and hope can help people tell their own stories better, frame them more hopefully, and fill them with greater sensitivity to their calling.

The culture, life experience and expectation of millennials are filled with presumption and despair, yet lack hope, Henry suggested. He proposed using Christianity as a provider of hope. He said, "A Christian presumption is a certain expectation of hope. We know God's promises for our future are not empty."

Lewis University's DISCOVER Stories Project is designed to support the professional development of faculty interested in helping students explore their vocation and calling through the pedagogical use of narrative and storytelling. The Stories Project is a component of Lewis University's DISCOVER Initiative, which was created in 2011 to facilitate the exploration of vocation and calling in the undergraduate experience. The project is sponsored, in part, by the Network for Vocation in Undergraduate Education (NetVUE), which is supported by the Council of Independent Colleges (CIC) and the Lilly Endowment, Inc.



## Boeing Executive and Other Aviation Professionals Provide Career Advice at CABAA

Networking, preparedness, lifelong learning and humility will launch a career in aviation, said Steve Novy, chief pilot of Executive Flight Operations at The Boeing Company. He joined more than 30 other aviation professionals in offering career advice to aviation students during the Chicago Area Business Aviation Association (CABAA) annual networking event at Lewis University.

The aviation professionals offered their experiences and established mentoring relationships with the students. Students' perceptions of aviation career opportunities only escalated after the uplifting experiences professionals shared.

"Aviation is a small world. Look around the room; you can't walk out of here without making a connection that will help you," said Novy.

The job market looks very positive for aviation graduates. The Boeing executive also pointed out the "2016 Boeing Pilot and Technician Outlook," which estimates within the next 20 years that the aviation industry will need to hire more than 2 million new aviation personnel—617,000 commercial airline pilots, 679,000 maintenance technicians and 814,000 cabin crew. CABAA consists of business aviation professionals dedicated to increasing educational and professional development in the field as well as providing networking opportunities. CABAA also offers scholarships to promote educational development for business aviation careers.

In August, two Lewis University alumni, who earned bachelor degrees in aviation studies in May, received scholarships from CABAA and FlightSafety, the world's leading aviation training company. Elaina Johnson received the funds for advanced training that enhances her career in the aviation maintenance field. Kevin Oliver received the scholarship for advanced training that enhances his progress toward a career in business aviation.



## ACCA Series Kickoff at Lewis University

Lewis' Department of Chemistry hosted the first lecture in a series for the ACCA chemistry division on Thursday, Sept. 15 in St. Charles Borromeo Convocation Hall. The theme of this fall series of presentations focuses on "Chemistry entrepreneurs: Mixing business with science."

Dr. Jason Keleher, chair of the ACCA chemistry division, welcomed the keynote speaker, Dr. Andreas Roelofs, who presented "How to get from great science to useful technology – 10x is the key." Dr. Roelofs is the director of Argonne National Laboratory's technology incubator Chain Reaction Innovations (CRI) and the NanoDesign Works (NDW) Center. He is the former acting director of both the Nanoscience and Technology Division and the Center for Nanoscale Materials (CNM). More than 100 students, faculty and staff gathered to hear the lecture.

This seminar was run jointly with other ACCA institutions as a seminar/webinar hybrid. As such, members from Elmhurst, North Park, Benedictine, Dominican, and North Central volunteered their time to help coordinate this event and host a speaker. This year's fall series features 6 different speakers that will give presentations at those ACCA institutions. The presentations will be broadcast live through zoom meeting as a webinar, and also recorded so that they may be viewed at later dates.



## Four Lewis University Research Teams Present at National Electrochemical Society Meeting

Four student research teams of Lewis University chemistry students presented research at the 229th Meeting of The Electrochemical Society in San Diego, Calif. The gathering attracts thousands of scientific leaders from around the world.

The ECS Meeting in San Diego was a forum for sharing the latest scientific and technical developments in electrochemistry and solid state science and technology. It included technical presentations, full-day short courses, professional development workshops, career opportunities, poster sessions and a dynamic technical exhibit. Over 2,000 international scientists and engineers from industry, government, and academic institutions attended.

All the Lewis University teams were mentored by Dr. Jason J. Keleher, associate professor and chair of Chemistry.

Keleher gave an oral presentation on the collaborative work with Pall Corporation in the CMP Fundamentals Session. The presentation "Probing the Role of Slurry Chemistry on Nanoparticle-Media Adsorption Relevant to Cu CMP Filtration Applications," was composed of the work done by Lewis University students Richard A. Wiencek and Amy Mlynarski, along with P. Connor and P. Levy of Pall Corporation.

Four Lewis University posters were exhibited during the general session. Wiencek presented "Nanoparticle-Polymer Surface Adsorption Relevant to CMP Applications" and Jacob Murray presented the poster "Synthesis of Photocatalytic Nanocomposite Biomaterials for Enhanced Water Filtration Application." Mlynarski presented the poster "Probing the Role of Organic Additives on the Film Formation Mechanism Relevant to Metal CMP," which included work done by Lisa Janes. Samantha Brain presented "Synthesis and Characterization of Functionalized CdS-QD Polymeric Nanocomposite Films to Mitigate Laser Attacks on Commercial Aircrafts" composed of work from Michelle Zaleski, James Hofmann, David Santefort with collaborations from Dr. Joseph Kozminski and Dr. Chuck Crowder, both from Lewis University's Physics Department.



## History of Illinois Students Expand Classroom at Isle a la Cache

Placed-based learning was in action for Lewis University students as they visited Isle a la Cache preserve and museum in Romeoville. The site highlights the chain of cultural links and economic ties between Native Americans and French traders from the 1600s to the 1800s.

“The students read about it in books, but it really comes to life when you are standing on a low island of the Des Plaines River. We can really connect this great nearby history to national and international themes,” said Dr. Dennis Cremin, professor of history.

The culture of the Potawatomie Nation centered on hunting. The French voyageurs bought the pelts and stored them in caches on the island; when enough of them were gathered they would be tied into bales and sent by canoe to Montreal or southward to New Orleans. Their French-language heritage became one of the first elements of the multilingual diversity of today’s Will County. The preserve includes reconstruction of the longhouses once used by the trade participants.

Students in the History of Illinois course visit a number of local history sites as part of their course.

“We have a wealth of excellent local or regional museums or sites that are within five miles or less of Lewis University. We also visit the Gaylord Building and Lincoln Landing in Lockport, the Joliet Iron Works Site, the Joliet Area Historical Museum, and even the Wadsworth Art Gallery at Lewis University,” added Cremin.

## Improved Cellular Service at Lewis

The signal for Verizon Wireless users will be stronger this fall on the Lewis University main campus in Romeoville. The improved 4G LTE high speed data voice and data cellular reception is the result of a two-year long project to build a cellular antenna system, located by the Lewis University communications tower outside De La Salle Hall. “This state-of-the-art system will provide the much needed campus wide overlay for cellular communications to our students, faculty, staff, and visitors,” said John Carey, director of the Andrew Center for Broadcasting and coordinator of the project.



## Seminars, Workshops and Camps a Major Draw Over the Summer

Nearly 600 participants came to Lewis University over the summer months to participate in camps, seminars and workshops.

Camps for middle school and high school students over the summer attracted nearly 200 students on topics ranging from aviation to computer programming and cyber security, girls and technology, math and design to leadership development. Several of the camps received partial or full funding from external sponsors.

The College of Education offered more than 20 half day workshops for educators to obtain continuing professional development hours. Technology proved to be a popular focus of the largest workshops with about 250 participants.

Additionally, the school nurse program ran three workshops for RNs in Oak Brook and Springfield which surpassed capacity.





## S.U.R.E. Undergraduate Research Program Fills Summer Months

Wound management applications, student success in math, ion removal, molecular cloning, cyber security training, computer coding and precision beam timing were among the topics of research this summer at Lewis University.

Students presented their work, including lab experiments and results, at the seventh annual concluding symposium for the Science Technology Engineering and Mathematics (STEM) Undergraduate Research Experience (S.U.R.E.)

The S.U.R.E. program is a collaborative experience for students from multiple STEM disciplines to engage in undergraduate research, as mentored by Lewis faculty. This 10-week summer program brings students from biology, chemistry, physics, math and computer science together weekly to discuss topics, such as research ethics, data analysis methods, resume building and interviewing skills. They also discuss specific discipline-related research.

“This intensive summer program serves as a foundation for more progress and presentations throughout the year,” said Dr. Sarah Powers, assistant professor of biology and program director. The program provides the student researchers with a stipend and offers an experiential learning environment that accelerates their research careers. Many results end up being presented at conferences and in publications. The program concludes with a research symposium to present to the community about their accomplishments over the summer.

Support for the S.U.R.E. program is provided by the Aileen S. Andrew Foundation.

## Student Research

**Katherine Wortman-Otto** presented “Synthesis of Biomimetic Hydrogels for Wound Management Applications.” Dr. William Chura, associate professor of biology, served as her faculty mentor.

**Matthew Knight** presented “Determining Student Success and Persistence in Mathematics Courses.” His faculty mentor was Dr. Amanda Harsy, assistant professor of computer and mathematical sciences.

**Maria Salinas** presented “Metal Ion Removal Utilizing Biomimetic Nanocomposites.” Dr. Jason Keleher, chair and associate professor of chemistry, served as her faculty mentor.

**Michelle Fernandez** presented “Analysis of Normal versus Mutated Cyclin D3 Protein Structure Using Molecular Cloning and Site-Directed Mutagenesis.” Dr. Sarah Powers, assistant professor of biology, served as her faculty mentor.

**Randle Ross** presented “Building a Scalable Cyber Defense Competition Platform for Classroom and Extracurricular Cyber Security Training.” Dr. Ray Klump, chair and professor of computer and mathematical sciences, served as his faculty mentor.

**Ian Scholl** presented “Studying Evolution through Replication Errors in Computer Code.” Dr. Mallory Havens, assistant professor of biology, served as his faculty mentor.

**Jackson Waters** presented “Precision Beam Timing Monitor.” Dr. Ryan Hooper, associate professor of physics, served as his faculty mentor.

## Davila Presents at Summer Conferences

Dr. Erica R. Davila (College of Education) presented a current research project on women of color in academia at the Critical Race Studies in Education Association (CRSEA) in Denver, Colo. in June and at the Latina/o Studies Association (LSA) conference in Pasadena, Calif. in July. The book chapter she presented, "Afro-Puerto Rican Scholars: Consciousness, Solidarity and Healing" will be published in an Anthology entitled *Dismantling the Master's House: Black Women Faculty Challenging White Privilege/Supremacy in the College Classroom* to be published in 2017.

## English Professor Authors Essay on Television Series

Dr. Jamil Mustafa (English Studies) has published "You can't spell subtext without S-E-X': Supernatural, Gothic Intertextuality, and the (Queer) Uncanny," in *The Gothic Tradition in Supernatural: Essays on the Television Series* (McFarland, 2016). His chapter examines how *Supernatural* continues and complicates the Gothic narrative tradition by drawing on multiple texts and employing the Freudian uncanny.

## Colleagues Present on Respecting the Human Body in Criminal Investigations

Dr. Lynn Tovar (Justice, Law and Public Safety Studies) and Dr. Cynthia Misischia (Biology) presented at the 39th Midwestern Criminal Justice Association conference in Chicago on Sept. 23. Their presentation "Respecting the Human Body in Criminal Investigations" addressed the importance of teaching students that individuals have an inherent and immeasurable worth and dignity; each human life is considered sacred. Therefore, even in death it is crucial to teach preserving dignity of the human body.

## Dr. Sisk Celebrates Anniversary as Director of MYSO

Dr. Larry Sisk (Music) is celebrating 25 years as Music Director of the Metropolitan Youth Symphony Orchestra (MYSO), which is in residence at Lewis University. During those years he has conducted more than 150 orchestra concerts at Lewis, Joliet Junior College (JJC), and the Billie Limacher Bicentennial Park in Joliet. Players in the orchestra include students from Lewis and JJC, as well as high school students from the area. Alumni of the orchestra have gone on to study at Juilliard, Eastman, Northwestern, University of Illinois, Indiana University and many other schools of music around the country.

## Dr. Martinez Represents Lewis at Vehicular Technology Conference

Dr. Gina Martinez (Computer and Mathematical Sciences) recently published and presented a paper "Maximum Lifetime SMDP Routing for Energy-harvesting Wireless Sensor Networks" at the IEEE Vehicular Technology Conference (VTC) Conference in Montreal held on Sept. 18-21. The paper presents a routing algorithm that optimizes sensor lifetime by formulating the wireless sensor network routing problem into a semi-markov decision process.

## Associate Dean Visits China to Discuss Healthcare Systems

Responding to an invitation, Dr. Suling Li (College of Nursing and Health Professions) presented at JiNing University in Shandong province in China on U.S. Healthcare Systems in June. She also dialogued with the University president, vice president, faculty and students. Her visit with the University will facilitate future exchanges in nursing and research between Lewis University and JiNing University.

## Bergman Offers Insights on Consumer Behavior at National Conference

Robert Bergman (Marketing) was invited to speak in Washington, D.C. this past May on the topic of "Laziness, Narcissism and other politically incorrect considerations in formulating Marketing strategy." Bergman delivered critical insights on frequently ignored aspects of human and consumer behavior that can improve the success of marketing and social media marketing strategies. His lecture was presented at CRM Evolution 2016 - the largest conference on Customer Relationship Management in the world.

## Nursing Faculty Member Presents Work on Caring Learning Environments

Dr. Linda Ryan (College of Nursing and Health Professions) gave a presentation entitled "Co-Creating Caritas Learning Communities" at the International Association for Human Caring and The Society of Rogerian Scholars Conference on June 8 in Boston, Mass. According to Dr. Jean Watson, nursing theorist, "caritas" means "to cherish, to give loving attention to." In caritas learning communities, caring for one another is paramount. Research shows that caring environments support positive student outcomes. This presentation gave a synthesis of current literature on how to create caring learning environments with students for both face-to-face and online formats.

## Dr. Edwards Attends Lasallian Social Justice Institute Focused on Human Trafficking

Dr. Touwanna Edwards (Psychology) represented Lewis University this July at the Lasallian Social Justice Institute (LSJI). With the theme "Human Trafficking in our Communities," LSJI brought 23 Lasallians to Minneapolis, Minn., to examine the causes and effects the commercial sex industry and labor trafficking.



### **Hoffman and Abunya Present Papers at the International Congress of Qualitative Inquiry**

Dr. Lauren Hoffman (Educational Leadership) and Brother Moses Abunya, FSC, a student in the Educational Leadership doctoral program, presented papers at the International Congress of Qualitative Inquiry in May at the University of Illinois. Dr. Hoffman presented on “Exploring the Complexity of Critical Activist Leadership and Fear through Leadership Assemblages” and Brother Moses presented on “Indigenous Studies and Inquiry.”

### **Nursing Faculty Member and Colleagues Present Research**

Dr. Daisy Sherry (College of Nursing and Health Professions) served as co-investigator and second author as part of a team at Elmhurst Hospital to evaluate the effects of recent changes in clinical practice. Sherry and her colleagues presented “Does the time of transitioning a patient off IV Insulin after cardiac surgery affect outcomes?” at the National Teaching Institute of American Association of Critical Care Nurses annual conference, which took place in New Orleans this past spring. Their research is also published in a recent edition of the *Journal of Nursing Care Quality*.

### **Dr. Dominic Colonna Contributes to Summer Formation Programs**

For the second year, Dr. Dominic Colonna (Theology) served as a presenter at the International Lasallian University Leadership Program in Rome this past summer. He also served as a presenter and discussion facilitator as part the Mission Officer Institute, sponsored by the Association of Catholic Colleges and Universities (ACCU) and held on the Lewis University campus in August.

### **Education Professor and Student Present at Philosophy of Education Annual Meeting**

Dr. Kip Kline and Michael Bulfin (Educational Leadership) presented at The Ohio Valley Philosophy of Education Society’s annual meeting Sept. 22 in Dayton, Ohio. Michael Bulfin, doctoral student in the College of Education and Lewis University Writing Center coordinator, presented the paper, “Rethinking the Modern Western History Course: Neoliberalism, New Media, and Intensified Asymmetrical Warfare.” The paper argued for a rethinking of the pedagogy of war in higher education in our contemporary historical moment in which conflicts play out virtually. Dr. Kip Kline, professor of educational leadership, participated in an author meets critics session for his book, *Baudrillard, Youth, and American Film*. The book uses Jean Baudrillard’s media theory to analyze the troubling effects of the portrayal of youth in American teen films.

### **Brother Joseph Martin, FSC, Published in Genealogical Journal**

Brother Joseph Martin, FSC (President’s Office) published an article in the summer 2016 issue of *Rodziny*, the Journal of the Polish Genealogical Society of America. “Apolonia Lewicka and the Priest” examines family stories about her and her immigration to the U.S. By conducting interviews and by researching immigration records, church records in the Poznan province of Poland, U.S. census records, newspaper articles, and online resources, Brother Joseph obtained factual information to substantiate different parts of the stories. He demonstrated that a priest cousin helped to pay the ocean passage for Apolonia and her brother Walenty in January 1892 aboard the S.S. Slavonia, and it was Walenty Lewicki’s daughter who explained why he changed his name to William Smith.

### **Slowik Returns to Illinois High School Theatre Festival**

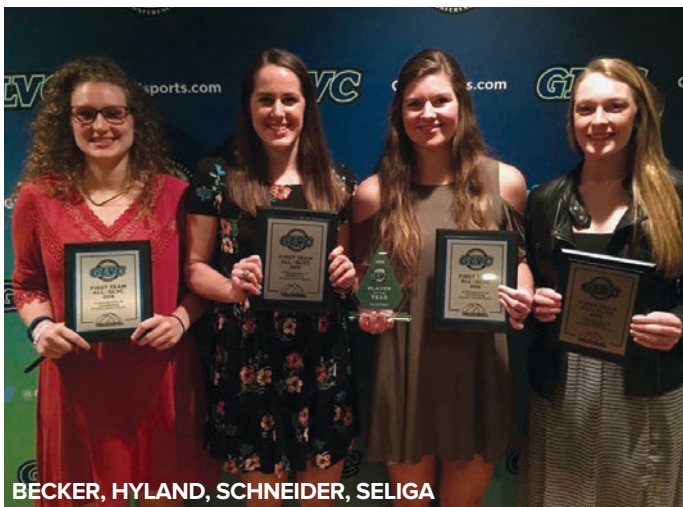
Jo Slowik, Philip Lynch Theatre manager, was invited to present at the 2016 Illinois High School Theatre Festival this summer. Her performance-based acting workshop “Don’t Act! Act Truthfully!” was voted in the Top 10 by the high school students in attendance at the 2016 festival.

### **McFerron Music Featured**

The work of Dr. Mike McFerron, professor of music, will be featured in several performances. “Winter Solstice” was selected for performance this fall by the Ensemble for These Times (E4TT) in Berkeley, Calif. The work is for cello and piano. More information can be found on <http://www.e4tt.org>. A Danish radio show is featuring the creative work of McFerron as well. Electronic Frequencies’ “The Game Changers #6: Mike McFerron,” hosted by Roland Kuit, will feature several of McFerron’s electroacoustic compositions including “6 Short Studies,” “An Interrupted Memory,” “Canotila,” “If You Walked a Mile,” and “Torrid Mix.” Visit [www.concertzender.nl/programma/electronic\\_frequencies\\_350089/?date=2016-08-24](http://www.concertzender.nl/programma/electronic_frequencies_350089/?date=2016-08-24) or via the concertzender mobile app to listen.

### **Cremin and Keleher Attend Lasallian Summer Seminar**

Dr. Dennis H. Cremin, professor of history and director of the Lewis University History Center, and Dr. Jason Keleher, associate professor and chair of chemistry, attended the Lasallian Summer Seminar for Professors, July 27-29. The theme of this year’s Lasallian Summer Seminar for Professors was: “The Challenges of Lasallian Higher Education in the 21st Century.” Other Lasallian Institutions included Bethlehem University, Christian Brothers University, La Salle University and Saint Mary’s University of Minnesota, the host University. Scholarly papers resulting from the seminar may be published in *AXIS: Journal of Lasallian Higher Education*.



BECKER, HYLAND, SCHNEIDER, SELIGA

## LEWIS' ALY SCHNEIDER NAMED GLVC VOLLEYBALL PLAYER OF THE YEAR

The Great Lakes Valley Conference announced on Nov. 17, that Lewis University's Aly Schneider has been selected as the GLVC Volleyball Player of the Year and Lorelee Smith was named the GLVC Coach of the Year as voted on by the conference coaches.

Entering the GLVC Tournament, Schneider topped the Flyers and the GLVC in hitting percentage (.376) and was fourth in the conference in kills-per-game (3.24). The junior middle hitter won the Baden / GLVC Offensive Player of the Week award four times and was selected as the AVCA National Player of the Week (Sept. 6). She is the first Flyer to win the award since Kim Vertin was feted in 2013 and fifth overall.

Joining Schneider on the All-GLVC First Team is redshirt sophomore setter Abby Becker, sophomore outside hitter Elizabeth Hyland and redshirt junior right side Maddie Seliga. Those four account for 28.5% of the 14 All-GLVC First Team selections.

Becker, who was the lone unanimous First Team selection, has dished out 1,193 assists (10.85 apg.) for the Flyers entering the GLVC Tournament. She was third on the squad in digs with 234 (2.13 dpg.) and was a key factor in helping the Flyers hit .262 as a team in 2016.

Hyland owned a team-best 338 kills in 108 sets entering the tournament racked up double-digit kills in 18 out of 30 matches. She was a two-time Baden / GLVC Offensive Player of the Week selection and also captured GLVC Defensive Player of the Week accolades for the period ending Oct. 9.

Seliga was third on the squad in both kills (255) and kills-per-game (3.04) and led the Flyers in aces-per-game with 0.36, heading into Conference Tournament action.

Smith did not leave empty-handed as she earned her third GLVC Coach of the Year Award, after winning in both 2010 and 2011. She guided the No. 15 Flyers to a mark of 24-6 overall including a near-perfect mark of 17-1 in conference action entering the GLVC Tournament.



ANDREJSZKI, MINDIYAROVA

## WOMEN'S TENNIS DUO FINISHES THIRD AT ITA ORACLE CUP

Lewis University's junior duo of Dora Andrejszki and Nora Mindiyarova finished third overall for the second-straight season in the doubles tournament of the ITA Women's Tennis Oracle Cup at the Surprise Tennis & Racquet Complex on Friday, Oct. 14.

Andrejszki and Mindiyarova earned the 6-2, 6-0 win over Northeastern State's Valeriia Efimenko and Molly Worden.

## ATHLETICS EARNS NCAA PRESIDENTS' AWARD FOR ACADEMIC EXCELLENCE

The National Collegiate Athletics Association (NCAA) announced on Nov. 17, that Lewis University is one of 26 Division II Athletics Departments in the country to receive the Presidents' Award For Academic Excellence for achieving a four-year Academic Success Rate of 90 percent or higher.

Lewis checked in with a 91% Academic Success Rate, as well as a 76% Graduation Rate, which is the highest combination in school history. The Flyers are one of three Great Lakes Valley Conference schools to receive this award, joining both Rockhurst and Indianapolis. Academic Success Rate is the percentage of student-athletes who graduate within six years of initial collegiate enrollment and includes virtually all Division II student-athletes, including transfers and those not receiving athletic scholarships.

"The (Presidents' Award) For Academic Excellence Award is a definitive recognition of Lewis University as an institution," Lewis director of athletics Dr. John Planek said. "Our student-athletes are committed to academic excellence and they are supported by dedicated faculty, academic support staff and a coaching staff that is truly engaged in the academic mission of Lewis."





# #FLIGHTON



**2017 INCOMING PLAYERS**

**Kyle Bugee**, 6-5, OH, Bay to Bay  
**Joe Crosby**, 6-10, MB, Pace Bootlegger  
**Jake Dixon**, 6-6, OH, Pittsburgh  
**Grant Holve**, 6-3, libero, Coast

**Zack Meyer**, 6-4, OH, Sports Performance  
**Tyler Mitchem**, 6-10, MB, Sports Performance  
**TJ Murray**, 6-9, MB, Sports Performance  
**Ryan Van Loo**, 6-3, S, SMBC

## MEN'S VOLLEYBALL RECRUITING CLASS RANKED NO. 2 IN NATION

Here's what *Volleyball Magazine* had to say about the No. 2 ranked 2017 recruiting class of the Lewis University men's volleyball team.

The skinny: Coach Dan Friend's recruiting class is large times two. Not only does the Flyers' Class of 2016 feature eight players, but it also has five players above 6-5 and three

above 6-9. Bugee, Dixon, Meyer and Mitchem are 2016 *VolleyballMag.com* Fab 50 selections.

"This is one of the best recruiting classes, top to bottom, that I've had since being at Lewis," Friend said. "There are several Fab 50 and All-Americans within the group. I look for this group to make a lasting impact on the program."

One other coach on the voting panel had this to say about the Flyers group: "Lewis has a big and very good recruiting class that will have an immediate impact."

The Flyers also kept the Illinois talent pipeline open, snagging Sports Performance club standouts Meyer, Mitchem and Murray.



## MEN'S CROSS COUNTRY FINISHES 17TH IN NCAA DII CHAMPIONSHIP

Led by an All-America performance from senior Michael Leet, the Lewis University men's cross country team placed 17th overall at the NCAA Division II Championships.

Leet finished 33rd overall with a 10K time of 31:09.9.

For the first time since 2001 the Lewis University men's cross country team made it to the NCAA Division II Championship. At the end of the day the Flyers finished the 10k 17th with a team score of 425 and an average time of 32:17.5.

"I'm very proud of Michael, he ran a smart race," Lewis head men's cross country coach James Kearney said. "He did an awesome job in his first national meet, and it's a positive step for him and the program."

MUELLER



## NICO MUELLER NAMED TO ALL-GLVC MEN'S SOCCER THIRD TEAM

The Great Lakes Valley Conference announced on Nov. 3, that Lewis University junior forward Nico Mueller has been selected to the All-GLVC Men's Soccer Third Team.

Mueller recorded a team-best seven goals - including two game-winning scores - in his rookie season for the Flyers. The Germany native scored three of those goals in a 3-1 victory over Truman State on Oct. 16.

"Nico really came into form in the second half of the season and is well deserving of the recognition," Lewis head men's soccer coach Evan Fiffles said.

The GLVC also announced that Lewis redshirt senior defender Isaac Sutton is a James R. Spalding Sportsmanship Award nominee.

FULLER



## LEWIS' FULLER NAMED TO ACADEMIC ALL-AMERICA WOMEN'S SOCCER THIRD TEAM

The College Sports Information Directors of America (CoSIDA) announced on November 21st that Lewis University junior midfielder Mackenzie Fuller has been named to the 2016 CoSIDA Academic All-America NCAA Division II Women's Soccer Third Team.

The Aurora, Ill., native is the first Lewis women's soccer player ever to earn the award and the 44th Flyer in school-history to be recognized as an Academic All-American.

Fuller, an economics major, registered a perfect 4.0 cumulative grade point average following the 2015-16 spring semester. The junior midfielder was second on the Flyers in goals (5), assists (6) and points (16) in 2016. She posted her first career hat trick in a 3-2 Great Lakes Valley Conference win over Maryville on Oct. 9.

"I'm really happy for Mac," Lewis head women's soccer coach Chris Koenig said. "She works extremely hard both on the field and in the classroom. "She is a great example of what a student-athlete should be," Koenig continued. "She represents Lewis University and our program in a first class manner and this award is the recognition of her efforts."

CHAVEZ



## JESSICA CHAVEZ SELECTED TO ALL-GLVC WOMEN'S SOCCER THIRD TEAM

The Great Lakes Valley Conference announced on Nov. 3, that Lewis University redshirt senior forward Jessica Chavez has been selected to the All-GLVC Women's Soccer Third Team.

Chavez led the Flyers in goals (7), assists (7) and points (21) in 2016 after missing the entire 2015 season with a knee injury. The West Aurora, Ill., native earned All-GLVC honors in each of her four seasons with the Flyers.

"I'm really happy for Jess because she put in so much work to come back from her knee injury," Lewis head women's soccer coach Chris Koenig said. "To come back from a year off and still be named all-conference, says a lot about her."

The GLVC also announced that Lewis senior defender Nicole Dominguez is a James R. Spalding Sportsmanship Award nominee for the second-straight season. Dominguez won the award in 2015.



## WOMEN'S CROSS COUNTRY FINISHES 3RD IN GLVC CHAMPIONSHIP

The Lewis University women's cross country team placed third overall at the Great Lakes Valley Conference championships with an average time of 22:35.81 and score of 87.

Senior Mollie Dalton was the top runner for the Flyers with a ninth-place time of 22:09.99. Sophomore Megan Shaffer was close, finishing the race in 22:15.62 and in twelfth place. Both Dalton and Shaffer's performances were enough to earn them All-GLVC honors.

Sophomore Abby Tripp finished 18th with a time of 22:34.71, while Abby Dodis was 20th (22:35.47). Ashley Lafayette rounded out the scoring for the Flyers with a 29th-place showing of 23:13.36.



## SOFTBALL EARNS EASTON / NFCA DIV. II ALL-ACADEMIC TEAM ACCOLADES

The National Fastpitch Coaches Association (NFCA) announced on Oct. 6 that the Lewis University softball team finished 16th overall in NCAA Division II with a 3.516 cumulative grade point average for the 2015-16 school year.

"I am very proud of our team and how hard they work in the classroom," Lewis head softball coach Becky Pearl said. "We always strive to improve upon ourselves both academically and athletically."

The Flyers also had 11 players selected as NFCA Scholar-Athletes. In order to win this award, a student-athlete must have at least a 3.5 cumulative grade point average for the 2015-16 school year.



COACH BECKY PEARL WITH DARA SANDERS

Those players include: Lauren Brennan, Frankie Castagna, Emily Espinosa, Nicole Kappelman, Jessica Lofthouse, Carley

Maupin, Alise Perna, Kaylee Prieto, Cori Reynolds, Brittany Russell and Dara Sanders.

# Gifts, Grants & Scholarships

## Success Program Receives \$45,000 AT&T Contribution

Lewis University students connected to a network that is building a better tomorrow on July 29 as AT&T presented \$45,000 to the Lewis University Success Program.

More than 50 Lewis University students are currently enrolled in the Success Program that provides first-year college students with a summer bridge opportunity, peer mentoring experiences, academic support services and scholarships.

“At AT&T we are empowering students everywhere to reach their highest potential. Through Aspire, AT&T passed the \$250 million mark on our plan to invest \$350 million in education from 2008-2017. We want to help build a better future for the students and help them succeed,” said Lewis alumnus Jeff Adducci '92, director of external affairs at AT&T.

The AT&T contribution will be used for textbook stipends, scholarships, an updating and redesign of the program curriculum, enhanced training for peer mentors, and new experiential learning opportunities for students.

Adducci was joined by two AT&T colleagues who are also



(L to R) Patricia Jones, Success coordinator, Melissa Jimenez, Success mentor, Dr. David Livingston, president of Lewis University, Chuck Stahulak, AT & T senior network process manager, Craig Mikalauski, AT&T senior market research analyst, said Jeff Adducci, AT&T director of external affairs, Ricky Salazar, Success student, Hannah Kruse, Success student, and Jordan Tolley, Success mentor.

Lewis University alumni: Craig Mikalauski '89 '91, senior market research analyst, and Chuck Stahulak '91, senior network process manager.

“It’s great to see three of our Lewis University alumni investing in the future at Lewis University through AT&T. Their gift will undoubtedly contribute to the betterment of society as we continue research that presents solutions to real world problems,” commented Dr. David Livingston, president of Lewis University.

The contribution is made through AT&T Aspire, the company’s signature philanthropic initiative designed to help equip students with the skills they need to lead the digital, global economy.

## Student Commons Named Honoring Don and Suellen Cordano

In 2014, Don '56 and Suellen Cordano made a generous gift to Lewis University towards the renovations at St. Charles Borromeo Center. In recognition of this significant gift, Lewis named the Student Commons in their honor in June 2016. Don and Suellen were married for more than 55 years and were partners in marriage, family life and business, and in their dedication to the Joliet area community and quality education. Don, who passed away in September 2015, graduated from Lewis with a bachelor’s degree in accountancy in 1956. After service in the Navy and earning a Master of Business Administration at DePaul University, Cordano returned as a professor of Accountancy in Lewis’ College of Business, where he taught for more than 30 years, influencing the lives of thousands of students and retiring from Lewis with professor *emeritus* status in 1997.



(Left to right) Brother James Gaffney, FSC, President Emeritus with Suellen Cordano, and her daughter, Marisue Grabavoy.

## New Monstrance Enhances Catholic Experience

Time is something that college students never seem to have enough of. They don't have enough time to study, sleep and contact family. Time for spiritual enrichment and simply spending with Jesus is a luxury. The monstrance, a vessel used to display the consecrated Eucharistic host, is often at the center of that quiet time with the Lord.

Thanks to the generosity of alumnus James Sefcik '69, the Lewis University community can spend some of their precious time with a monstrance that calls them to connect with the Lord. His gift of this monstrance provides an enhanced experience for students, faculty and staff when they practice Eucharistic adoration.

"The Eucharist is the source and summit of our Catholic faith," Sefcik said. "I wanted to gift this to the University so that Lewis receives blessings and protections from Him here. The more we can expand Eucharistic adoration, the more blessings will be sent down upon the University."

Adoration is often scheduled on a monthly basis and especially during the Lenten season. It provides students, faculty and staff opportunities to sit quietly in the presence of Jesus that is on



(L to R) Steve Zlatic, James Sefcik '69 and Father Dan Torson, CPPS



display in the monstrance.

"The monstrance will allow us to more fully contribute to the spiritual and holistic development of our students," said Luigi B. Amendola '01, interim vice president for University Advancement. "Jim has been a faithful and generous supporter of Lewis University for a number of years through both the establishment of an endowed scholarship as well as support for enhancements to our Chapel. This gift is symbolic of his passion for faith and religion to remain a central focus of life at Lewis."

For more information on supporting University Ministry, please contact University Advancement at (815) 836-5244.



## Illinois Arts Council Agency Grant

Illinois State Senator Pat McGuire (D-Joliet) met this summer the four high school students participating in the Illinois Arts Council Agency's Summer Youth Employment in the Arts program at the Lewis University Philip Lynch Theatre in Romeoville. This year's students are Natalia Bednarczyk of Burbank, Cienna Jones of Joliet, Lauren Laverdiere of Plainfield and Noah Smith of Joliet. It's the second year the PLT has received an IACA grant to employ high school students. The amount was increased this year to \$6,000 to subsidize the summer work of four students.

## Taking Stock: A Tax Savvy Way to Support Lewis

Did you know that gifts of appreciated stock that you have owned for a year or more can have an immediate impact on your favorite Lewis University scholarship or program and also create an immediate charitable income tax deduction for the full-market value of the gift? Moreover, you will also avoid tax on the capital gains that may have accumulated, so you actually receive a double tax benefit!

### Take the example of Mrs. Jones.

The stock she purchased in 2004 for \$200 is now worth \$1,000. If Mrs. Jones gives the stock instead of cash, Lewis receives a gift of \$1,000 – the fair market value of the stock – and she can claim a \$1,000 charitable deduction on her next income tax return. In a 33% bracket, that's a tax savings of \$330. Furthermore, she avoids \$120 in capital gains taxes that would be due whenever she sold the stock.

**The result: After figuring her tax savings, a generous gift of \$1,000 to the University costs Mrs. Jones only \$550.**

If you or your financial or tax advisors have any questions about using stocks, bonds or mutual funds to maximize the size of your charitable gift while also enjoying multiple tax benefits, please contact Robert Kanonik, JD, director of planned giving at (815) 836-5813 or [kanoniro@lewisu.edu](mailto:kanoniro@lewisu.edu).



Sheil Hall, built in 1931, is the oldest building on campus and remains a residence for freshman style community living.

## Sam Ciccio '36

"There was a priest... Father McCarthy, what an angel! He left me with a phraseology that I use once in a while: 'May you never know serious sorrow.' Isn't that profound?" said Sam Ciccio, Class of 1936 at Lewis.

During a time of sorrow, we remember Sam who recently passed away. Sam held the position of oldest living alumnus of Lewis, and University Advancement was privileged to interview him a couple of years ago at his home in River Forest.

"He was very excited that we had come to interview him, and he shared many great memories of Lewis in the 1930s," says Robert Kanonik, director of planned giving at Lewis University. "He told us about his love for Lewis and revealed that he avidly reads everything we send him. When he could still drive he attended several theatre events. He thoroughly enjoyed coming back to campus and seeing how we've grown."

Sam originally came to Lewis because his mother was concerned that he was starting to hang out with some undesirable folks in the neighborhood. While enrolled at Lewis, he participated in boxing, baseball and basketball. He was also the lead in a skit that the graduating class put on. He noted that it was "pretty heady stuff" to study Algebra, Geometry and Physics, because those areas of study were never even discussed back in his neighborhood. He was also able to spend time in the air, in addition to the time he spent working on planes.

"They selected 10 people to stay for a post-graduate course in aeronautics. Guess who was one of them? Isn't that something? I was flabbergasted," said Sam. Though he turned it down because he was anxious to get back home, in retrospect, he wishes he would have accepted the offer. "But I was young and impulsive," he said. So, instead,



Sam Ciccio held the position of oldest living alumnus of Lewis, and University Advancement was privileged to interview him a couple of years ago at his home in River Forest.

he had to find a job and quickly faced the reality of a bad job market. Due to the technical skills he learned at Lewis, however, he was able to work in a factory.

When World War II started, Sam and his cousin decided to enlist together. His cousin suffered from leukemia, however, so he kept getting rejected by every branch of the service. His cousin was finally accepted by the Coast Guard, so they both enlisted. Unfortunately, his cousin died of the disease shortly thereafter.

After the war Sam landed a job in the credit department at Marshall Field's. He quickly saw that salespeople made the most money, so he transitioned into a career in sales. He then became a real estate broker for Baird & Warner. After a successful nine-year stint at Baird, he decided to go out on his own. He was successful at buying and managing commercial and residential buildings. Sam also became pretty skilled at buying and repairing distressed properties. He went on to have five children, and his wife passed away a number of years ago.

"At the end, I just loved Lewis," said Sam.

And Lewis loved you, Sam. Rest in peace.



# ALUMNI EVENTS



## POLLYANNA BREWING COMPANY

Young Alumni gathered at Pollyanna Brewing Company in August for a special young alumni event. Sponsored by Paul Ciciora '91 and Pollyanna Brewing Company, alumni were able to sample different brews while meeting Dr. David Livingston. (Top) Pictured are Eva Gonzalez '15, Amebeobari Ollor '12 '14, Beata Jedynasty '15, and Tracy Bradley '12 '16. (Bottom) Christine Jones '06, Megan Wozniak '09 '14, Vanessa Aldape '11 and Dr. David Livingston.



## HAROLD E. WHITE LEGACY SOCIETY

Members of the Harold E. White Legacy Society gathered on campus in July for a special celebration in recognition of their generous legacy gifts to Lewis. (Top) Kenneth '74 & Linda Madrzak arrive for the afternoon event. (Center) Dr. David Livingston meets with guests including James LaGrippe '61, and Kathy Halloran '74, and her guest Richard Nevins. (Bottom) Dr. Livingston and his wife, Joan, converse with Guy Wiebking.

## ALUMNI SWIM MEET

Alumni gathered for the annual alumni swim meet at Lewis. Attendees included Shane Fergus, Brandon Drogemuller, Kevin Coates, Peter Holanda, Kate Hallenbeck, Cindy Jezuit, Derrick Carlson, John Sommer, Julio Rodriguez, Kristen Silvy, Ashley Kryger, Tyson Polack, Tommy Cornes, Elizabeth Harris, Brett Bush, and Aubrey Miller.



## CHICAGO CUBS

In August, alumni and friends gathered on the #1 rated rooftop in Chicago - Wrigley Rooftops at 3639 N. Sheffield - to watch the outstanding 2016 Chicago Cubs fight to hang onto first place in the standings (on their way to winning the 2016 World Series). Pictured are: Jen Courtney, John Courtney '08 (MBA), and Reggie Bustinza, director of alumni relations.



## GOLDEN FLYERS

In July, members of the class of 1966 gathered for their 50 year reunion. The newest Golden Flyers met with new Lewis President Dr. David Livingston, perused yearbooks, explored campus, and reminisced about their time at Lewis.

## ALUMNI RETURN TO CAMPUS



**Alumna Samantha Rinehart '14** returned to campus in September to speak with students about the next steps on their educational path.



**Faris Ziadat '12** (Business Administration) spoke at Salesmanship classes in September. Faris shared his personal experiences with students, and emphasized the importance of asking customers open-ended questions. Faris serves as the vice president, field sales representative at Citi. He credits his degree from Lewis in being able to take the next step in his career.

## GIRLS TAKE FLIGHT CAMP

Lewis University launched its successful Girls Take Flight in Aviation camp the week of June 27. The camp brought together 23 middle and high school aged girls who came to campus to experience a week of learning about the science of flight, meteorology, and unmanned aircraft systems. Several aviation alumni volunteered their time to talk with the girls about how they shaped their own aviation careers, including **Elaine Harris '03**, MBA '08 from Ingredion; **Tim Radigan '92** from Baxter; **Elaine Karabatsos '90** from Coca-Cola; and **Margaret Naughton** and **Jessica Plascencia '15** from Vulcan Materials Company. Undoubtedly, the highlight of the camp was flight time for each girl in the University's fleet of Cessna 22 aircraft. Departing from the Lewis University Airport, each girl received a flying lesson from a licensed flight instructor.

Lewis was pleased to partner with the community organization Girls4Science to recruit the participating girls. Many of the girls' families noted how appreciative they were to be able to offer their daughters this experience, as it was provided without cost to the participants thanks to support from corporate partners.



**Tom Drez '88**, the CIO, CPO, CSO, and managing director at Christian Brothers Services, recently gave a talk entitled "Cyber Security, Cyber Risk, and Data Breaches. Oh My!" to Lewis students and others in the Computer Science division of the Associated Colleges of the Chicago Area (ACCA).

## 1960s

**Michael Mizwicki '68** (Biology) retired after serving as an educator for 46 years. The last 35 years, he was a school principal in Seminole County, Fla.

## 1970s

**Michael Alexander '72** (Sociology) was appointed by Oregon Gov. Kate Brown to the Port of Portland Commission. He serves on the boards of LifeWorks Northwest, the American Leadership Forum of Oregon, the Northwest Health Foundation, and Black United Fund.

**Nancy L. Oetter '78** (Business, Political Science) was elected to the Pax Christi USA National Council in 2015 and was appointed treasurer. Nancy became the regional coordinator of Pax Christi Illinois in 2009. Since retiring from the U.S. Department of Energy in December of 2011, she has been dedicating more time to Pax Christi.

**Joan Lovell '79** (Business Administration) completed her new book *The Adventures of Angus MacTavish's "Beast to Beauty."* Published by New York City-based Page Publishing, the book is described as "a gripping and potent story of how one small unexpected gift can entirely change a person's life." Joan says, "The book was written for children and no matter what your age is, when one career door closes, there is always another one that will open up when you're least expecting it."

## 1980s

**George Cutro '87** (Marketing) was hired as director of Midwest Industrial Research at JLL. George jumped to JLL after a 20-year career at Colliers earned him a reputation as the "dean" of industrial research directors. He and his team are working on exciting projects, including how to create interactive spreadsheets with historical standards that brokers can use to present that information directly to clients. They are also developing a smartphone-enabled, 360-degree dashboard for smartphones and PDAs that allows brokers to interact with JLL data in real time.

## 1990s

**Christopher Harris '90** (Marketing) is an adjunct lecturer at the University of Iowa Tippie School of Business in the Department of Finance where he teaches his students about wealth management. He is a Board Certified Financial Planner.

## 2000s

**Maria Perez '00** (Criminal/Social Justice) was appointed to the Illinois Board of Employment Security by Gov. Bruce Rauner. She is a retired police officer from the Chicago Police Department for 23 years until 2005. She is the co-founder and past president of the Mexican-American Police Organization, the co-founder and first president of the Chicago Police Women's Association, and was a negotiator for the Fraternal Order of Police. After Lewis, she earned an MBA from St. Xavier University. She lives in Chicago.

**Len O'Kelly '04** (Elected Studies) earned his Ph.D. in Journalism from Michigan State University in June, and was promoted to assistant professor in the School of Communications at Grand Valley State University in Allendale, Mich. Len teaches courses in radio and media history, and serves as faculty adviser for the student radio and television stations.

**Ayanna Collins '04, MBA '14** (Business/MBA) was married to Kerby Hypolite on July 18, 2015 in Winter Park, Fla. She graduated from Barry University School of Law with her J.D. and is studying for the bar exam.

**Joseph Weyers '07** (Theology) was hired as associate director in the Office of Youth and Young Adult Ministry at the Catholic Diocese of Evansville, Ind. Weyers previously lived in St. Charles, Ill., where he founded his company, The Agora 47, which provides social media content and management to companies and organizations. Weyers has served in youth ministry positions with St. John Neumann Parish in St. Charles and Sts. Peter and Paul Parish in Cary, Ill. He earned a Master of Arts in Pastoral Ministry from Loyola University in 2011, where he also completed all 72 credit hours needed for the Master of Divinity Program.

**Kendra Hadnott '08** (English) is a published author, whose book *Something Watching Me* was nominated and chosen for the 2016 Chicago Public Schools "Battle of the Books" competition. Kendra has published four novellas and two novels.

**Jordan Vidovic '09** (Business Administration) was named coach for the varsity girls' volleyball squad at Marist High School, starting with the fall 2016 season. While at Lewis, he played on the volleyball team for four seasons and in 2007, was named USA Volleyball Beach Player of the Year. He also teaches physical education at the school.

## 2010s

**Mark Melka '10** (Environmental Science) was recently engaged to Norah Flynn. They reside in Orland Park.

**Timothy Vance '10** (Business Administration) was married to Devon Thomas on June 4, 2016. He has been a high school Physical Education teacher and head coach of the boys' and girls' soccer programs at Father McGivney High School in Glen Carbon, Ill. Tim was integral in founding the school which opened in 2012, and recently graduated its first senior class.

**Christopher Hueg '11** (Theology) was hired as a junior high school campus minister at St. Mary Immaculate Parish in Plainfield, Ill.

**Steven Wynne '12** (Criminal/Social Justice) was promoted to the rank of Captain in the U.S. Army on April 29, 2016. He currently serves as the commander of Company B, 787th Military Police Battalion at Fort Leonard Wood, Mo. where he is responsible for transforming civilians into military police soldiers during 19 weeks of training. Captain Wynne manages on average 240 trainees along with 17 drill sergeants and support cadre. Captain Wynne is married to Brooke Wynne who was also promoted to the rank of Captain during the ceremony.



Dear friends of Lewis University,

Your investment in Lewis has helped transform the lives of our students. Your generosity provides scholarship support, and gives hundreds of students the opportunity to earn a college degree and also supports the research opportunities, facility enhancements, and professors that assist students in developing a solid foundation to begin their careers – and the skills they need for future success.

I use the word “investment” because your gift is just that and I want you to know there has been a tremendous return on that investment.

One way to measure that return is through the various recognitions the University has recently received that acknowledge the quality of our students, faculty and the education we provide:

- Ranked No. 24 in *U.S. News & World Report* Midwest Regional Universities
- Among the Top 50 Best Catholic Colleges according to College Choice
- Top 20 Best Colleges for Veterans Midwest Regional University rankings and number two in the state of Illinois
- Top 5 Best Private College Value in the Midwest

Another way to look at the return on your investment is through the impact the University has on the communities we serve, such as:

- Establishment of The Institute for Catholic and Lasallian Education, which offers assistance and programs to advance Pre-K through 12 Catholic education, preparing the next generation of educators and administrators to lead Catholic and Lasallian schools.
- Partnership with the Will County Health Department utilizing our students and faculty to provide a risk assessment and recommendations on securing the data for its many constituents.

Finally, and in my opinion most importantly, your investment not only benefits our students today, but it will impact the lives of their children and grandchildren.

For those of us who attended Lewis and became the first in our family to earn a college degree, think about the impact our education has had on our families. Personally, I know that my children are better off because of my opportunity to be the first in my family to earn a college degree.

Here are a few interesting facts related to that topic:

- More than 30% of today’s Lewis students are first generation college students.
- An analysis from the National Center for Education Statistics (NCES) indicated that 82% of non-First Gen students enrolled in college immediately after finishing high school, vs. 54% of students whose parents had completed only high school and 36% of students whose parents had less than a high school diploma.
- Implementing effective methods for how to motivate, educate, and eventually ensure the success of the very large cohort of First Gen students is one of the most effective means of addressing our nation’s future workforce needs, and ensuring its future global competitiveness.

You should take great pride in knowing that together, we are providing opportunities for our students to be successful and ethical leaders in their fields and throughout their communities. Please be assured that your investments are impactful, stewarded well, genuinely appreciated, and provide extraordinary returns now and into the future.

Best wishes to you and your family for a joyous holiday season,

Luigi B. Amendola '01  
Interim Vice President for University Advancement

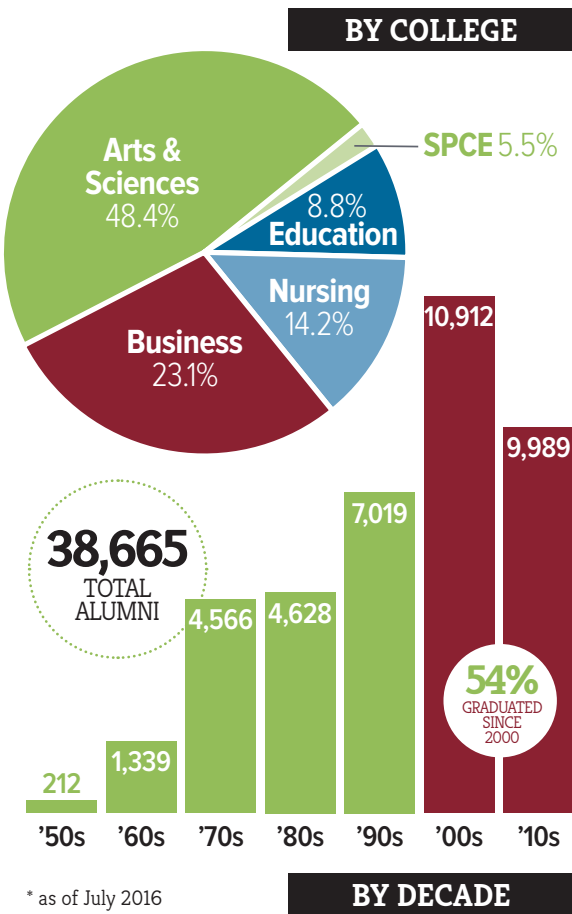
# 2016 PRESIDENT'S Annual Report



**“Your investment in Lewis has helped transform the lives of our students.”**

Luigi B. Amendola '01

## ALUMNI PROFILE



## GIVING PROFILE

**\$10,028,744**  
TOTAL DOLLARS RAISED in FY16



SENIOR CHALLENGE 2016

**\$14,774**



LEWIS UNIVERSITY  
DONOR RESTRICTED  
**ENDOWMENT**

▲ 158%

FY08

\$6,227,859

FY15

\$16,095,153

**GROWTH**

Over last 10 years

ALUMNI DONORS ▲ 65.2%

--NEW-- DONORS ▲ 96.2%

EMPLOYEE DONORS ▲ 444.3%

PARENT DONORS ▲ 465.5%

PRESIDENT'S -CIRCLE- DONORS ▲ 110.3%



## CAPITAL CAMPAIGN



### Capital Projects

\$6,410,719.49

### Endowed and Annual Scholarships

\$17,336,282.16

### Programs

\$7,860,635.80

### Area of Greatest Opportunity

\$1,994,254.14

Total / **\$33,601,891.59**

## STUDENT DATA

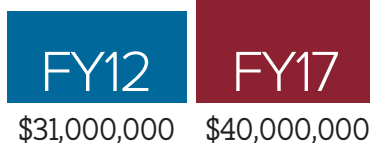
**81%** UNDER GRADUATES Received Need or Merit-Based Financial Aid

Average Full-time **FINANCIAL AID UNDERGRAD PACKAGE** IN 2014 - 15

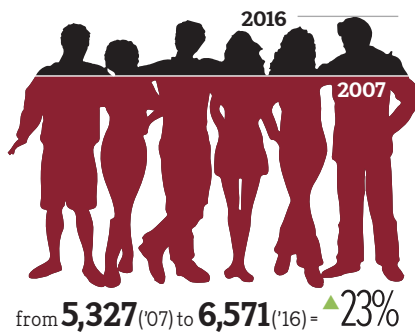
**\$25,205**

**FINANCIAL AID INCREASE**

▲ 29%

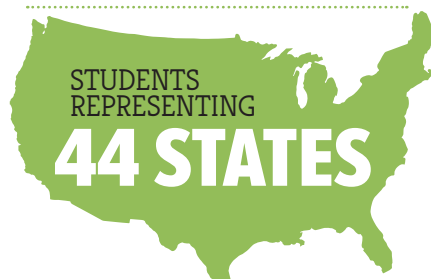


**INCREASE IN ENROLLMENT** IN LAST 10 YEARS



—SIX YEAR— GRADUATION RATE  
**66%**

—AVG. FRESHMAN— ACT SCORE  
**23**



# Making an IMPACT



## NEW STUDENT CENTER PLANS UNFOLD

For years the Lewis Memorial Hall, commonly known as the Student Union – home to the Flyers Den – has been a hub for student activity. The Student Union brought to life the spirit of community on campus as a place where students gathered to study, socialize, or celebrate with their peers. The Student Union has housed many meetings, late night study sessions, and social gatherings since 1946.

“It’s vital for the University to offer services, programs, and facilities that provide all students opportunities to enjoy and appreciate life outside of the classroom,” said Joe Falese ’78 ’84, senior vice president of student services. “We value our co-curricular experiences that allow students to develop their interpersonal skills and create new and lasting relationships.”

Built in 1964, the current Student Union was one of the first buildings on campus and was initially a student residence hall and a gymnasium before its conversion into the center of student activity.

“There was always music and dancing, pool tables, cards, bowling and the occasional prank,” recalled Mary Jayne Broncato ’61. “In back of the lounge were the offices for the school newspaper and yearbook. There was always a good cup

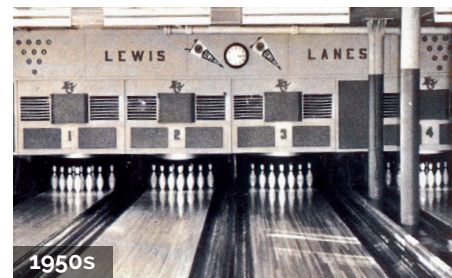
of coffee available, which was a necessity for studying during all-nighters. And I remember lots and lots of laughter.”

A campus’ student center brings students together to bond and foster creativity. Since its beginning, Lewis has focused on building a strong sense of community – an initiative that remains a top priority.

“I remember when comedian and alumnus John Camponera ’79 came to do his show in the Den, and the place was packed,” said Larry Tucker ’84. “At Lewis, everyone on campus knew each other so there was a friendly face wherever you turned. In February 1982, we won the GLVC basketball championship on a Friday night and the radio station moved their radio show to the Den after the game. The Den was the place we came to gather or celebrate as a Lewis family.”

Malcolm Whiteside ’99 said, “I attended many gatherings in the Flyers Den and Student Union. Back then we had the campus bar, video games, and television. It was the only place to socialize on campus.”

As the student population grew, the Flyers Den and other lounges on campus grew in popularity and with that came an increasing commitment to advancing the Lewis co-curricular experience. These investments

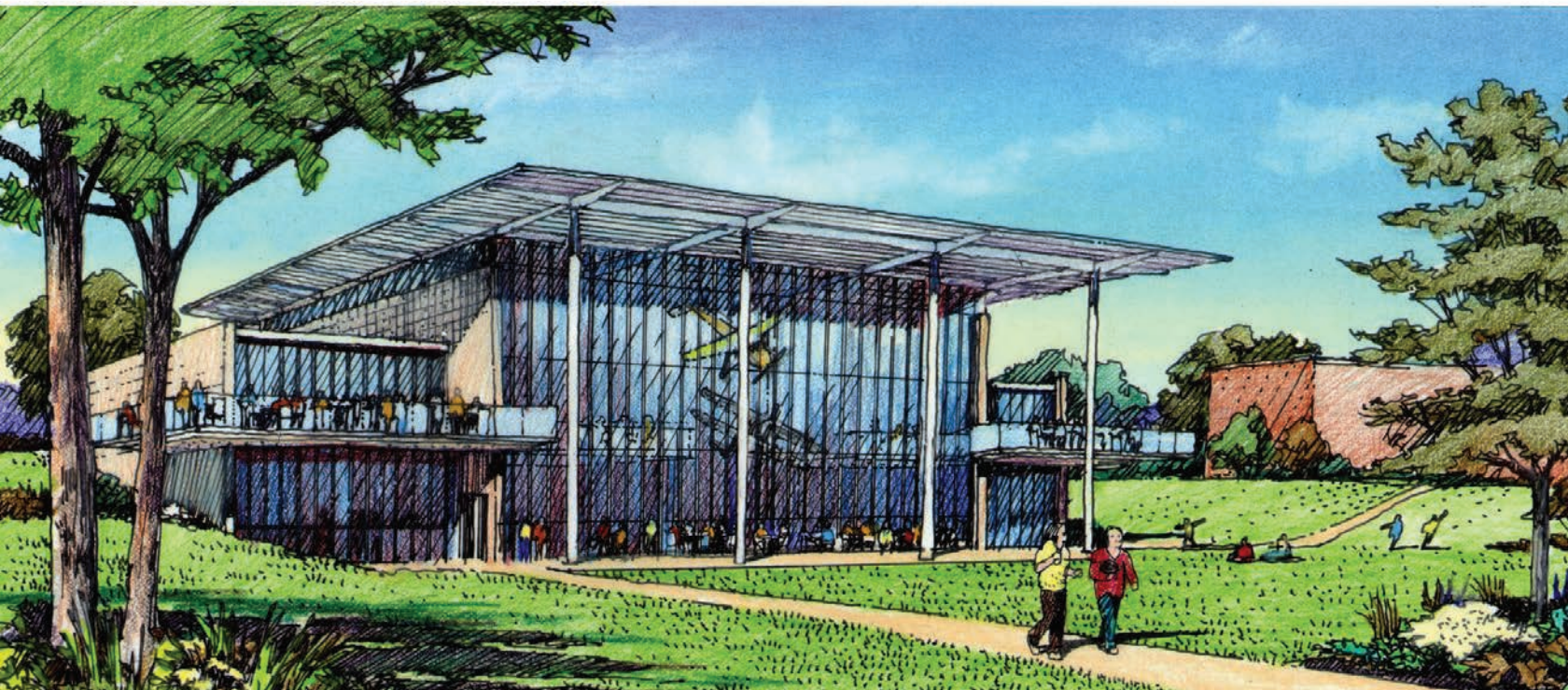


helped to further efforts to build a sense of community; a place where traditions are formed and an opportunity to create a sense of being part of something unique.

“Student centers continue to play an integral role as the hub of co-curricular activity for today’s college student,” according to Dr. Jordan Humphrey, assistant dean of student affairs. “Our current Student Union hosts many social gatherings each week in addition to the dozens of students who can be found studying on the its couches, eating dinner in the Den, or grabbing a cup of coffee in our new Commuter Lounge space. The Union continues to evolve with the needs and wants of our student body.”

A gathering place is even more vital at a University like Lewis, where there is a large population of student commuters and evening students. A central student center provides a place for all student





*Conceptual Design of the Brother James Gaffney, FSC Student Center*

populations to gather with peers for a variety of purposes. “In addition to being a unifying force for bringing together our campus community and also our guests, the student center offers students the opportunities to experience numerous educationally purposeful activities, engage in student significant leadership experiences and participate in student governance,” said Kathy Slattery, dean of student services.

“We are excited to be breaking ground next spring on the new Brother James Gaffney, FSC Student Center. The addition of this space will serve as a center-point of campus activity. We are hopeful this center will generate enthusiasm among prospective students and their families upon their visits to our campus while also serve as a staple for the memories of students as they become our alumni,” says Falese.

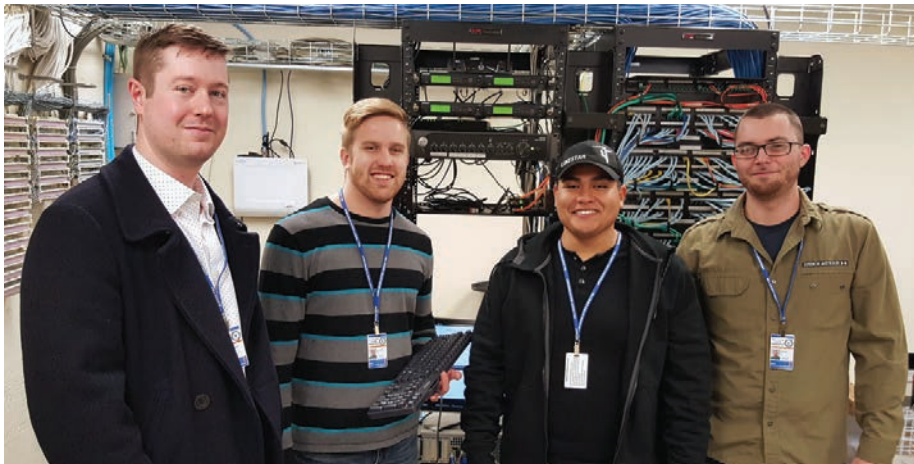
*For a sneak peek at the floor plan, or to make a gift to this initiative, visit us online at [alumni.lewisu.edu/studentcenter](http://alumni.lewisu.edu/studentcenter).*

## Student Center Plans

The current conceptual design is a 26,000 sq. ft. building at a proposed cost not to exceed \$12 million, of which \$5.2 million has been raised through private gifts to the University.

*Services and accommodations will include:*

- Offices for student organizations and student government
- Soft seating and gathering spaces for residential, commuter, undergraduate and graduate students
- Three meeting/conference rooms
- 24-hour convenience store and café
- Gaming area which includes three multimedia areas and arcade
- New dining hall with over 360 seats as well as private dining rooms that students can reserve for meetings
- Two outdoor balconies
- Décor that will feature University spirit and pride through design, color and features



(L to R) Gabriel Berki, Brandon White, Alejandro Rodriguez, Steven Day

## REAL-WORLD EXPERIENCE AND EQUAL PARTNERS

The Will County Health Department (WCHD) puts its faith in Lewis University's computer science students when it comes to risk assessments and ensuring secure data for its many constituents. So much so that the WCHD asked for Lewis computer science students to return this semester and continue partnering on projects.

"Lewis has a program that speaks to our needs," said Sue Olenek, executive director of the WCHD. "Universities are on the cutting edge of technology. We serve as project managers along with the faculty, and students put their significant skills to work in a real-time, real-world learning experience that has proven to be a fantastic mutual partnership."

"They deal with a lot of personally identifiable information, particularly regarding health, so it is critically important for them to safeguard all that data," explained Dr. Ray Klump, chair of computer and mathematical sciences at Lewis University.

"We came to Lewis because Lewis offers a great education in cyber security, and we also wanted to give a nearby educational institution an opportunity to provide its students a thoroughly real-world experience," added Olenek.

Computer and Mathematical Sciences (CaMS) Cyber Defense Group students Brandon White, Steven Day, Gabriel Berki, and Alejandro Rodriguez worked with

the WCHD and Dr. Klump to perform testing on the WCHD system in the spring semester.

White, who has been interested in computers and information technology ever since childhood, is highly interested in securing the digital world that the population relies so heavily on today.

"During the engagement we were able to test out the skills we had been taught in the classroom while interfacing with a real organization, rather than a lab simulation," explained White. "This means the scope of responsibility is much larger, and we had to adapt to that accordingly while staying within the timeline that we were given."

The students essentially served as ethical hackers of the WCHD system. "An ethical hacker's purpose is to investigate systems selected by the customer to see if those systems leak any data or can provide unauthorized access," explained Dr. Klump. "A company's information infrastructure is a complicated thing, consisting of lots of different devices running a variety of services and operating systems and hosting various data."

A successful ethical hacking effort will identify problems in the customer's systems so that the customer can then fix them. According to Dr. Klump, the best ethical hackers - the ones who can write their own code like any good computer scientist - can write their own tools to find vulnerabilities

in systems, which is particularly effective for doing a really deep inspection of a system in an automated way.

"Students like the testing because it's almost like a sport: they hunt for problems using the tools of the trade, much like a fisherman uses bait. When you catch something, you get excited about it, because you've helped the organization seal another one of its vulnerabilities, and thereby provided a really helpful service," adds Dr. Klump.

"Working on a production network requires much more planning and much more care due to the fact that if something goes wrong, an entire organization could be left without access to important resources that are needed to conduct work," added White.

"I think when you provide a student real-world experience, you help them decide what they want to do," said Anthony Melei, information technology and telecommunications coordinator for the WCHD and a 1988 computer science graduate at Lewis. "The last thing a student wants to do is spend four years in school before going into the work environment and finding what they thought they'd be doing is quite different from the actual career in front of them. Projects like these help them navigate what they'd like to do in a career."

Generous donors to Lewis University make possible the training and opportunities that make Lewis students stand out for these partnership opportunities.

"Their education is directly impacted by gifts to the University, which have enabled us to secure equipment, attend conferences, and stand out in competitions," said Dr. Klump. "One of those competitions was at the Rochester Institution of Technology in New York, where they captured fourth place in a national networking and security competition."

## REACHING OUT AND CHANGING LIVES

“I always tell students that education is the most powerful weapon you can use to change the world, as Nelson Mandela once said. That holds true today,” says Lewis alumna Martha Villegas Miranda '98, currently multicultural outreach and retention specialist at Joliet Junior College. “Education is going to change your life in the future. It’s a catalyst in a person’s life to take themselves out of whatever socio-economic status they’re in and get a better paying job with benefits. Many first generation students want to help their families but without an education, they’re not going to have doors opened to them.”

Though enrollment in higher education among U.S. Latinos has been rapidly increasing in recent years and Latina/o high school dropout rates have declined, there are still significant roadblocks preventing these students from obtaining their college degree. Economic factors are a main obstacle, according to a 2014 National Journal poll which cited 66 percent of Hispanics who sought a job or entered the military immediately after high school did so to help support their family compared to 39 percent of Caucasian students.

At Lewis, the first-year Latina/o student population has more than doubled from 2005 to 2015. The establishment of the Latin American Student Organization (LASO) has assisted in promoting Hispanic and Latino cultural awareness and supporting its members in achieving their educational goals. Yet with the recent funding issues with Illinois’ MAP grants, which provided supplemental funding to aid 1,397 Lewis University students during the 2015-2016 academic year and provide a maximum award of \$4,720 annually, students seeking secure financial support for their college education are facing one more obstacle.

The Latina/o Leadership Scholarship is just one of many diverse scholarships

available to students. Scholarships such as this one or the Trailblazer Endowed Scholarship – which honors the legacy of four African American pioneers in the Lewis community and supports African American students in good academic standing



(TOP) Martha Villegas Miranda '98. (ABOVE) Members of LASO take part in many events throughout the year. This year, they partnered with University Advancement to raise funding for scholarships.

with financial need who demonstrate a commitment to their community – all provide essential funding to keep good students in school.

“Having students of different backgrounds on a college campus broadens the diversity of the pool of students,” adds Villegas Miranda, who is a supporter of the Latina/o Leadership Scholarship. “Students in the classroom can learn from their barriers, their strengths and their struggles and really help other students understand the journey they had. It’s important to have diversity not just in race and ethnicity but in the walks of life people come from.”

Through generous support, Lewis has established scholarships and endowments that will provide students with needed access to education. Recently Villegas Miranda, along with alumna Mariza Rocha '05 and '16, and student Jessenia Garcia '17, hosted a crowdfunding drive in partnership

with LASO to fully fund the initiative. (Gifts can still be made to this campaign by visiting [give.lewisu.edu/LLScholarship](http://give.lewisu.edu/LLScholarship))

“I think it’s important to take care of those who are at the margins; to take care of those who don’t have the opportunities to pursue education,” says Villegas Miranda. “I believe this is a perfect University for students to pursue their education because they will get the support here as a first generation student. Lewis’ values guide the faculty and staff, provide the highest level of education and pave the path for students.”

To learn more about how you can impact the future of a student through scholarship, please visit us online at [alumni.lewisu.edu/Scholarship](http://alumni.lewisu.edu/Scholarship). Videos of our interview with Villegas Miranda are available at [alumni.lewisu.edu/LASO](http://alumni.lewisu.edu/LASO).



## THE FUTURE OF EDUCATORS

In today's increasingly technological society, the field of education must constantly adapt to changing needs; a transformation that will undoubtedly gather momentum in the years to come, according to the World Economic Forum. Now more than ever, teachers, government officials, professionals, and anyone involved with educating students must learn to adjust and evolve as quickly as the world to properly prepare students for success.

As Lewis University President Dr. David Livingston said, "We're not simply preparing students for their first job, but rather for that third, fourth and fifth job as the economy shifts and changes. We're instilling in students necessary skills to adapt and thrive in their careers."

### Lewis Noyce Scholarship Recipients

#### UNDERGRADUATE STUDENTS

Joseph Lambert III (physics), Rob Funke (middle level education and math), Emily Pearson (middle level education with endorsements in math and science), Elizabeth Geier (secondary education with endorsements in math);

#### GRADUATE STUDENTS

Maisa Abu-Mallouh (will be endorsed in science with a designation in biology) and Caitlin Moeller (will be endorsed in math and science with a physics designation).

The Lewis University College of Education works closely with students to graduate skilled educators by emphasizing the idea that teaching is a vocation; an opportunity to prompt great change in the world. One such opportunity is the Robert Noyce Teacher Scholarship Program at Lewis, a part of a \$1.4 million National Science Foundation grant awarded to Lewis in 2015. This grant is designed to prepare STEM (Science, Technology, Engineering and Math) candidates to become highly qualified teachers to work in middle schools and high schools that serve high need populations. Three main components of the Lewis University Noyce Scholar program include scholarships, quality STEM teacher preparation and collaboration with community partners.

Six Lewis students were selected to receive up to \$12,000 in scholarships through the Lewis University Noyce Scholar program. Noyce Scholars are selected based on current GPA, full-time enrollment, application essay, financial application, citizenship status and credit hours in biology, chemistry, mathematics or physics. Over the summer, these students took part in an educational opportunity at the NASA Kennedy Space Center, where they learned about the aircrafts and instruments that have been integral to space travel. After a tour of the Visitor Complex, the students



were able to see the space shuttle, Atlantis, network with other conference attendees, receive resources for their future classrooms and talk with astronaut Sam Durrance.

"The Noyce Scholarship and the opportunities it provided me with, such as the NASA tour, have enhanced my education," says Emily Pearson, an undergraduate student at Lewis and a Noyce scholar. "It relieves the burden of financial stress and allows me more time and energy to focus on my studies. This experience provided me with several resources for my future classroom and connections I can utilize as I pursue a degree and career in Middle Level Education. It helps me grow as an educator and allows me to become the teacher I want to be for my future students."

The Noyce Scholarship students took over Lewis' Instagram account for their experience and shared photos of the different opportunities the trip presented. To see more photos, visit [Instagram.com/wearelewisu](https://www.instagram.com/wearelewisu).

# DEVELOPING CURIOSITY AND INNOVATION IN THE STEM FIELDS

According to the U.S. Department of Commerce, women make up close to half of all jobs in the U.S. economy. However, this population holds a significantly smaller percentage of science, technology, engineering, and mathematics (STEM) jobs.

“For a workforce to be dynamic, it must encompass a community of diverse individuals; men and women from all backgrounds. This brings different viewpoints, ideas, and opportunities to the core of every project. Lewis University is making significant efforts to introduce STEM to these under-represented populations with the hope of building a more diverse and open scientific community comprised of a variety of experiences and thoughts,” explained Dr. Bonnie Bondavalli, dean of the College of Arts and Sciences. “In the last year, we’ve seen one of our computer science students present at the Women in Cyber Security Conference; many different students participate in research opportunities; and the Girls Create with Technology program introduces grade school students to STEM fields. And that’s really just the beginning.”

The Lewis University Girls Create with Technology program offers learning experiences in computer science to middle and high school girls as part of a significant effort by the Department of Computer and Mathematical Sciences (CaMS) to increase

the number of women in the field. Dr. Cindy Howard, associate professor in the department, leads the program that has been generously funded over the past several years by the Caterpillar Foundation, the Staples Foundation, AT&T, Ingredion, Inc., The Ecolab Foundation, The PPG Industries Foundation, Vulcan Materials Company and The Best Buy Foundation.

As part of this initiative, girls take part in many activities during a multi-day summer camp and numerous sessions throughout the school year that provide advanced training in various aspects of computer science. With Dr. Howard’s leadership and vision, CaMS professors and Lewis students teach the girls about robotics, programming, web design, and networking. The girls learn how to use computers to control physical devices wirelessly and over a wired connection. Dr. Howard teaches girls to program robots that they built using Scratch and Python. They also learn how to build a wireless control system for robots using a Raspberry Pi.

“Most importantly, the girls learn that computer science is a creative, immersive, rewarding area of study that spurs innovation that appeals to and serves everyone,” Dr. Howard commented. “Sixth grade is right around the time that female students begin to lose interest in science; we need to find innovative ways to inspire them in STEM fields. The world depends more



*Dr. Cindy Howard works alongside a student.*

and more on science and technology, and women need to represent a bigger piece of that pie.”

Both male and female students are also making significant strides at Lewis University through real-world learning experiences in STEM fields. For example, wound management applications, student success in math, ion removal, molecular cloning, cyber security training, computer coding and precision beam timing were among the topics of research this summer at Lewis University.

In August, students presented their summer research work at the seventh annual concluding symposium for the STEM Undergraduate Research Experience. The S.U.R.E. program is a 10-week collaborative experience for students from multiple STEM disciplines to engage in undergraduate research with Lewis University faculty mentors. Supported by the generosity of the Aileen S. Andrew Foundation, the S.U.R.E. program brings students from the areas of biology, chemistry, physics, math and computer science together to discuss topics like research ethics, data analysis methods, resume building and interviewing skills. They also share specific discipline-related research. Read more about NOYCE scholars in the article on page 13.

“This intensive summer program serves as a foundation for more progress and presentations throughout the year,” said Dr. Sarah Powers, assistant professor of biology and program director. The program provides the student researchers with a stipend and offers an experiential learning environment that accelerates their research careers. Many results end up being presented at conferences and in publications.”





*(L to R) Kristen Chmielewski (chair of the ISTAT Ambassador Committee), Mohammad Makahleh, Larrisha Armstrong '16, Josephine Herrera-Rivera '16, and Brian Salvatori '94 of AAR Corp.*

## ISTAT SCHOLARSHIP FULFILLS AVIATION DREAMS

Education provides a pathway to fulfilling dreams. Scholarships make the pathway possible and are especially important because of a continued increase in demand for aviation management, mechanics, safety technicians, air traffic controllers and more. More than providing students access to education, these scholarships provide real-world learning experiences that propel students to the next level in their education.

Three 2016 Lewis University Master of Science in Aviation and Transportation students are fulfilling their dreams, thanks to a scholarship from the International Society of Transport Aircraft Trading (ISTAT) Foundation. ISTAT has granted over \$121,700 in scholarship dollars to date to students at Lewis University.

Receiving the ISTAT scholarship comes with several benefits like monetary assistance toward tuition fees and automatically becoming a member of the ISTAT organization that includes thousands of business professionals from all over the world. Furthermore, it allows students to completely dive into their education and grow during their time at the University.

Brian Salvatori '94, vice president of asset trading at AAR Corp., serves as the designated ISTAT Ambassador to

Lewis University and Kristen Chmielewski, Of Counsel with Asset Finance Legal Counsel, serves as the chair of the ISTAT Ambassador Committee. Brian received his degree from Lewis University in aviation flight management as well as his private pilot license and instrument rating. Brian also played right field and second base for the Lewis University Flyers baseball team.

On Sept. 6, Brian and Kristen met with the scholarship recipients to congratulate them, discuss their professional aviation careers, and encourage the students to participate in the upcoming ISTAT conferences.

One scholarship recipient, Josephine Herrera-Rivera '16, a paralegal in Lake Villa, dreams of practicing international aviation and transportation law and regulation. She already has earned a bachelor's degree in professional studies with a paralegal certificate and worked for FedEx Express. This master's degree is set to propel her career.

"Receiving this scholarship has really had a tremendous influence on me and my educational experience," said Herrera-Rivera. "It helps me enjoy learning rather than stress about paying back potential loans."

Larrisha Armstrong '16 earned her undergraduate degree from Lewis University in air traffic control management with a minor in aviation dispatch, and continues her studies in order to reach her full potential. The ISTAT scholarship provided the opportunity for an invaluable internship experience at the Chicago Air Route Traffic Control Center in Aurora, where she saw concepts she learned in the classroom applied in real life scenarios.

As a national leader in aviation education, the University continuously works with ISTAT to help provide students with the opportunity to fully engage in their educational experience. Mohammad Makahleh dreams of moving his career beyond its current state as a lead cargo agent at O'Hare International Airport. This master's degree will assist him in achieving his dreams at Total Airport Services, LLC.

Aaron Zimmerman, former ISTAT recipient, studies aviation administration at Lewis, and has also begun taking master's coursework in aviation and transportation through the fast-track program option. He is currently employed at as a flight operations support representative with United Airlines at O'Hare International Airport.

"This scholarship helped me during a time when I was working more than 40 hours per week, taking 19 credit hours, and overcoming some personal obstacles," says Zimmerman. "Not only was the monetary award a great help, but I, along with other ISTAT recipients, was able to attend a great event hosted by ISTAT in New York, where we were able to establish many new professional contacts."

The ISTAT scholarship provided these inspiring students with unique experiences that not all young people have in college. They were able to pick up extra classes, be more involved on campus, and partake in internships because of their scholarships, and now feel confident and prepared to begin their careers in the aviation field.

# Your generous support provides Lewis students with...



## Scholarship

Tony Pena '98 studied mathematics and history with an education minor, and received a baseball scholarship and an academic scholarship to help cover the cost of his tuition. Now a math teacher and coach at Stagg High School, he knows how important access

to education is to his students. "At a time when I needed financial assistance in my life, Lewis provided it to me. New dorms, the fieldhouse, the fitness center were enhancements to the quality of campus life and athlete performance." Thanks to this personal experience, Tony consistently gives to Lewis to help students achieve their goals. "It is only right to repay others what I was paid."



## Real-World Learning Experiences

During her time at Lewis, Samantha Rinehart '14 was awarded a paid fellowship in the summer of 2012 as part of the Lewis University Summer Undergraduate Research Experience, presented in local and international forums, and

presented her team's research in a poster presentation for the 18th Annual Posters on the Hill event on Capitol Hill in Washington, D.C. "Having the experience in not only how to design and conduct experiments, but also analyzing and presenting results to various audiences, provided me with a solid foundation," Samantha, now a Ph.D. candidate in the chemistry program at the University of Tennessee-Knoxville, said. "I have applied all of those useful skills in my current studies, and will continue to do so for the entirety of my scientific career."



## Social Outreach

Erin Richards '15 graduated with a bachelor's degree in criminal/social justice and psychology. She was heavily involved in University Ministry, attended five different LUMINATE trips, went on one international mission trip to Sucre, Bolivia, and attended the

social justice retreat, Catalyst. "Lewis has several opportunities for you to try new things and experience places that you might not have otherwise," Erin says. "The University helped prepare me for my year of volunteer work (at the New York Intern Program) by giving me opportunities that allowed me to go out of my comfort zone."



## A Diverse Educational Experience

Keli Knight, '03 has taken great strides to break down barriers for African American women in the legal industry as a founding partner at the only African-American female owned law firm of Knight, Morris & Reddick Law

Group (KMR) in Chicago. "I have always been a confident person, but maintaining my individuality and embracing my differences among everyone else on campus definitely enhanced my confidence," says Keli, who also found that Lewis prepared her for the real world and taught her to coexist with people who did not come from her same background. "It is very common, in our field, to be one of few minorities in a room or to be in a situation where people gravitate towards those who look like them," Keli adds. "I think that Lewis better prepared me for those situations and how to react in them."

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*Feast of Saint John Baptist de La Salle*

**The Presidential Inauguration  
of Dr. David J. Livingston**

*10th President of Lewis University*

Details will be posted at  
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