RESEARCH
Office of the Sr. Vice President and Provost
### Office of the Senior Vice President and Provost
#### Research and Sponsored Programs Activity

**July 1, 2016 - April 30, 2017**

**By Source of Funds:**

#### PROPOSALS

<table>
<thead>
<tr>
<th>Source of Funds</th>
<th>FY14-15</th>
<th>FY15-16</th>
<th>FY16-17</th>
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<tbody>
<tr>
<td>Federal</td>
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<tr>
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<td>148</td>
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<tr>
<td>Other*</td>
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<td>103</td>
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#### AWARDS

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<th>FY15-16</th>
<th>FY16-17</th>
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<td>108</td>
<td>103</td>
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<tr>
<td>State</td>
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<td>Other*</td>
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#### EXPENDITURES

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<th>FY16-17</th>
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<td>State</td>
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<td>Other*</td>
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<td>30,019,515</td>
<td>38,897,070</td>
<td>29,781,931</td>
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* Other is comprised of sponsor types: foundation/nonprofit, individual, non-U.S. government, and other universities.

**Summary:** Year-over-year changes for proposals, awards, and expenditures (FY through April 30)
Research Highlights

Wayne College hosted its first Maker Faire on May 20

Artists, engineers, crafters, and scientists gathered together at the inaugural Maker Faire held at Wayne College. Visitors were presented with a wide variety of innovation, technology and creativity by the “makers,” from an 18th century printing process to 3D printing, from hand-weaving on a loom to a group of UA students with their electric car.

Biomedical Engineering students help a 5-year-old dance...and run!

Travis Pero, Logan Belew, Steve Conklin, Nolyn Martz, and Will Rasper were honored by the Summit County Developmental Disabilities Board and awarded the Community Impact Award for their volunteer work with Audrey, a 5-year-old whose foot was amputated when she was a toddler.

For more than six months, this student team worked with Audrey and created a better fitting prosthesis that fit snugly around her ankle while still allowing flexibility for her growth. “Not many engineering students get to see their work pay off like this,” Pero said. “We were really motivated to help her because she was so happy all the time. We all take for granted things like our left foot. Audrey hasn’t had that since an early age, yet that’s not slowing her down at all. She is inspiring.” Shortly after receiving her new prosthesis Audrey ran the 1 mile Kids Fun Run event at Lock 3.

Re-engineering the budget process to help hospitals save money

School of Accountancy professor, Dr. Akhilesh Chandra, with researchers from University of California Riverside and George Mason University, completed a first-of-its-kind study to combine the transaction cycle approach, a fundamental concept in accounting information systems, with budgeting, to analyze real-world healthcare data. Accepted for publication in the Journal of Information Systems, the research identifies a more efficient budgeting method.

UA inventor receives three U.S. patents in a single day

With his intellectual property portfolio now standing at 123 U.S. patents, Dr. Joseph Kennedy, professor of polymer science, is thought to be one of the most prolific academic inventors in the country. More relevant than the sheer number of patents granted, however, is whether the inventions make a difference. It is notable that several of Dr. Kennedy’s inventions have achieved commercial success. The most important discovery was related to polymers for medical devices, and was launched as the polymer coating on Boston Scientific’s drug-eluting coronary stent, which has been implanted in over 6 million patients.

One of his new patents, U.S. 9,587,067, “Polyisobutylene and process for making same,” involves the synthesis of new biostable polyurethanes that will also be used for implantable medical applications. This invention resulted from over a decade of research, and it has good likelihood for licensing and commercial success in biomedical devices.
Digging into Ohio’s past

Dr. Michael Shott, professor in the Department of Anthropology and Classical Studies, terms his latest project as a “collections grant.” His team will concentrate on American Indian artifacts collected from two sites, Ft. Ancient in the Cincinnati area and Newark Earthworks, near Columbus, as opposed to studying the sites themselves. Analysis and interpretation of the copper, ceramic, and stone artifacts will focus on the social networks between different Native American populations. This research is funded by the Ohio History Connection, formerly known as the Ohio Historical Society.

Biomimicry research has real life implications for Japanese visitors

The emerging science of biomimicry continues to grow and flourish at UA! Biomimicry involves copying nature to solve human problems, especially with regards to engineering and innovation. Examples include studying the engineering principles involved in bird nests, and using black widow venom for advancements in pain relief. Japanese delegates were recently impressed with the research of Dr. Henry Astley, assistant professor of biology. Dr. Astley hopes his robotic snake will will be used in disasters, such as earthquakes (common in Japan), to search for survivors under rubble.

Reality dating television and real life attitudes toward dating

Using a uses and gratifications theory perspective, Dr. Amber Ferris, assistant professor in the Wayne College Department of Speech and Theatre Arts, explored how gender, perceived realism, romanticism, and reality dating show viewing motives relate to three dating stereotypes: men are sex-driven, women are sex-objects, and dating is a game.

Technology Transfer Updates

Milken Institute Center for Jobs and Human Capital Concept to Commercialization Report.

In the April 2017 Concept to Commercialization Report: The Best Universities for Technology Transfer, the University of Akron placed 61st in the nation with only the Cleveland Clinic (24th) and The Ohio State University (55th) ranking higher from institutes in the State of Ohio. This report draws on data from the nationwide AUTM and finds that:

“American research universities are among the nation’s most powerful engines for domestic economic growth, and funding to sustain their research brings strong returns in the form of new industries, businesses, and jobs. Creating human capital and conducting research, along with its efficiency as measured by output (patents, licenses executed, licensing income, and startups) relative to input (research expenditures), depict the production of good universities delivering on their mission.”

<table>
<thead>
<tr>
<th>Institution</th>
<th>Rank</th>
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</thead>
<tbody>
<tr>
<td>Cleveland Clinic</td>
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<tr>
<td>The Ohio State University</td>
<td>55th</td>
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<tr>
<td>University of Akron</td>
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<td>University of Toledo</td>
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<tr>
<td>University of Cincinnati</td>
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<td>Ohio University</td>
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<td>Case Western Reserve University</td>
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<td>University of Dayton</td>
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<td>Miami University</td>
<td>213th</td>
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<tr>
<td>Kent State University</td>
<td>225th</td>
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</table>

The “Keystone” was found by David Wynick within a small circular enclosure just east of the Octagon Earthworks in Newark on 29 June 1860. (Photo: Ohio Archaeological Council)
Analysis of FY17 Invention Disclosures and Patent Activity FY06 to present

There have been 45 invention disclosures submitted in FY17 through April 2017. Over half of these are in computers, data, sensors & devices and polymer science. All except two of these have been protected with a provisional patent. All are being assessed regarding the technology and potential market.

The funding source of research leading to inventions can affect the ability to commercialize the technology. Industry research agreements usually provide options for exclusive or non-exclusive licenses, with negotiated fees. Agreements often include provision for patent costs to be paid by the research sponsor. Government funding gives the university the right to patent and license, while including government use provisions. Other funding sources typically leave patent rights under university control and responsibility. Regardless of research funding, by Ohio statute any intellectual property created by State employees or by anyone using state funding or facilities is owned by UA.

A provisional patent application protects an invention for one year. During this time a technology and market assessment is conducted to determine if a non-provisional patent should be filed. Once filed, it takes several years for the claims to be evaluated, revisions to be filed, and a patent to issue.
## U.S. Patents Issued from July 1, 2016 to April 30, 2017
(Sorted by Funding Source & Technology)

<table>
<thead>
<tr>
<th>U.S. Patent</th>
<th>Issue Date</th>
<th>Patent Title</th>
<th>Inventors</th>
<th>College</th>
<th>Technology</th>
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<tbody>
<tr>
<td>9,383,297</td>
<td>7/5/2016</td>
<td>Decalcification Solution with Preservation of RNA</td>
<td>Robin Jaquet and William Landis</td>
<td>CPSPE</td>
<td>Medical</td>
<td>Other</td>
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<tr>
<td>9,395,308</td>
<td>7/19/2016</td>
<td>Apparatus for Quantitative Measurements of Stress Distributions from Mechanoluminescent Materials</td>
<td>Gun Jin Yun</td>
<td>COE</td>
<td>Computers, Data, Sensors and Devices</td>
<td>Other</td>
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<tr>
<td>9,447,253</td>
<td>09/27/2016</td>
<td>High Temperature Shape Memory Polymers</td>
<td>Robert A. Weiss, Ying Shi and Mitra Yoonessi</td>
<td>CPSPE</td>
<td>Advanced Materials</td>
<td>Govt</td>
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<tr>
<td>9,453,120</td>
<td>10/04/2016</td>
<td>Aligned Carbon Nanotube-Polymer Materials, Systems and Methods</td>
<td>Pulickel M. Ajayan and Ali Dhinojwala</td>
<td>CPSPE</td>
<td>Nanotechnology</td>
<td>Govt</td>
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<tr>
<td>9,457,538</td>
<td>10/04/2016</td>
<td>Absorbent Non-woven Fibrous Mats and Process for Preparing Same</td>
<td>Daniel J. Smith and Horst Ring</td>
<td>BCAS</td>
<td>Nanotechnology</td>
<td>Industry</td>
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<tr>
<td>9,468,700</td>
<td>10/18/2016</td>
<td>Wound Dressings with Enhanced Gas Permeation and Other Beneficial Properties</td>
<td>Lu-Kwang Ju, Soroosh Dashtbozorg and Napaporn Vongpanish</td>
<td>COE</td>
<td>Medical</td>
<td>Other</td>
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<tr>
<td>9,474,989</td>
<td>10/25/2016</td>
<td>Mixed Hydrophilic/Hydrophobic Fiber Media for Liquid-Liquid Coalescence</td>
<td>George G. Chase and Prashant S. Kulkarni</td>
<td>COE</td>
<td>Nanotechnology</td>
<td>Industry</td>
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<td>9,478,746</td>
<td>10/25/2016</td>
<td>Electron Donor-Fullerene Conjugated Molecules for Organic Photovoltaic Cells</td>
<td>Xiong Gong, Stephen Z.D. Cheng and Wei Zhang</td>
<td>CPSPE</td>
<td>Advanced Materials</td>
<td>Other</td>
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<tr>
<td>9,476,145</td>
<td>10/25/2016</td>
<td>Flexible Ceramic Fibers and a Process for Making Same</td>
<td>Geroge G. Chase, Woraphon Kataphinan, Darrell H. Reneker and Prathyusha Katta</td>
<td>COE</td>
<td>Nanotechnology</td>
<td>Other</td>
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<td>9,486,555</td>
<td>11/08/2016</td>
<td>Polyhedral Oligomeric Silesquioxane ( POSS)-Based Bioactive Hybrid Glass as a Scaffold for Hard Tissue Engineering</td>
<td>Nita Sahai and Xianfeng Zhou</td>
<td>CPSPE</td>
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<td>9,499,528</td>
<td>11/22/2016</td>
<td>Class of Near Infrared Molecular Probes for Biological Applications</td>
<td>Yi Pang and Junfeng Wang</td>
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<td>UA</td>
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<td>9,511,528</td>
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<td>Fabrication of Nanofibers as Dry Adhesives and Applications of the Same</td>
<td>Shing-Chung (Josh) Wong, Johnny F. Najem and Pei Chen</td>
<td>COE</td>
<td>Advanced Materials</td>
<td>Govt</td>
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<td>9,527,964</td>
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<td>Thermoplastic Elastomers Containing an Oligoepoxide Hard Component</td>
<td>Li Jia, Joseph J Scavuzzo and Joseph P. Kennedy</td>
<td>CPSPE</td>
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<td>9,548,514</td>
<td>01/17/2017</td>
<td>Stretchable, Solvent Free, Completely Amorphous Solid Electrolyte Films</td>
<td>Thein Kyu and Mauricio Echeverri</td>
<td>CPSPE</td>
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<td>9,545,611</td>
<td>01/17/2017</td>
<td>Magnetic Macroinitiators and Magnetically Induced Chain Reactions</td>
<td>Mark Soucek and Kent Miller</td>
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<td>9,562,284</td>
<td>02/07/2017</td>
<td>Materials and Methods for Thermal and Electrical Conductivity</td>
<td>Ali Dhinojwala and Sunny Sethi</td>
<td>CPSPE</td>
<td>Nanotechnology</td>
<td>Govt</td>
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<td>9,587,063</td>
<td>03/07/2017</td>
<td>Generation of Amphiphilic Network with an Ability to Distinguish the Transport of IGG and Insulin for Bioartificial Pancreas Device</td>
<td>Mukerrem Cakmak, Joseph Kennedy, Turgut Nugay and Nihan Nugay</td>
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<td>9,587,067</td>
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<td>Polysobutylenes and Process for Making Same</td>
<td>Joseph Kennedy, Yongmoon Kwon and Subramanyam Ummadisetty</td>
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<td>9,587,069</td>
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<td>Polysobutylene-Based Polyurethanes Containing Organically Modified Montmorillonite</td>
<td>Joseph Kennedy, Nihan Nugay and Turgut Nugay</td>
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<td>9,587,070</td>
<td>03/07/2017</td>
<td>Polymeric Structures Containing Strained Cycloalkyne Functionality for Post-Fabrication Azidealkyne Cycloaddition Functionalization</td>
<td>Matthew L. Becker and Jukuan Zheng</td>
<td>CPSPE</td>
<td>Medical</td>
<td>Other</td>
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<td>9,593,201</td>
<td>03/14/2017</td>
<td>Biodegradable Polymers with Pendant Functional Groups Attached Through Amide Bonds</td>
<td>Abraham Joy, Sachin Gokhale and Ying Xu</td>
<td>CPSPE</td>
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<td>UA</td>
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<td>9,603,560</td>
<td>03/28/2017</td>
<td>Flexible Electrode for Detecting Changes in Temperature, Humidity, and Sodium Ion Concentration in Sweat</td>
<td>Chelsea Monty, Evan Wujcik and Nathaniel Blasdel</td>
<td>COE</td>
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<td>9,603,868</td>
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<td>Polymer Adhesives Comprising a Low Boiling Point Biocompatible Solvent, High Molecular Weight Multi-Arm Star Cyanacrylate-Telehelic Polysobutylene and 2-Octyl Cyanacrylate</td>
<td>Joseph P. Kennedy, Istvan Szanka and Amalia Szanka</td>
<td>CPSPE</td>
<td>Polymer Science</td>
<td>Other</td>
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<td>9,608,554</td>
<td>03/28/2017</td>
<td>D-Q Control System and Method for Controlling a Switched Reluctance Motor</td>
<td>Yilmaz Sozer, Tausif Husain and Ali Y. Elrayyah</td>
<td>COE</td>
<td>Energy</td>
<td>Other</td>
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Mission: Support and engage students to advance and achieve their goals through dynamic opportunities.

The Division of Student Success engages all students in educational, academic support programming, and activities to meet student development needs throughout their college experience.

- Academic Achievement Programs
- Academic Advising and Student Success
- Accessibility
- Akron Experience
- Career Services
- Counseling and Testing Center
- Dean of Students Office
- Learning Communities
- New Student Orientation
- Registrar
- Student Academic Success
- Residence Life and Housing
- Student Conduct and Community Standards
- Student Health Services
- Student Recreation and Wellness Services
- Student Union/Student Life
- Zip Assist

Academic Achievement Programs

On May 24, the Academic Achievement Programs office received exciting news that UA’s Upward Bound Program had been awarded its fully funded grant of $495,593 from the U.S. Department of Education to operate outreach and education programs.

Educational Talent Search (ETS)
- ETS began the 2016-2017 academic year with 93 seniors; two students moved from the Akron area and two have been dismissed due to lack of participation.
- A total of 89 seniors have completed the requirements to graduate with a rigorous curriculum based upon the standards set forth by TRiO regulations.
- For the students who have completed exit interviews (42 as of this date) ACT scores range from a low of 15 to a high of 31 with the average ACT score at 20.
- Of the 42 students who have completed their exit interviews, 21 have chosen to attend The University of Akron.
- Two students have received full scholarships from Dayton Merit. One student is a Strive Toward Excellence Program Firestone Fellow with full tuition for fall 2017, and the other student will receive the UA Innovation Scholarship. Total scholarships for remaining students amount to $278,000 thus far.

Strive Toward Excellence Program
- Middle School Component: Induction Banquet
  - There were 20 students inducted as Firestone Fellows.
  - There were 13 Akron public, charter and private schools represented by principals, vice principals, counselors and teachers.
  - There were two key Bridgestone personnel attending.
  - Total attendance was 142.
- Undergraduate Component
  - Firestone Fellows – 21 students (8 male; 13 female)
Scholarship Awards - **$62,706**
- Platinum (3.5-4.0) – 8 students
- Gold (3.0-3.49) – 1 student
- Silver (2.5-2.9) – 6 students
- Bronze (2.0-2.49) – 6 students

Rankings:
- Sophomores – 8 students (38 percent)
- Juniors – 7 students (33 percent)
- Seniors – 6 students (29 percent)

Retention
- Completed spring semester: 100 percent
- Completed and submitted class schedules for fall 2017: 95 percent

**High School Component Report**
- Mandatory student and parent meeting (March)
- Prospective Undergraduates (STEP high school seniors)
- Attendance:
  - Eighteen students and parents present
  - Students – 12 (73 percent) and parents – 6 (40 percent)
  - Fifteen students are currently eligible for STEP scholarships.
  - Eleven (73 percent) plan to attend The University of Akron.

**Upward Bound Classic (UBC)**
- The 2016-17 academic year component began with 24 seniors in the Upward Bound Classic Program.
- With a rigorous curriculum based upon the standards set forth by the Federal TRiO regulations, 23 seniors have met the requirements to graduate.
- Out of these 24 seniors, **22 (95 percent)** took the ACT with scores ranging from a low of **15** to a **high of 24** with an average of **19**.
- UBC seniors have also decided to attend:
  - Clark Atlanta
  - Kent State University
  - Ohio Dominican
  - Ohio Emergency Medical Technician School
  - Wright State University
  - Stark State College
  - Savannah State
  - University of Toledo

- Six seniors are Strive Toward Excellence Program Firestone Fellows and eligible for **full tuition** for fall 2017, with one receiving the Akron Guarantee attending The University of Akron.

**Upward Bound Math/Science and Pre-Engineering (UBMS)**
- UBMS began the 2016-17 academic year with **16 seniors**.
- For students who have completed exit interviews (11), ACT scores range from a low of 17 to a **high of 28** with an average of **21**.
- Seven of the 11 students who have completed exit interviews will be attending The University of Akron. Seniors are reporting **$190,265** in scholarships awarded thus far.
- Other UBMS seniors will attend Kent State, Stark State, Mercyhurst and the University of Pittsburgh.
- One student has been awarded the Innovation Scholarship, another received the Scholarship for Excellence, and three will receive the Strive Toward Excellence Program, Firestone Fellow **full tuition scholarship** for fall 2017.
- Total scholarship dollars for remaining UBMS seniors amount to **$190,265** thus far.

**Akron Experience (AE)**
- To date, a total of **258** students have been enrolled into an AE course for fall 2017. Total enrollment capacity for active AE sections is 1,265 (710 seats in general sections and 555 seats in sections connected to a learning community).
• Student speakers are being sought for the AE course in Academic Advising, Student Conduct and Community Standards, Financial Literacy, and Bystander Intervention, which will be required in all AE sections.

• Instructors have been identified for all active AE sections set for fall 2017. Individual colleges and departments assisted in identifying instructors for those sections taught in a learning community.

Career Services

• Northeast Ohio Teacher Education Day (NOTED)
  o NOTED was held on April 4 at the John S. Knight Center with a consortium of 11 other colleges and universities in Northeast Ohio. There were 105 hiring officials from school systems in Ohio and other states on site for a job fair that included networking with and interviewing 481 students, of whom approximately half were from The University of Akron. A total of 1,216 interviews were conducted. UA’s Career Services played an important role in organizing this event with assistance from the College of Education.

• Ohio Internship and Co-op Celebration Day
  o In 2014, Governor John Kasich signed into law a bill designating an annual Ohio Internship and Co-op Celebration Day on the second Tuesday of April to increase awareness of internships and their value to students, employers, and the state of Ohio. This year’s event was held on April 11 and included a presentation featuring several hundred internships. Students were given shoe shine kits and lint brushes to help them prepare for interviews.

• Etiquette Dinner
  o Career Services hosted an Etiquette Dinner on April 12 in the Ballrooms of the Student Union. The 189 students who attended had the opportunity to network during a “mocktail” hour with representatives from 10 employers, including The Goodyear Tire and Rubber Company, Westfield Insurance, and Huntington National Bank.
  o During the three-course dinner, Career Services presented information regarding basic table manners, restaurant etiquette during an interview or business meeting, social media, professional correspondence, and business dress. Members of the Greek honorary societies served as models during a style show on appropriate dress.
  o President Wilson shared warm remarks that encouraged the students to seek opportunities to help them become well prepared for their careers. The photo on the right shows students networking with employers prior to being seated for dinner.

• Sophomore Celebration Day / Careers in Arts and Sciences Workshops
  o To help promote retention, Career Services joined forces with Academic Advising, ZipAssist and Study Abroad at the “Careers and Majors Discovery Zone” event on April 18. Over 200 students visited with Career Services to discuss internship and co-op opportunities and explore majors with Academic Advisors by taking a “Minute Major Quiz.” “Sophomore Smoothies” were happily received by sophomores. Career Services offered a series of six workshops for specific majors all week that featured “Careers in Arts and Sciences.”
• **Senior Week**
  - In support of Senior Week, held during the first week of May, students were able to visit Career Services to have a professional headshot taken for social media, have their resume reviewed, and participate in a mock interview. There were also two “Campus to Career” and two “Co-op and Internship” workshops to help students transition to the workplace. During the summer, key workshops will be recorded and made available online for students.

• **Summary of Connections**
  - Students exploring careers with online assessment tool, Focus2: 3,281
  - Student appointments (656 walk-ins): 1,717
  - Mock interviews: 304
  - Resume reviews: 2,288
  - Students using Handshake (job board): 8,739

• **Employer Connections**
  - Employers using Handshake (job board): 5,961
  - Job postings on Handshake (full time and part time): 8,206
  - Internship/co-op job postings on Handshake: 2,240
  - Employers attending Career Services’ events (job fairs, networking, Etiquette Dinner): 481
  - Other employer recruiting events on campus (recruitment tables, “Employer Office Hours,” on-campus interview days): 171

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**Counseling and Testing Center (CTC)**

- Dr. Sara Rieder Bennett, assistant director Testing and Counseling, was elected editor of the Journal for the National College Testing Association.

- CTC participated in the spring 2017 Husein-Untermahrer Service Event, at which staff packed over 5,000 meals and were available to talk to any students seeking support.

- CTC collaborated with the School of Music on its April 28th spring concert. The conductor, Dr. Marie Bucoy-Calavan, brought in a composer who developed a specially commissioned piece titled “Renewal” to address suicide prevention. Between performances by the UA Chamber and Concert Choirs, Dr. Juanita Martin, executive director of Counseling and Accessibility, read heartfelt testimonials from students who had been helped at the UA Counseling and Testing Center. The entire concert encouraged people to courageously address mental health concerns and seek help.

- As part of Taking Care Week, CTC held a number of support groups. Another highlight during this week was President Wilson partaking in the making of stress balls!
Dean of Students Office

- **Coalition Against Sexual Assault (CASA)**
  - CASA, a registered student organization on campus, was recognized by Omicron Delta Kappa with the Rupert Latture Memorial Award at The University of Akron LIFE Awards. This award recognizes strength and leadership within newly founded student organizations.

- **Sexual Assault and Violence Education (SAVE) Sexual Assault Awareness Month (SAAM) Initiative**
  - **Sexual Assault Awareness Month:**
    - The SAVE team planned and coordinated 23 programs, events and initiatives during April. The theme “Engaging New Voices” guided programs and activities. Over 2,000 students participated in programs and activities throughout the month of April. Highlights from Sexual Assault Awareness Month programs included the following:
      - On April 3, over 200 students participated in the “Take Back the Night” rally following the keynote speech by sexual assault survivor Mike Pistorino.
      - A total of 802 students participated in SAVE team assessment and evaluation efforts to better understand the prevalence of sexual violence, how to prevent sexual violence, and the quality of violence prevention programs.
    - One initiative underscored the importance of the SAVE Team and its work during Sexual Assault Awareness Month. Ohio Department of Higher Education **Chancellor John Carey** visited The University of Akron SAVE team meeting on April 13. The meeting helped the SAVE Team to refocus and identify the importance of its work and share in discussion and through presentation its journey with Chancellor Carey as well as President Wilson, who also attended the meeting. While on campus, Chancellor Carey also hosted a roundtable discussion with student leaders involved in sexual violence prevention programs at The University of Akron and its sister institutions in Northeast Ohio.

  - **SAVE Assessment Initiatives**
    - The SAVE assessment team completed data collection as part of two assessment initiatives coordinated by the Dean of Students Office. The data will be reviewed by the team, which will develop associated findings. The team anticipates disseminating findings and data in August 2017.
      - **Twenty-one men participated** in three SAVE team **focus groups** designed to assess factors that influence men’s participation in sexual violence prevention programs. Focus groups were comprised of members of the Interfraternity Council, cadets in the Reserve Officer Training Course, and various student leaders.
      - **A total of 767 students responded** to the SAVE team’s annual benchmarking survey. The 13-question survey is part of The University of Akron’s effort to participate in the Ohio Department of Higher Education Changing Campus Culture initiative. Questions addressed sexual violence prevention training, knowledge and confidence in UA’s procedures to respond to incidents, and the prevalence of various forms of sexual violence at UA.

- **Crisis Assessment Referral Evaluation (CARE) Team**
  - A total of 141 incidents were referred to The University of Akron’s CARE team during the 2016-2017 academic year. When the University CARE team receives a referral, a member of the team: verifies the receipt of the referral by contacting the student, faculty or staff member who submitted the referral; makes contact with the referred student(s) and verifies their physical safety; speaks or meets with the student(s) when possible; discusses progress at the CARE meetings; and coordinates ongoing support.
• **Title IX**
  - During the 2016-2017 academic year, 114 Title IX incidents were reported to the deputy Title IX coordinator for students. Title IX referrals include reports of sexual harassment, dating violence, domestic violence, stalking, sexual assault or other forms of discrimination based on sex or gender. When a student is referred for a Title IX incident, the deputy Title IX coordinator reaches out to and requests that the student complete a Title IX interview. Interim measures of support are made available to the student, the incident is reviewed, and a decision is made to refer the incident for a formal investigation when available information supports additional inquiry.

**Learning Communities / Akron Experience**

• **Learning Communities**
  - For fall 2016, 33 Learning Communities with 480 students were actively enrolled after census day.
  - For fall 2017, 51 Learning Community offerings are available for incoming students with a total capacity of 1,149. Of these, 11 Learning Communities will be new offerings for the upcoming fall semester.
  - To date, a total of 218 students are enrolled in a Learning Community for fall 2017. Of those students who attended New Student Orientation during spring break, 29.6 percent are participating in a Learning Community opportunity. Currently, the program is 18.8 percent filled. Recruitment and enrollment will pick up with summer orientation programs.

**New Student Orientation (NSO)**

• **Claire DeBruin**, a current orientation leader for the summer, received the Outstanding Freshman Award at the LIFE Awards ceremony.

• **2017 Summer Preview (exclusive of spring break):**
  - Freshman programs – 31 offered
  - Transfer programs – 16 offered
  - Veteran/adult programs – 9 offered
  - Honors programs – 14 offered
  - ADVANCE programs – 4 offered
  - College Credit Plus programs – 18 offered
  - Late programs – 4 offered
  - Wayne to main program – 1 offered
  - Out of state program – 1 offered
  - Phone appointments
  - Individual appointments

• **Confirmation/NSO Scheduled**

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<tr>
<td>Confirmed / NSO Scheduled in 2015/16</td>
<td>1,107</td>
<td>1,723</td>
<td>1,928</td>
<td>2,106</td>
<td>2,245</td>
<td>2,376</td>
<td>2,585</td>
<td>2,821</td>
<td>2,961</td>
<td>3,352</td>
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<td>1,248</td>
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<td>1,600</td>
<td>1,761</td>
<td>1,923</td>
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<td>2,152</td>
<td>2,267</td>
<td>2,442</td>
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<td>35</td>
<td>41</td>
<td>42</td>
<td>83</td>
<td>100</td>
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<td>196</td>
<td>238</td>
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<td>49</td>
<td>55</td>
<td>66</td>
<td>79</td>
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<td>94</td>
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<td>147</td>
<td>190</td>
<td>226</td>
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• **Placement Testing**
  - To date, 2,839 new students (those students who have paid the confirmation fee and have received an orientation date) have been screened for placement testing. Of those, 1,557 (54.8 percent) students are required to take one or more placement tests for either math, writing, reading and/or computer literacy.
Office of Accessibility (OA)

• Placement Testing Procedure:
  o The Office of Accessibility started a new online process and procedure for students to receive accommodations for placement testing. After a student fills out the form, the form and documentation are reviewed, and eligible accommodations are determined. At that point, the Computer Based Testing and Evaluation Department is sent an approved accommodation letter, whereby it will allow appropriate time accommodations on tests.

• Spring Visit Day:
  o OA participated in Spring Visit Day and spoke with students and parents about the different services and accommodations that are offered in OA and the registration process. Many of the students were juniors who are in the process of visiting colleges and making decisions on where they would like to attend school.

### Summary of Services

<table>
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<tr>
<th></th>
<th>Current Numbers</th>
<th>Previous Year Total</th>
<th>Percentage Change</th>
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<tbody>
<tr>
<td>Number of active students</td>
<td>1674</td>
<td>1401</td>
<td>+19.48%</td>
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<tr>
<td>Current number of students who requested accommodations for spring 2017</td>
<td>443</td>
<td>462</td>
<td>-4.1%</td>
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<tr>
<td>Number of requested accommodations for spring 2017</td>
<td>1804</td>
<td>2015</td>
<td>-10.5%</td>
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<tr>
<td>Number of courses for which accommodations were requested for spring 2017</td>
<td>1347</td>
<td>1441</td>
<td>-6.5%</td>
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<td>Number of students who requested the use of a note taker for spring 2017</td>
<td>88</td>
<td>102</td>
<td>-13.7%</td>
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<tr>
<td>Number of courses where a note taker is assigned for spring 2017</td>
<td>243</td>
<td>288</td>
<td>-15.6%</td>
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<tr>
<td>Number of note takers assigned for spring 2017</td>
<td>202</td>
<td>219</td>
<td>-7.8%</td>
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<tr>
<td>Number of students who requested the use of a transcriber and/or interpreter for spring 2017</td>
<td>11</td>
<td>11</td>
<td>No change</td>
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<td>Number of courses for which a transcriber and/or interpreter is currently assigned for spring 2017</td>
<td>38</td>
<td>38</td>
<td>No change</td>
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<tr>
<td>Number of classroom relocations/lock-ins for spring 2017</td>
<td>139</td>
<td>105</td>
<td>+33%</td>
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<td>Number of requests for special furniture in classes for spring 2017</td>
<td>71</td>
<td>80</td>
<td>-13%</td>
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<tr>
<td>Number of minutes of video captioning for spring 2017</td>
<td>52</td>
<td>0</td>
<td>+100%</td>
</tr>
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</table>

Residence Life and Housing

• Cleveland Monsters Outing:
  o On April 14 the Living-Learning Communities (LLC) held a bus trip to the Cleveland Monsters hockey match. Prior to the game, LLC students were able to meet with various professionals from the Cleveland Monsters organization to learn about different career areas.
  o Since August 28, 2016, there have been 45 LLC programs with a combined attendance of 1,181 students.
Co-curricular Programs and Activities

- Highlights from the spring 2017 semester include the following:
  - The National Residence Hall Honorary (NRHH) initiation was held on April 7 with 17 students and three honorary members being initiated.
  - The annual Emerging Leaders Graduation was held in Quaker Square.
  - The annual Sigma Lambda initiation was held on April 28 in Quaker Square.
- Since July 1, 2016, there have been 142 programs with a combined attendance of 23,689 students.

Student Academic Success

Academic Advising and Student Success

- Second semester freshmen are scheduling their required career development appointments with academic advisers. Students are asked to complete the Focus 2 Career Assessment Prior to the meeting. During the appointment, the student and advisor review the results of the assessment and discuss career options and relevant majors.

Student Health Services (SHS)

- SHS finalized a collaborative practice agreement with Unity Health Network that will include the utilization of its electronic medical records (EMR). Site visits involving a meet-and-greet with the new collaborating physician, Dr. Rucha Taliwal, took place in March. The “go live” date for the EMR is July 5.

Student Life/Student Union

Leadership Programming

- LeadAkron
  - The third year of the LeadAkron Certificate Program concluded with 35 students completing the program. Of these participants, 20 students completed the first year of the program, 12 the second year, and three completed the third year of the program. In total, these students dedicated 1,547.5 service hours to the community and took part in over 120 University sponsored programs.
  - Currently, there are 38 students selected to participate in one of the three tiers of the program in 2017-2018.
- serveAkron – Year-long Impact
  - During the 2016-2017 academic year, 2,717 student volunteers dedicated more than 5,380 service hours to the community. Volunteers served at more than 60 local non-profits, and the campus community donated more than $8,380 to area agencies.
  - The campus community celebrated National Volunteer Week from April 24-29. During this week of recognition and celebration, students were able to volunteer with nine local agencies both on campus and in the community. Collectively, 412 students took part in programs ranging from a volunteer fair to dog toy making and hands-on service with five non-profits.
Campus Programs

• LIFE Awards
  o The annual campus-wide recognition award ceremony, LIFE (Legacy, Integrity, Fellowship, and Excellence) Awards, were held in April to celebrate the accomplishments of students and organizations on campus. Approximately 250 individuals attended the event, and guests enjoyed a welcome from President Wilson, performances by two campus a cappella groups, and accolades shared on behalf of students and staff for over 30 campus awards and honors.

• Senior Week
  o During a week-long recognition of graduating seniors, 382 students took part in events tailored to this celebratory time. With collaborations from the Office of Alumni, University Marketing and Communications, Career Services, and PNC Bank, students attended an evening at the Winery at Wolf Creek, happy hour at Thirsty Dog Brewing Company, and the RubberDucks baseball game. Additional programs that were available to students included financial advice from PNC Bank, grad cap decorating, professional headshots, and resume reviews.

• SpringFest
  o The eighth-annual, end-of-year SpringFest celebration took place on May 5 in the Student Union and InfoCision Stadium. The event featured games and attractions, novelty items, food trucks, fireworks, and musical entertainment. Over 6,020 UA students, faculty, and staff attended the event held within the Student Union, and over 3,000 attendees enjoyed the main performer, A$AP Ferg. The event sponsors included Student Life Undergraduate Student Government; Zips Programming Network; and Auxiliary Enterprises including Dining Services, Athletics, Parking & Transportation Services, and Printing Services.

Student Involvement

• Registered Student Organizations
  o During the 2016-2017 academic year, more than 12,000 students were involved in over 340 registered organizations on campus. Throughout the year, 34 new student organizations completed the recognition process and established on campus. Examples of new organizations include: Club Softball, Saudi Students Association, Hammock City, HAKron, Pre-Law, and International Student Support Group. In addition, 1,311 student leaders, representing 91 unique organizations, traveled on behalf of their group and the University to conferences, workshops, or volunteer experiences.

Fraternity and Sorority Life (FSL)

• Songfest
  o The 84th Songfest, themed “A Night on Broadway,” took place on April 23 at E. J. Thomas Hall. Of the 20 fraternity and sorority chapters, 12 participated in the event with over 200 students performing. The award winners were: First Place Sorority, Alpha Delta Pi performing Hairspray; First Place Fraternity, Phi Delta Theta performing Annie; and the First Place Combined Act, Delta Zeta and Phi Kappa Psi performing Aladdin. Over 700 students and guests attended Songfest, including President Wilson, Dr. John Messina, UA alumni, and Camp Quality families. The FSL Community raised $4,760 for Camp Quality Ohio, taking its five-year donation total to over $36,000.
• **Greek Leadership Program**
  o The first class of the Greek Leadership Program held its celebration on May 1, when 13 first-year members of the community were recognized for finishing the program. The program covered general leadership, communication styles, situational leadership, leading by example and leaving a legacy. Overall feedback from the participants was positive. This shared program was created and facilitated by the Panhellenic Council, Interfraternity Council and the Office of Fraternity and Sorority Life and will run again in spring 2018.

• **Membership Numbers Increase**
  o The fraternity and sorority community ended the academic year with 850 members, which is a 7 percent increase from spring 2017. The most notable increase in membership occurred in the Interfraternity Council community, which ended the semester with 444 members, the most since spring 2014. The Panhellenic Council (PHC) community maintained its spring membership numbers from last year as they followed national requirements to seek membership parity in all chapters, which resulted in smaller chapter totals. This allowed the new chapter, Delta Zeta, to almost reach chapter total of 65 with 59 members. All other chapters were at or above chapter total, bringing the PHC community to 399 members. The National Panhellenic Council (NPHC) community has one recognized student organization with seven members. There are three NPHC organizations that are working on becoming registered student organizations for the fall.

**Student Union Game Room**
• This recreational space in the Student Union hosted over 48,000 students and guests this academic year. The Student Union Game Room held its Annual Men's and Women's Bowling and Billiards Championships during the month of April. James Fishel was named the 2017 University of Akron Bowling Champion. Nabil Sawan was named the 2017 University of Akron Billiards Champion.

**Undergraduate Student Government**
• Undergraduate Student Government held elections for several positions including president and vice president. Sophomore Taylor Bennington was elected president, and junior Sterling Galehouse was reelected vice president. The inauguration ceremony was held on May 4. During that ceremony sophomore Katie Mills and freshman Brittany Hartman were sworn in as chief justice and executive justice, respectively. From the senate floor, freshman Claire DeBruin and junior Colin Hayes were elected senate chair and vice chair, respectively. Undergraduate Student Government represents the student body on several university governance bodies as well as allocates student fees to student organizations for travel and events.
Student Recreation and Wellness Services (SRWS)

Club Sports
There are currently 36 active clubs with 1,959 participants.

- Zips Rifle Club – National Champions
  - 2017 marks the third year Zips Rifle Club has made an appearance at the NRA Intercollegiate Rifle Club National Championships held in Fort Benning, Georgia. The Zips Rifle Club is a Club Sport student organization within the Department of Student Recreation and Wellness Services. Last year, the Zips placed third overall. This year the Zips were hoping to continue their climb to the top. For the first time ever, Zips Rifle Club is proud to say they are National Champions in both smallbore and air rifle! The Zips were able to overcome wind and weather conditions to bring home the National Championship win for The University of Akron.
    - Sophomore Chris Thomas shot his best prone position score for the season, including a perfect score on his first target. Luke Massie and Liz Bark lead the team in the standing position. The team score placed them in first place to be the new Smallbore National Champion. Additionally, Luke Massie, Liz Bark, and Brandon Meier were all named as members of the Second All Star Team.
    - In Sunday’s air rifle competition, the Zips’ final results showed freshman Liz Bark in second place overall. Backed by teammates Luke Massie, Gabby Pitre, and Brandon Meier, the Zips pulled ahead of Clemson University to win the Air Rifle National Champion title. Liz Bark was named to the First All Star Team, while Luke Massie and Brandon Meier were named to the Second All Star Team.
    - The team was also featured on WKYC Channel 3’s “Biggest Winners.”

- Men’s Lacrosse Club
  - The Men’s Lacrosse team traveled to Lexington, Kentucky for a long awaited appearance in the National College Lacrosse League (NCLL) National Championship tournament. They received a forfeit in the first round with their next opponent being the University of Louisville. In a very close game early on, the Zips couldn’t sustain their lead and fell to Louisville 12-8. Akron finished the season with a 7-4 record.

- Water Week
  - Water week took place in April to promote benefits of water and water conservation. Conservation facts were posted throughout the facility. Nursing students presented on dehydration and its effects. The SRWS student marketing team posted #H20fcourse moments to social media platforms to build awareness of the benefits of water. A “Dive-in movie” was shown in the Leisure Pool. Enhanced water samples were given out by nutrition students. “Water Jeopardy” tested students’ water knowledge.
## UPDATE ON PROJECTS & ACTIVITIES

| **Infrastructure** | New edge switches are being purchased, pending Board approval, to support the continued rollout of wireless and future rollout of Voice Over Internet Protocol.  
| | New radios are being purchased to complete the migration of the campus radio system from analog to digital.  
| | An RFP is being developed to upgrade some of the oldest network cabling and to install additional wired drops to support the wireless network.  
| | Phase 1 of the wireless upgrade is expected to be completed by September 2017. Over 1,700 legacy access points will have been replaced, with an additional 1,000 access points to be deployed in Phase 2 to fill in coverage gaps. |

| **LCCC PeopleSoft Upgrades** | HCM V9.2 Upgrade: Lorain has put this effort on hold while they continue to evaluate an option to migrate to Oracle’s Cloud Solutions in lieu of an upgrade. A decision on this option is expected in late June 2017.  
| | CS V9.2 Upgrade: Lorain is in the planning stages to upgrade their Campus Solutions system to V9.2.  
| | Lorain’s PeopleSoft databases are being migrated to new database appliance hardware. This hardware provides for enhanced performance and recoverability. The migration is scheduled in June 2017. |

| **Admission & Recruiting CRM** | TargetX and Salesforce were selected through an RFP for an admissions and recruiting CRM solution, which includes the capability to manage student applications. Implementation is being led by Admissions with a Phase 1 implementation scheduled to occur in July 2017. |

| **PeopleSoft Academic Advising** | The degree audit system called DARS (u.select) is being replaced by PeopleSoft Academic Advising, which is fully integrated within the PeopleSoft Campus Solutions system. PeopleSoft Academic Advising will provide better service to students along with the ability to streamline business processes related to degree audit functions. |
- **Perceptive Document Imaging System**
  Perceptive is being implemented as a replacement for the Nolij document imaging product, which is at end of life and will no longer be supported in 2018. Perceptive provides improved functionality including an enhanced workflow engine.

- **Business Intelligence & Analytics Replacement System**
  UA will evaluate Business Intelligence & Analytics solutions to replace the Hyperion Interactive Reporting system which is being phased out by Oracle.

  *This RFQ is on hold.*

### COMPLETED PROJECTS & ACTIVITIES

None this reporting period

### TABLED PROJECTS & ACTIVITIES

- **Cloud ERP Evaluation**
  Review of responses to RFPs were completed by the evaluation and selection committee. The decision was made not to migrate to cloud ERP at this time. This decision will be re-evaluated in two to three years once products with fully functional student administration systems are generally released.

### PLANNED PROJECTS & ACTIVITIES

- **Faculty Personal Computer Refresh**
  The University Council IT Committee is working with the Faculty Senate Computing & Communications Technology Committee to provide a recommendation regarding an initiative to replace the personal computers, desktop and laptop, for the full-time faculty. This project would be completed as part of the summer and fall 2017 semester.