*Note: “Student” indicates the number of student hours. “Persons” indicates the estimated number of people served.*

**Activities for Cont. Issues in Sci. PSCI 1131 (EXL), Iriarte‑Gross**

 **Description:**  The professor spent the semester her students through projects

 designed to help young children understand the science behind science. The students were

 enrolled in an experimental‑learning physical science class in the university's Honors College.

 Working in groups of two or three, the college students led fifth‑graders at Murfreesboro City's

 Discovery School through a rotation of seven science experiments Tuesday. "The main thing I

 want this class to do," Iriarte‑Gross said, "is for them to be able to pick up The Wall Street

 Journal and read a story on climate change and be able to understand what they've read. "These

 aren't science majors, but a way for them to understand what they've learned is to teach other

 people about it," the professor said, adding that class discussions have involved ozone

 depletion and natural resources. Prior to leading the children in the experiments, Iriarte‑Gross

 said her students had a lot of work to do. They tested the experiments on their own time, wrote

 proposals detailing why they chose the experiments and what they hoped Discovery students

 would learn. "I had to make sure the science behind the experiments was correct."

 **Department:** 7 (Chemistry)

 **Partners:** Murfreesboro City Schools and Funding Tennessee Experiential Program to Stimulate Competitive

 Research, Knoxville, TN.

 **Persons:** 62

 **# of Students:** 18

 **# of Faculty:**  1

**Adams Place Residents, Lyons**

 **Description:** Monthly during the academic year, University Honors College students become the apples

 of the Adams Place residents’ eyes. Students assist residents, who might have issues

 with Apple computers, laptops, iPhones and iPads, plus Kindles, Nooks and more.

 The residents, all retired but busy with modern technology, appreciate the students’ help. The

 students, nearly all in their late teens or early 20s, enjoy solving technical issues and spending

 time with the older generation — and the feeling is mutual. For the Jan. 28 resumption of the

 collaboration, which included cake and other treats and drinks as a way for Adams Place to

 thank the students and Honors College, more than 20 residential residents sought tech

 assistance from seven students in this generational swap meet.

 The brainchild of Susan Lyons, event coordinator for the Honors College, the technology

 collaboration has been a hit and success since 2014. Lyons rounds up the students;

 Betsy Bonds, activities director at Adams Place has no trouble finding seniors needing

 assistance with their phones, computers and other technology.

 “It’s a great partnership,” Bonds said. “The students love the residents and the residents love the

 students. The residents here are relatively computer‑savvy.”

 **Department:** 51 (Honors College)

 **Persons:** 20

 **# of Students:** 10

 **# of Faculty:** 1

**African American Heritage Society Maury County, Norkunas**

 **Description:** This is original research on topics related to the African American past in Maury County in

 cooperation with the African American Heritage Society of Maury County. We have developed

 materials for twelve online exhibits for AAHSMC. AAHSMC used my students' research to

 successfully apply for historic markers for several local sites. The students' research is being

 used to create an entirely new archive in Maury County that scholars and local historians will use

 into the future. I have also assisted AAHSMC to develop a presentation for a national conference,

 and will present with them in April 2015 at the National Council on Public History annual

 conference in Nashville.

 **Department:** 21 (History)

 **Partners:** Maury County, TN

 The African American Heritage Society of Maury County.

**Aging Health and Development CDFS 4391 (EXL), Bush**

 **Description:** Aging Health and Development is an intergenerational service‑learning course, consisting of

 structured, planned activities which involve meaningful interaction between students and older

 adults. The course is intended to offer students an understanding of the aging process

 particularly in relation to aspects of health and wellness. Students are involved in lectures, one

 on one working with senior citizens, the development of health plans, workshop development,

 and the team approach.

 **Department:** 22 (Human Sciences)

 **Partners:** Stones River Manor Assisted Living and Community Care of Rutherford County

 S**tudent:** 3,472.00

 **# of Students:** 31

 **# of Faculty:** 1

**Alternative Fuel, Ricketts**

 **Description:** MTSU professor and alternative fuels researcher Dr. Cliff Ricketts discovered how to drive 2,600

 miles without using any gasoline. And then the “Discovery Channel Canada” discovered him.

 Freelance video journalists Anthony May and Greg Simmons, who normally work primarily for

 Great American Country and Country Music Television, respectively, were dispatched for a

 documentary that will be broadcast. Discovery Channel Canada producer Diego Garcia

 conducted the interview by telephone with Ricketts. Nationally, CNN, The Associated Press and

 USA Today carried coverage of Ricketts’ trip. Major media markets picking up on the story

 included KABC in Los Angeles, Fox5 in Atlanta, Gannett‑owned properties, Albuquerque and

 Oklahoma City. Fox, ABC, NBC and CBS affiliates around the country aired footage. Newspapers

 and radio stations nationwide provided news accounts. Locally, the journey by Ricketts and his

 seven‑member team of engineers and mechanics was chronicled by virtually all newspapers, TV

 and radio stations.

 **Department:** 3 (Agribusiness and Agriscience)

 **Partners:** An anonymous entreprenuer

 **# of Students:**  3

 **# of Faculty:**  4

 **Revenues:**  480,000

 **Benefit:** (480,000)

**Blackman High School Collegiate Academy, McPhee**

 **Description:** The agreement allows Blackman juniors and seniors who meet eligibility standards to take up to six hours of university courses at no cost to students. Credits will count on high school and college transcripts. The partners will develop and offer select post-secondary courses at Blackman with an eye toward building curriculum options for the Collegiate Academy, a competitive college-preparatory program at the school. MTSU will also make certain programs, activities and resources available to academy students, such as access to its new state-of-the-art, $147 million Science Building, education-abroad programs and participation in campus events and lectures.

**Principles of Management MGMT 3610 (EXL), Gilbert**

 **Description:** Student groups prepare a brochure on one of five bullying topics: mobbing, stalking, cyber

 bullying, corporate bullying, and hazing. In addition, student groups had the option of preparing a

 presentation for student groups (e.g. sororities/fraternities, student government, athletics) on the

 same topic.

 **Department:** 24 (Management and Marketing)

 **Partners:** Nissan Americas

 **Student:**  900.00

 **# of Project:**  2.00

 **Persons:** 1

 **# of Students:**  36

 **# of Faculty:**  1

**Anti‑ bullying Law, Gilbert**

 **Description:** Dr. Jackie Gilbert joined

 forces with like‑minded people across the state and nation to help craft legislation and

 guidelines that will help to promote civility within government agencies.

 Gilbert was part of a group of advocates who helped shape the Healthy Workplace Act, which

 was signed into law in by Gov. Bill Haslam. The legislation grants legal protection to those government agencies that adopt a model policy to combat abusive behavior in the workplace or craft comparable

 guidelines of their own. The law applies to any agency, county, metropolitan government, municipality, or other political subdivision of the state. By enacting the law, Tennessee became the 26th state to introduce the Healthy Workplace Bill and the first to pass it. The national grassroots legislative movement began more than a decade ago to get workplace anti‑ bullying laws passed in every state.

 “Respectful interaction at work is a priority,” said Gilbert, who has incorporated anti‑bullying

 concepts into her teaching. “This law is going to set the stage for providing some guidance for

 what is acceptable and what is not acceptable at work.” Gilbert is a member of Tennessee Healthy Workplace Advocates, which worked toward passage of the bill. She was recently appointed to serve on a workplace civility workgroup that is advising the Tennessee Advisory Commission on Intergovernmental Relations, or TACIR, on developing a model policy for Tennessee’s state and local governments. The legislation requires that a model be in place by March 15, 2015.

 **Department:** 24 (Management and Marketing)

 **Partners:** Tennessee Healthy Workplace. Workplace Bullying Institute. Tennessee Department of Human

 Resources. Tennessee General Assembly. Tennessee State Employees’ Association.

 **# of Students:**  36

 **# of Faculty:**  1

**Archeology Field School, Peres**

 **Description:**  “Part of our mission for the field school and the Rutherford County Archaeology Research

 Project is to educate the public. … People seem really interested in the work that we’re doing.”

 The MTSU Archaeological Field School is the only one in Tennessee currently certified by the

 Register of Professional Archaeologists and is one of 16 in such schools in the United States.

 It’s a part of the newly formed Rutherford County Archaeology Research Project, a

 University‑based research program focusing on the ancient peoples that called Rutherford

 County home between 12,000 and 500 years ago. That span stretches from mankind’s first

 known farming societies to the medieval period, and the latter includes the well‑known

 Mississippian period of the Native American farmers of the southeast.

 Peres noted that Rutherford County has far fewer recorded prehistoric sites — only 275 so far —

 than the 1,300‑plus sites in adjoining Williamson and Davidson counties, meaning there’s great

 potential for discovering more about the area’s prehistory with these digs.

 **Department:** 35 (Sociology and Anthropology)

 **Partners:** Community Citizens

 **Persons:** 2

 **# of Students:** 16

 **# of Faculty:** 2

**Blue Raider Student Athlete Service, Turnham**

 **Description:** ACTIVITIES:

 MEN’S BASKETBALL: Special Kids, Read to Succeed, Journey Home, Oakland Middle Academic

 Pep Rally, Mentoring Weekly at Oakland Middle, Special Kids Basketball Camp, Basketball

 Camp Patterson Park, Special Olympics, Read at Discovery School, Worked with Sexually

 Abused Children, Walk to Cure Diabetes, Fall Festival Franklin Road, Relay for Life

 WOMEN’S BASKETBALL: Cedar Grove Elementary, We Haul MTSU, Read to Succeed, Journey

 Home, BRAA Golf Tournament, Career Day Browns Chapel, Fitness Walk Cane

 WOMEN’S SOCCER: Read to Succeed, Rocket Run, Free Youth Soccer Clinic, Relay for Life,

 Habitat for Humanity, Grace Works, Garrison Creek Clean up, U Got Game, Special Olympics,

 Tutoring Hobgood Elementary

 MEN’S TENNIS: 2 Free Tennis Clinics, Read to Succeed, Campus School Volunteer, Special

 Olympics, Old Fort National Tennis Day, Discovery School

 WOMEN’S TENNIS: 3 Free Tennis Clinic, Read to Succeed, Special Olympics, Free

 BASEBALL: Read to Succeed, MTSU blood Drive, Barfield elementary volunteer, Special

 Olympics

 FOOTBALL: Special Kids, Special Olympics, Camp, Ability, Blood Drive, Discovery School, Read

 to Succeed, Project Help Round Up, Stars Flag football Camp, Camp energy, Clothes Drive, Stop

 Bully Project, Fall Festival

 SOFTBALL: Blood Drive, Read to Succeed, Special Kids, Special Olympics, Scales Elementary,

 Free Clinic, Relay for Life, Diabetes

 **Department:** 53 (Athletics)

 **Partners:** All agencies listed above.

 **Student:** 3,589.50

 **Persons:** 200

 **# of Students:** 226

 **# of Faculty:** 8

**Bonnaroo Festival, Paulson**

 **Description:** MTSU’s College of Mass Communication teamed up with Bonnaroo leaders earlier this year in

 an ongoing partnership that brought the festival officials to campus for

 question‑and‑answer sessions with students and then put MTSU students behind the scenes at

 Bonnaroo in June for multimedia news coverage.

 **Department:** 49 (Mass Communications)

 **Persons:** 80,000

**Camp PRISM, Science & Math Summer Camp, Thomas**

 **Description:** Camp PRISM (Practice in Science and Math) involves lectures, field trips to

 various classrooms on the MTSU campus and local businesses, including Nissan. Paid for by federal funds Murfreesboro City Schools receives, the camp began more than a

 decade ago as a partnership between Murfreesboro City Schools and MTSU.

Camp PRiSM is a collaboration between MTSU and Murfreesboro City Schools. The camp makes use of faculty expertise from the College of Basic and Applied Sciences to increase participants’ knowledge in the areas of mathematics, science and technology. The Murfreesboro City Schools students interact with MTSU students and faculty in inquiry-based learning and independent exploration. The camp, which operates out of Mitchell-Neilson School, meets for two weeks during the summer.

 **Department:** 25 (STEM Center)

 **Partners:** Murfreesboro City Schools

 **Persons:** 28

 **# of Students:**  5

 **# of Faculty:**  5

 **Caring for Adult Clients II Clinical NURS 4340 (EXL), Sauls**

 **Description:** Opportunity for nursing students to integrate didactic and empirical knowledge and skills for

 clients with critical needs into the acute care setting. Understanding of complex, multi‑system

 illness, failure, and trauma in providing nursing care. Twenty hours clinical/lab for duration of

 course. As a culmination project, each student chooses one patient, prepares a case study

 related to that patient using PowerPoint and presents the case to peers and course faculty on

 Grand Rounds Day.

 **Department:** 20 (Health and Human Performance)

 **Student:**  4,758.00

 **# of Students:**  60

 **# of Faculty:**  7

 **Caring for Adults I Clinical NURS 3540 (EXL), Sauls**

 **Description:** Applying the nursing process in a clinical setting with the adult client experiencing acute and

 chronic health deviations. Twenty hours clinical/lab per week for duration of course. The

 culminating project is a written Research Case Study in APA format. One patient is chosen by

 the student to demonstrate the application of practice guidelines and nursing research to clinical

 care. Current nursing research and evidence based practice guidelines are explored to support

 the care delivered to the patient utilizing the nursing process. In the final section, the student

 evaluates the role of the nurse in the care delivered.

 **Department:** 28 (Nursing)

  **Partners**: St. Thomas Rutherford Hospital. Physicians Pavilion (Smyrna) . TN Radiation Oncology. Middle Tennessee Ambulatory Surgery Center.

 **Student:**  6,840.00

 **# of Project:**  4.00

 **# of Students:**  57

 **# of Faculty:**  1

**Caring for Children and Teen Clients NURS 4350 (EXL), Sauls**

 **Description:** Incorporates the nursing process and critical thinking skills into the professional nursing care of

 children, adolescents, and their families. Explores the principles of growth and development and

 family‑centered care. The project, Scholarly Pediatric Case Study, requires students to compare

 an actual experience with the evidence available in the literature. In addition, the student must

 include a reflective component that articulates the personal impact of this experience. Students

 are required to formulate a game and/or poster that is used to educate patients and families

 about different disease processes, hospital procedures or safety issues. Each game/poster is

 intended to be used by a certain age group in the clinical setting.

 **Department:** 28 (Nursing)

 **Student:**  2,360.00

 **# of Project:**  13.00

 **# of Students:**  59

 **# of Faculty:**  1

**Caring for Vulnerable Aggregate NURS 4560 (EXL), Sauls**

 **Description:** Emphasis is on clients in the community and in in‑patient psychiatric facilities. Sixteen hours clinical/lab per week for duration of class. In addition, each student completes 2 projects: 1) volunteer to do a health promotional activity within the community. Examples of these health promotion activities include volunteering at a local health fair (performing BP checks, medication discussion, and giving information; participating in fund raising and awareness walks and teaching skills such as hand washing, importance of safety gear when bicycling and nutritional choices; 2) Perform an intensive health assessment with a community family using health assessments and choices of Depression Scale, Marriage Assessment plus many other forms. After the assessment the

 student determines area of the family life requiring some intervention, information is obtained

 and the second visit includes the teaching and reassessing of the family. The 2 visits are in 2

 hour blocks with approximately 4 more hours of obtaining the information for assessments and

 teaching interventions. This also includes an assessment of the community around the home of

 the family. Finally, the student self‑reflects on the importance of the activity and the value of being

 a community volunteer.

 **Department:** 28 (Nursing)

 **Student:**  3,285.00

 **# of Project:**  2.00

 **# of Students:**  73

 **# of Faculty:**  3

**Chemistry Department Seminar, Chusuei**

 **Description:** Dr. Charles C. Chusuei and his student researchers have been developing a technology

 that could transform patient care in emergency rooms and health centers throughout the world. It

 involves the detection of something one can find in a bottle of in almost every home—hydrogen

 peroxide. It turns out that bubbling stalwart of home‑based health care is also a natural byproduct of the biochemistry of all living organisms. The ability to monitor hydrogen peroxide on a molecular level has a host of practical applications in fields as diverse as health care (early cancer detection) and food service (spoilage detection). As a result, researchers have developed a variety of nanotech‑based sensors. For the most part, those technologies have used sensors dependent on precious metals like gold. In an effort to establish a cheaper bio-sensing material, Chusuei turned to zinc. An earth‑rich element, zinc is much more abundant, and therefore cheaper, than the precious set.

 The real‑world potential of the research has Chusuei and his students excited. The cheaper the

 materials, the more widespread the possible applications of the technology. Seminars open to the public at large are given on various topics related to Chemistry and Biochemistry. Presenters include scientists, engineers, researchers and educators fields related to Chemistry and/or Biochemistry.

 **Department:** 7 (Chemistry)

**Civil Air Patrol, Ferrara**

 **Description:** Middle Tennessee State University and Civil Air Patrol’s Tennessee Wing partnered in

 aerospace education for state high school students in the U.S. Air Force auxiliary’s cadet

 program. The agreement puts into play the educational resources of the university’s Department of

 Aerospace and College of Basic and Applied Sciences to engage cadets in science and

 technology pursuits.

 **Department:** 2 (Aerospace)

 **Partners:** United States Air Force: Civil Air Patrol's Tennessee Wing

**Concrete Management, Brown**

 **Description:** In keeping with its reputation for growing with a changing world, Middle Tennessee State

 University is home of the Concrete Industry Management (CIM) Department. The

 department is a joint initiative between MTSU and leaders from the concrete industry. It provides

 students the opportunity to enter a broad field that has an urgent need for professionals with the

 skills to meet the growing demands of a progressive, changing industry.

 MTSU Concrete Industry Management was one of only 16 universities to receive the ACI Excellent

 University Award. The ACI Award for University Student Activities was initiated to

 recognize universities that have participated in ACI‑related activities.

 **Department:** 10 (Concrete Industry Management)

 **Partners:** Metro Nashville Public Schools

 **# of Students:**  40

 **# of Faculty:**  6

**Confucius Institute**

 **Description:** The Confucius Institute is named after Confucius (551‑478 B.C.), whose philosophy and

 teaching have influenced China and other East Asian countries for over 2500 years. The

 Confucius Institute at Middle Tennessee State University was established in partnership with

 Hangzhou Normal University of China, with the sponsorship and authorization of the Office of

 Chinese Language Council International (Hanban), under the Ministry of Education, China.

 The mission of the Confucius Institute at Middle Tennessee State University (CIMTSU) is to

 enhance the understanding of Chinese language and culture, facilitate engagement with China

 and create opportunities for exchange and collaboration between communities in Tennessee

 and China. The Institute seeks to become a hub for China‑related activities and a resource

 center for Chinese language, history, contemporary society and culture.

 **Department:** 37 (Academic Affairs)

 **Partners:** Hangzhou Normal University, China.

 Chinese Language Council International – Ministry of Education, China.

**Contemporary Issues in Science PSCI 1130 (EXL), Gross**

 **Description:** Students complete series of laboratory activities and an individual energy audit that will provide

 them with an estimate of their carbon footprint. They then use this knowledge to calculate a

 carbon footprint for the driving tour of the Trail of Tears in Rutherford County. They investigate

 tour routes and distances to determine the most energy efficient paths for the driving tour using

 today's energy prices. Students conduct research using MTSU library and various energy related

 websites such as the Environmental Protection Agency, U. S. Dept. of Energy, and Tennessee

 Valley Authority.

 **Department:** 43 (Basic and Applied Sciences)

 **Student:** 306.00

 **# of Project:** 18.00

 **# of Students:** 18

 **# of Faculty:** 1

**Crime Scene Investigations, Berryman**

 **Description:** Middle Tennessee State University's Forensic Anthropology Search and Recovery Team helps with the work of removing and examining the human remains. (Example: Officials said it could be weeks before a body found outside of Arnold Air Force Base in Tullahoma on Monday is identified. Police said the remains were definitely human and have been there for quite some time. Tuesday, police navigated the rough and rugged search area. "It's in a very remote, hard and difficult terrain to navigate through," said Manchester Asst. Police Chief Adam Floied. The skull was first discovered by two squirrel hunters on a wildlife management area of the base in Coffee County. Police believe the other remains are in the area, but have likely been scattered by animals. Middle Tennessee State University's Forensic Anthropology Search and Recovery Team is helping with the work of removing the human remains. "This is going to be a long process," Floied said. "It could be one day, it could be two or three days." Some wonder if the remains could belong to Paul Massicotte, who went missing nearly three and a half years. Authorities pinged his cell phone to the area, but came up with nothing. "We want to bring closure to whoever this family is, and we're not speculating until we positively ID it," Floied said. "These remains belong to someone, and there is a family in distress over a missing loved one." Investigators have sent a DNA profile sample to a lab in Texas. They hope to have the results and identification in about 10 days. The Tennessee Highway Patrol and Arnold Air Force Base are assisting with the investigation. The TBI has also been consulted, but is not actively involved.)

 **Department:** 35 (Sociology and Anthropology)

 **Partners:** Tennessee Bureau of Investigation.

**Dale Carnegie, Urban**

 **Description:** MTSU’s Jones College entered an exclusive partnership with Dale Carnegie Training, the

 internationally recognized professional development training organization, to embed “soft skills”

 training within the university’s curriculum. The result: All Jones College graduate and

 undergraduate students will have taken such a course for credit before obtaining their degree.

 “Even in the 21st century, business is still about people,” Urban said. “A person might have the

 manual dexterity to transmit text via a smart phone within a few seconds to anyone on the planet.

 But if that person expects to be successful in business, success is all about relationships with

 customers, clients, and colleagues.”

 MTSU’s partnership with Dale Carnegie Training of Tennessee to provide for‑credit training

 courses will not be duplicated at any other university in Tennessee, Urban noted, and in fact will

 be unique across the entire country.

 “For years, the Dale Carnegie Course has had an enormous impact on the business community

 in Tennessee. Through this partnership and Dean Urban’s vision, we will work to develop the

 skills of the MTSU student body,” said Allyn Walker, the president of the Dale Carnegie Training

 office in Tennessee.

 **Department:** 45 (Business)

 **Partners:** Dale Carnegie Training of Tennessee

 **# of Students:**  20

 **# of Faculty:**  5

**Emergency Communication Center, Huddleston, Nokes, Pittard**

 **Description:** Middle Tennessee State University provided expertise and resources to aid the creation of an

 emergency communications center that the state of Tennessee could use to inform the public

 and media during a state or local disaster or crisis. The Tennessee Emergency Management

 Agency unveiled the Multi‑Agency Joint Information Center, or MAJIC, during the kickoff National

 Preparedness Month at the Tennessee Department of Military‑TEMA headquarters on Sidco

 Drive in Nashville.

 **Department:** 14 (Electronic Media Communication and College of Education)

 **Partners:** Tennessee Emergency Management Agency (TEMA. Tennessee Department of Health.

 **Revenues:**  100,000

**Exploring Life, BIOL 1030 (EXL), Sadler**

 **Description:** Students have been involved primarily in an ecological restoration project at two sites in

 collaboration with two partners: the National Park Service at Stones River National Battlefield

 and Murfreesboro City Parks & Recreation. Site one is located at Stones River and site two is

 located at the Overall Street trailhead at Lytle Creek on the Greenway. The class is removing

 exotic invasive pest plants that have completely changed the vegetative composition of the area.

 A third ecological project has been in collaboration with Stones River Watershed; students have

 assisted with planting trees to stabilize the bank next to Garrison Creek.

 Because of the efforts of the classes since 2012, Stones River National Park received an award for outstanding ecological restoration work; a tremendous amount has been accomplished in a short period of time. The landscape in areas that have been restored have already begun to see native plant species occurrences.

 **Department:** 5 (Biology)

 **Student:**  360.00

 **# of Project:**  6.00

 **# of Students:**  113

 **# of Faculty:**  1

**Farmspace, Johnston, Campbell**

 **Description:** Farmspace is a veteran‑owned and led Tennessee company that uses advanced technology to

 provide situational awareness so farmers can see what is going on with their crops. We provide

 unmanned systems to work with other sensor systems to collect crop images and other data on

 plant health for use in prescription programs by variable rate delivery farm equipment.

 (As veterans, we have decades of experience in the use of GIS enabled

 systems and are familiar with integrating varieties of data into a single usable platform. We also

 bring a unique experience of managing risk around you. Many of us either come from, or have

 rural experience in our backgrounds. We know the land.)

 Why are we important? Since the 1990s farmers have been developing "precision agriculture" to gather and analyze data to optimize their land's productivity. Currently, farmers collect data on yield history, soil conditions, and weather information to create maps of their fields, soil structure and chemical properties. These maps allow farmers to determine seed type/amount and the amount of

 fertilizer and pesticide needed in their fields. As an agent of change, we provide opportunities for veterans to return home with jobs in precision agriculture while supporting development in rural areas. Precision agriculture provides the means to meet the seventy percent increase in food production the United States will require by 2050.

 **Department:** 2 (Aerospace)

  **Partners**: Farmspace; 3D Robotics, Inc.

**Freedom Sings, Paulson**

 **Description:** Freedom Sings, the signature program of the First Amendment Center, features prominent

 recording artists playing music that has been banned, censored or has sounded a call for social

 change. It was launched at the Bluebird in 1999 and has toured U.S. college campuses since

 then, supplemented by CDs, a documentary and teachers’ guide.

 **Department:** 49 (Mass Communications)

 **Partners:** Liberty Tree Initiative.

 McCormick Foundation.

 Newseum American Society of News Editors.

 Brechner Center for Freedom of Information.

**Freshman Day of Service, Victory**

 **Description:** Freshman Day of Service made some changes this year to allow more students to participate. It

 was a partnership with United Way of Rutherford and Cannon Counties Hometown Huddle program. Freshman Day of Service promotes volunteerism through a style of speed volunteering. This year, 207 volunteers participated in the joint effort, racking up 621 hours of service and putting together more than 2500 healthy snack packs for local school children. This year’s projects include students putting together healthy snack packs for local school children.

 **Department:** 42 (Student Affairs)

 **Partners:** United Way of Rutherford and Cannon Counties

 **Student:**  1,482.00

 **Faculty/Staf:**  15.00

 **# of Projects:**  2.00

 **Persons:** 3,000

 **# of Students:**  288

 **# of Faculty:**  4

**Fund of Communication COMM 2200 03, 09, 072 (EXL), Kissinger**

 **Description:** Classes are divided into groups of five students. Each of the groups is completing a project that

 connects disability, communication and the arts. The projects vary and there are many options

 from which the students could select to focus. The projects involve activities such as

 interviewing, hosting educational events and creating videos. All projects result in a binder, oral

 presentation and display board (which will go to the Tennessee Communication Association

 conference).

 **Department:** 48 (Liberal Arts)

 **Partners:** VSA Tennessee. Tennessee Department of Education. John F. Kennedy Center.

 **Student:**  990.00

 **# of Projects:**  5.00

 **# of Students:**  99

 **# of Faculty:**  1

**Goat Camp, Vaught**

 **Description:** Youth from across the state bring their own goats and learn more about preparing them for

 competition. Children come from all across the

 state of Tennessee with their goats. Professionals teach them

 about caring for, clipping, grooming, showing — anything they possibly would need to know to be

 successful with their meat goats.”

 **Department:** 3 (Agribusiness and Agriscience)

 **Partners:** Oakland High School; MTSU Block and Bridle Club; UT Extension

 **Persons:** 36

 **# of Faculty:** 3

**Health and Gerontology NURS 3370 (EXL), Sauls**

 **Description:** Course consists of two projects: a group project (3‑5 students) designed to incorporate theory

 regarding genontological practice and an individual project where students interact with a "well"

 elderly person who lives in a community setting. The purpose of this project is to interact with a "well" elderly person who lives in a community setting. The objectives of these interactions are to obtain a health assessment that encompasses the bio‑psychological‑spiritual person, identify risk behaviors or need for health information, and conduct a health teaching project with your client that promotes wellness and reduces risk/risk factors. A secondary objective is to interact with an elderly person to

 hopefully decrease any negative perceptions of the elderly since you will frequently be working

 with the elderly in your work as a nurse. In research studies, new graduates indicate that

 60‑65% of their patients are over 65.

 **Department:** 20 (Health and Human Performance)

 **Student:**  1,120.00

 **# of Students:**  80

 **# of Faculty:**  1

**Health Literacy with Burmese Refugees in Rutherford County, Bates**

 **Description:** The refugees in our community are sometimes overlooked and resources are scarce. Faculty

 and students contribute to the community by providing health literacy training and education

 to Burmese refugees who seek citizenship in the United States. Culturally relevant

 training is provided for the refugees and for MTSU faculty and students

 **Department:** 20 (Health and Human Performance)

 **Partners:** Community Servants Agency. St. Thomas Health Services Outreach. Rutherford County Public

 Health. MTSU Public Service Grant.

 **Persons:** 50

 **# of Students:**  25

 **# of Faculty:**  1

 **Revenues:**  1,920

**Human Osteology, ANTH 4300 (EXL), Hodge**

 **Description:** As a pro bono service for the Tennessee Division of Archaeology, students complete skeletal

 inventories of human skeletal remains from archaeological sites in Middle Tennessee.

 **Department:** 48 (Liberal Arts)

 **Baseline/Goal:** Students completed skeletal inventories of 25 sets of human remains, as a pro bono project on

 behalf of the Tennessee Department of Environment and Conservation, Division of Archaeology,

 and the Tennessee State Archaeologist, Mr. Mike Moore. Each set of remains was inventoried

 more than once to control for inter-observer error.

 **Student:**  308.00

 **# of Projects:**  7.00

 **# of Students:**  8

 **# of Faculty:**  2

**Literacy in Early Childhood ECE 4375 (EXL), Cornett**

 **Description:** Practicum placement encompassing the focus on literacy concepts from birth through grade

 three: 2 hours per week totaling 20 hours. One placement in a federally funded P‑K placement

 2nd placement in a K‑3 grade placement

 Students assisted the classroom teacher with literacy activities and planned and implemented four learning activities: two read-aloud experiences, one writing focus lesson, and one guided reading lesson. Each student participated in 6 tutoring sessions.

 **Department:** 15 (Elementary and Special Education)

 **Student:**  546.00

 **# of Projects:**  5.00

 **# of Students:**  21

 **# of Faculty:**  1

**Mechatronics, Boles**

 **Description:** MTSU’s new Mechatronics Engineering degree program is on the cutting edge of a fast‑growing

 industry. Jobs are waiting for engineers to design and enhance robotics and automated

 systems. The design process of mechatronics combines mechanical, computer, and electrical

 engineering along with systems integration and technical project management. A surgical robot

 is a perfect example of a mechatronic system, performing precision mechanical work under

 sophisticated electronic and sensory control. Unlike traditional programs, MTSU’s mechatronics

 has a systems approach, breaking the whole down into subsystems and then components, so

 that graduates can design products with a system in mind, not just one component. Rutherford

 County auto industry giants Bridgestone, with a mechatronics facility at its LaVergne education

 center, and Nissan are among worldwide and local partners in the program.

 **Department:** 16 (Engineering Technology)

 **Partners:** Shanghai Second Polytechnic University

 National Science Foundation

 **Revenues:**  614,000

**Mexican American War, Frisby**

 **Description:** Three Middle Tennessee State University professors and one U.S. representative want to leave

 no man behind and are working to bring a few of those fallen soldiers home to Tennessee.

 “We’ve only had this ‘no man left behind’ thing since the ’70s,” explained Derek Frisby, faculty

 coordinator, MTSU office of International Education, and professor in the Global Studies

 Program. The notion came about when the U.S. transitioned from a conscription force to an

 all‑volunteer army in 1975, said Frisby, who teaches military, U.S. and Tennessee history at

 MTSU. It started out as part of the U.S. Army Ranger Creed and spread to all four of the Armed

 Forces, he said. “You make a promise to them and they make a promise to you to bring you

 home, no matter what,” said the U.S. Marine veteran, who served in Desert Storm. “That is the

 foundation of the bond between the military and the people who serve.”

 **Department:** 21 (History)

 **Partners:** Armed Forces Medical Examiner. US Representative Jim Cooper.

 **# of Students:** 1

 **# of Faculty:** 3

**MT Sampler Camp, Stubblefield**

 **Description:** Camp helps middle and high school youth learn about various career areas before they enter high school and college. Encourage youth to explore career areas before they enter high school.

 Offer lecture series during Day Camp with speakers from different career areas to assist

 students in major exploration. Allow students to see Majors at MTSU. Students will gain a better understanding of College life and become familiar with campus organizations and events.

 **Department:** 49 (Mass Communications)

 **Partners:** Girl Scout US 152

 **Persons:** 65

 **Students:** 4

 **Faculty:** 10

**MTSU Next Step, Seul**

 **Description:** The transition into college can be a challenging one for all students. For students coming from a

 foster care situation or for those who have been living as independent minors or in homeless

 situations, it can be especially difficult simply because it is hard to know where to begin the

 journey or know who to turn to or trust. That is why Middle Tennessee State University, in

 conjunction with the Department of Children's Services, and the Tennessee Youth Advisory

 Council, created Next Step. Next Step provides additional support for our students coming from

 these difficult situations.

 **Department:** 42 (Student Affairs)

 **Student:**  26.00

 **# of Projects:**  11.00

 **Persons:** 140

 **# of Students:**  120

 **# of Faculty:**  3

**MTSU Student Food Pantry, Seul**

 **Description:** The Student Government

 Association passed legislation to create a pantry, but it did not have a physical location. With the

 UCAC’s facilities, the partnership seemed ideal. Any active, currently enrolled student can come

 and access the food pantry. However, the focus is on homeless students and students who

 have just emerged from foster care, especially those who lack the necessary support to make it

 on their own. The pantry is now located in the MT One Stop and have been accessed over 1500 times by our students. Students from Central Magnet School's Beta Club presented record one-time donations of nonperishable food and money to the MTSU Student Food Pantry following a recent food drive. In just a week, Central students collected 7,000-plus cans of food and raised $2,600 to help the pantry restock its shelves. On Thursday afternoon (Jan. 29), MTSU staff brought a truck to pick up the donations from the grade 6-12 magnet school, which is operated by Rutherford County Schools and located on East Main Street, a few blocks west of the MTSU campus.

 **Department:** 42 (Student Affairs)

 **Partners:** Greenhouse Ministries. Murfreesboro Housing Authority. Lambda Sigma, the freshman

 honors fraternity. Generation Next, the living‑learning community of first‑generation college

 students living in Cummings Hall.

 **Baseline/Goal:** Provide food for MTSU students in need through the contributions of the MTSU community. No

 student goes hungry.

 **Persons:** 100+

 **Multinational Org. ORCO 4200 (EXL), McCormick**

 **Description:** The students research multinational organizations through the internet and personal interviews.

 Students analyze the communication training needs of the organization and then prepare and

 present an appropriate training program. In order to prepare for the unique training experience,

 the students first conduct and be a participant in a nationally known communication training

 program for a certificate granted by Business and Professional Women (BPW).

 **Department:** 48 (Liberal Arts)

 **Student:** 260.00

 **# of Projects:**  26.00

 **# of Students:**  26

 **# of Faculty:**  1

**Nashville Zoo, Hodge**

 **Description:** Archaeologists exhumed the bodies from near the entrance, took samples to study and reburied

 the skeletons. Scientists determined the remains are likely those of slaves working at

 Grassmere who died between 1830 and 1860. The location of the new slave cemetery, near the

 Grassmere farm home and the family cemetery, is something special, Tennessee State

 Historian Dr. Carroll Van West said. He said it was important to honor the slaves who lived in

 this area as citizens and important members of our history, even though they might not have

 been considered that at one time. "These 20 people, these 20 citizens are no longer on the

 margins," he said. "They are central to who we are and the nation we live in today."

 **Department:** 35 (Sociology and Anthropology)

 **Partners:** Nashville Zoo. TRC Environmental, Nashville.

**NICE, Nashville International Center for Empowerment, Norkunas**

 **Description:** Graduate students in Oral History Fieldwork seminar volunteer with immigrants and/or refugees

 associated with the Nashville International Center for Empowerment in order to build a

 relationship with MTSU's Public History Program, and as a way for them to learn fieldwork

 methods. Several students taught English to immigrants and one student taught driver's

 education. Two of these students continued to teach after the semester ended and wrote to me

 that the relationship they developed with the family they were tutoring was enormously

 meaningful. Six student co‑created oral histories with immigrants and some of the excerpts from

 those interviews will be posted on the NICE website.

 **Department:** 21 (History)

 **Partners:** Nashville International Center for Empowerment.

 **# of Students:**  8

 **# of Faculty:**  1

**Operation Adopt a Hero, student, Stallard**

 **Description:** "This is an opportunity to spread out within the community and help with emergency relief,"

 Stallard said. "With adopt ... you're taking (veterans) in, you're loving them and providing for them

 and offering them the right opportunities in life. ... I want to ... bring back hope and trust within the

 veteran community." Part of the mission of Operation: Adopt a Hero is to connect resources already in place with veterans and their families. "I want Operation: Adopt a Hero to be that backbone, that brotherhood, and be able to promote different resources the community already has," Stallard said.

 But he's also hoping to reach out to families of veterans as well.

 **Department:** 34 (Social Work)

 **Partners:** Blue Raiders American Veteran

**Pathology of Sport Illness and Spec Pop, ATHT 4950 (EXL), Phillips**

 **Description:** Students provide 200 service learning hours with MTSU and Vanderbilt athletics, a physical therapy clinic, general medical clinic, or local high school athletics. present orally and written research projects, and provide clinical reports.

 **Department:** 44 (Behavioral and Health Sciences)

 **Student:**  2,665.00

 **# of Projects:**  26.00

 **# of Students:**  13

 **# of Faculty:**  1

**Pickett Chapel Lebanon TN, Hodge**

 **Description:** Surveyed the archival sources, sampled the archaeology, and explored their potential to address

 more complex questions. Thanks to MTSU archaeology students and volunteers from the

 WCBHC, we’ve figured out that the artifacts are undisturbed and densely distributed across every

 part of the property we could investigate. Artifact analysis is ongoing at MTSU’s Archaeology Lab,

 but it appears that artifact diversity is high with all of the common historic classes present, in

 addition to abundant bone and plant remains. The assemblage is predictably dominated by

 nails, ceramics, and glass and appears to represent the entire site occupation from the early

 19th century to the present. Six features have been discovered so far, including one previously

 unknown structure that is likely contemporaneous with Pickett Chapel. Preservation across the

 site is exceptional, in part due to the fact that the property hasn’t been developed and is capped

 with six inches or more of crushed limestone gravel that once formed a parking lot.

 **Department:** 35 (Sociology and Anthropology)

 **Partners:** Pickett Rucker Chapel Church. Tennessee Department Transportation.

**Professional Seminar CDFS 3390 (EXL), Emery**

 **Description:** Students complete 100 hrs. of field placement in Middle Tennessee social agencies and

 organizations. A few examples of placements are: The Domestic Violence Program, Child

 Advocacy Center, The Discovery Center, The Discovery Center, Stones River Manor,

 Murfreesboro Pregnancy Support Center, CASA, Community Care, and Project HELP. The work

 that the students do is based upon their site audience/clients/residents. They are working with

 children, adolescents, the elderly, and families in a variety of capacities.

 **Department:** 15 (Elementary and Special Education)

 **Student:**  8,250.00

 **# of Projects:**  2.00

 **# of Students:**  55

 **# of Faculty:**  1

**Public Service Internship PS 4290 (EXL), Langenbach**

 **Description:** Students develop an experience based knowledge and apply their knowledge by working in a

 public service organization.

 **Department:** 31 (Political Science)

  **Partners**: Rutherford and Davidson County General Sessions Courts. Domestic Violence Unit of those courts. Gov. Haslam’s office. St. Clair Senior Center. Business Education Partnership Foundation – Rutherford Chamber. Public Defender or Rutherford County. Congressman Marsha Blackburn.

 **Student:**  1,320.00

 **# of Projects:**  10.00

 **# of Students:**  10

 **# of Faculty:**  1

**Raiders' Closet, Hemby**

 **Description:** Faculty in the Business Communication and Entrepreneurship Department at Middle Tennessee

 State University have been teaching Employment Communication in the Business

 Communication course for over 40 years. With each passing year, these instructors have noted

 that students seem to know less and less about professional attire—what is acceptable to wear

 for an interview, for an internship, or for a professional presentation.

 In the course of teaching this class, instructors have questioned students about their

 understanding of professionalism—including attire, attitude, and actions. While the students

 appear to have some grasp of the fundamentals of professional dress, many ultimately ask what

 happens if they cannot afford to purchase a suit. Each year brings an increase in the number of

 students asking this question—not an unusual phenomenon considering the economic climate

 and the rising cost of a college education.

 Due to the economic hardships many students are facing, the Business Communication and

 Entrepreneurship Department faculty created a clothing closet project to help students acquire

 the needed professional attire. We want our MTSU students to be able to put their best

 “nonverbal” foot forward when seeking that internship or that first job post‑graduation. The

 project has been named RAIDERS’ CLOSET to continue our MTSU Blue Raiders theme.

 At Raider’s Closet underprivileged students can receive a suit they need for an interview. They

 are not required to return the suit but encouraged to "pay it forward" and to give back to the Closet

 once they are established in their post‑graduation jobs and careers.

 **Department:** 6 (Business Communication and Entrepreneurship)

**Spring Fed Records, Reish**

 **Description:** The Center for Popular Music at Middle Tennessee State University has acquired the renowned

 Spring Fed Records from the Arts Center of Cannon County.

 The Arts Center has donated the Grammy‑winning label’s name and rights and sold its existing

 inventory to MTSU, said Dr. Greg Reish, the Center for Popular Music’s new director.

 Founded in 2002, Spring Fed Records is devoted to issuing unique and historically significant

 recordings of traditional Southern music, including old‑time country, blues and gospel. Among

 its featured titles are music by Uncle Dave Macon, Sam and Kirk McGee, The Fairfield Four,

 Frazier Moss and Mississippi John Hurt.

 Spring Fed’s compilation of field recordings by pioneering African‑American folklorist John Work

 III won a Grammy for its liner notes by former CPM staffer Bruce Nemerov.

 The label established a strong partnership with MTSU and the Center for Popular Music from its

 inception with contributions from Nemerov, former CPM director Paul Wells and the late Dr.

 Charles Wolfe, a venerated scholar of traditional music.

 **Department:** 33 (Recording Industry)

**Student Journalists in West Tennessee, Alligood**

 **Description:** Journalism students worked at the Chester County Independent Newspaper. The group of

 students, led by MTSU Professor Leon Alligood, spent three weeks off campus and in the field

 writing feature stories for two different weekly papers. Feature stories can be defined as special

 human‑interest stories that aren’t closely related to a news event. James Webb, editor of the paper said the experience was mutually beneficial and he learned a lot from the MTSU group. “In meeting with them, it’s helping me identify stories we’ve been missing,” Webb said. “I can see we are missing stories our readers would want. It’s been very interesting.” The students published stories after only three days in the county and were working on others. “This is my first time really doing anything like this,” said Sinclaire Sparkman, a junior. She said she had finished her general‑education classes and the feature writing class was a great introduction to her major, which is journalism.

 **Department:** 23 (Journalism)

 **# of Students:** 8

 **# of Faculty:** 1

**Aviation Camp, Beckman**

 **Description:** From unmanned aircraft to flying, to maintenance, 30 high school students from across

 Tennessee experienced the various aspects of the profession during the MTSU aerospace

 Introduction to Aviation Camp.

 The camp was held both at the Jean A. Jack Flight Operations Center and other MTSU facilities

 at Murfreesboro Airport and in aerospace technology labs in the Business and Aerospace

 Building. The activities included unmanned aircraft systems, pro pilot, flight simulators, maintenance management and the air traffic control and technology laboratories.

 **Department:** 2 (Aerospace)

 **Persons:** 30

 **# of Faculty:**  5

**Bradley & Williamson County Dual Enrollment, McPhee**

 **Description:** An expanded dual enrollment program at Middle Tennessee State University is set to bring a

 wider range of college‑level courses to high school campuses around Middle Tennessee at little

 to no cost to high school students. MTSU will partner with seven Rutherford County high schools

 along with schools in Williamson and Bradley counties to offer dual enrollment courses at high

 schools, on the Murfreesboro campus or online at schools across the state. Students who pass

 receive high school and college credits. A new state policy allowed tuition for the courses to be

 lowered to match the grant amount students can receive for their first two dual enrollment

 classes. Students would also receive a discounted rate for additional college credits they can

 take at the high school level.

 **Department:** 41 (President's Office)

 **Partners:** Bradley County, Williamson County, and Rutherford County Boards of Education.

**Camp STEM, Seivers**

 **Description:** Each year the College of Education hosts elementary school students for Camp STEM, focusing

 on exploration of astronomy, robotics, and geology. MTSU’s MTeach program provides teachers

 for the camp, and participants take field trips to the Mineral, Gem, and Fossil Museum, the

 airport, and other sites.

 **Department:** 46 (Education)

 **Persons:** 50

 **# of Students:**  1

 **# of Faculty:**  6

**China Guangxi University, Mcphee**

 **Description:** Since the launch of a 2012 agreement with Guangxi Botanical Garden of Medicinal Plants in

 China, a group from Middle Tennessee State University has discovered 37 plants that may have

 the potential to treat cancer and other diseases.

 “We want to take the first couple of drugs to clinical trials in the fall,” said Elliot Altman, MTSU

 biology professor and director of the Tennessee Center for Botanical Medicine Research in

 Murfreesboro. The botanical partnership between MTSU and China is a two‑way street. China provides the plants to create a sample, and MTSU examines the pharmaceutical value. Last week in China,

 the groups discussed the plants’ potential ability to heal infections and disease — 13 that could

 kill cancer, nine to fight viral infections and 15 to battle protozoa. Guangxi Botanical Garden, located in Nanning, unveiled a new sign outside its building during the visit to signify the joint research effort. The botanical garden includes more than 7,400 plants, many of which have been used for centuries in traditional Chinese medicine.

 **Department:** 5 (Biology)

 **Partners:** Guangxi Botanical Garden of Medicinal Plants in China

 **# of Students:**  141

**Coding Camp (Gayle Porterfield, David Lockett), Seivers**

 **Description:** The need to expand Camp STEM (science, technology, engineering and math) at MTSU and offer

 more hands‑on opportunities for computer‑savvy youth brought on the first Coding Camp at

 MTSU. Youngsters from Rutherford County and Franklin, Tennessee, are attend the camp. In

 computer programming, coding is the process of designing, writing, testing, troubleshooting and

 maintaining the source code of programs. Utilizing a number of fun programs, with assistance

 from high schoolers who are proficient in computer programming ‑‑ is helping the youngsters

 grow in their knowledge of coding.

 **Department:** 46 (Education)

 **Persons:** 20

 **# of Faculty:**  2

**Communication University of China, Paulson**

 **Description:** This agreement allows selected juniors from China’s top communication university to complete

 their bachelor’s degree studies in Murfreesboro — and then earn a master’s degree from MTSU

 in one year. The agreement is known as a “3+1+1 accelerated graduate program. The pact aligns MTSU’s College of Mass Communication, named by the Radio Television Digital News Association as a Top 20 program in the U.S., with the China Ministry of Education’s top‑ranked institution for

 journalism , communication, film and television, according to the release.

 **Department:** 49 (Mass Communications)

**Great Exuma, Bahamas, McPhee**

 **Description:** A Franklin, Tennessee, couple who founded a network of substance‑abuse treatment clinics has

 funded a special targeted scholarship to allow students from a high school in the Bahamas to

 attend MTSU. Michael and Tina Cartwright, who have a second home in The Bahamas, wanted

 to help students from L. N. Coakley High School in Great Exuma develop expertise through

 higher education that, in turn, would help benefit others on the island of Exuma. The Cartwrights,

 who both attended MTSU, established a $600,000 scholarship fund to cover tuition, housing and

 other expenses for four Coakley students to live and take classes on MTSU’s Murfreesboro

 campus.

 The scholarship will renew after the first group of four honorees graduate from MTSU.

 **Department:** 41 (President's Office)

 **Partners:** Great Exuma, Bahamas.

 Tina and Michael Cartwright

 **Revenues:** 600,000

**Instrumental Analysis Laboratory, CHEM 4231/6231, FSCH 4231, Chong**

 **Description:** This is an ambient air monitoring project that is funded by Environmental Protection Agency for

 three years. Briefly, the analysis of over 400 samples will provide ample learning opportunities

 for students enrolled in the instrumental analysis course in which they would learn the analytical

 instrumentation and principles that are relevant to the analysis of air pollutants.

 **Department:** 7 (Chemistry)

 **Student:**  240.00

 **# of Students:**  12

 **# of Faculty:**  2

**International Love Quit, Kissinger**

 **Description:** An MTSU‑coordinated labor of love, pieced together by a group of international artists and friends

 to celebrate the arts, education and cultural exchanges, is now being spotlighted in Washington,

 D.C. The beautiful handcrafted quilt, comprising 81 specially designed squares contributed by

 38 countries and 36 states, combines talents from Tunisia to Texas into a massive piece of fiber

 art recognizing the abilities and friendships of artists around the world. VSA Tennessee is a

 statewide nonprofit organization that provides resources, tools and opportunities for arts

 programming for people with disabilities. It’s an affiliate of VSA, the international organization on

 arts and disabilities founded by Smith in 1974 and formerly known as Very Special Arts, which

 merged with the John F. Kennedy Center for the Performing Arts in 2011 to expand its services.

 **Department:** 36 (Speech and Theatre)

 **Partners:** VSA‑ Very Special Arts (Tennessee State Organization on Arts and Disabilities. US Department of Civil Rights. US's State Department's Disability Action Group. Arts in Embassies Program.

 Around the World Digital Arts Festival. Dr. Lauren Rudd, MTSU Department of Human Sciences ‑ Textiles.

**Korea, Ulsan Sports Science Middle and High School, Whiteside**

 **Description:** MTSU’s College of Behavioral and Health Sciences has entered an exchange agreement with a

 South Korean secondary school that specializes in sports science.

 MTSU signed the five‑year memorandum of understanding Tuesday, May 19, with Ulsan Sports

 Science Secondary School, a new middle and high school in South Korea “dedicated to the

 education and training of aspiring professional athletes, as well as students interested in other

 sports‑related careers.”

 **Department:** 20 (Health and Human Performance)

 **Partners:** Ulsan Sports Science Secondary School in South Korea.

**Leadership MTSU, Bonner**

**Description:** On September 8 and 15, 2014, the group met with a focus on Academic Affairs, with presentations from deans from each of the nine colleges that comprise MTSU as well as presentations on the Quest for Student Success Initiative and MT Athletics. The First Leadership MTSU included several members of the Community Engagement Council. The second (spring) Leadership MTSU Program was presented on March 17, 2015 with 21 leaders from Middle Tennessee Public School Systems. The program included presentations from each of the MT Colleges, Quest for Student Success Initiative, the renowned Concrete Industry Management Program, Division of Athletics and a campus tour.

 **Department:** 41 (President's Office)

 **Persons:** 51

 **# of Students:**  2

 **# of Faculty:** 29

**Community Engagement Council, Bonner**

 **Description:** The Community Engagement Council joined the first Leadership MTSU class on September 8 and 15, 2014. Council members were invited and some attended special events on campus including the Blue Raider Athletic Association Dinner on January 29, 2015 and the Raider's Choice Awards Ceremony. The Council Leader proposed and drafted the first Community Engagement Council Newsletter. March 9, 2015 was the spring Council meeting and it was held in MTSU's $147 million New Science Building and hosted by Dean Bud Fischer. June 26, 2015, MTSU, the Community Engagement Council, and the True Blue Initiative hosted the Rutherford Chamber's Business Before Hours Event.

**Montverde Academy, McPhee**

 **Description:** Middle Tennessee State University has signed a first‑of‑its‑kind partnership with Florida's

 Montverde Academy, a premier private boarding school known for its strong international

 enrollment and 100 percent college placement rate, according to a release from the university.

 The pact, signed Friday by MTSU President Sidney A. McPhee and Montverde Headmaster Kasey

 Kesselring will allow for dual enrollment of Montverde students, most likely through online

 classes by the university. The pact will allow the academy's guidance counselors and MTSU's

 undergraduate and international studies recruiters to work collaboratively in placing best‑fit

 students from Montverde on the Murfreesboro campus, officials said. "We are thrilled to be able

 to sign this agreement and partnership between our schools today," Kesselring, who received

 his master's degree from MTSU and is a former headmaster of The Webb School in Bell Buckle,

 said in a release. "We look forward to a long and productive relationship and we are super

 excited about the opportunity this is going to give our students," he said in the release.

 **Department:** 41 (President's Office)

**MTSU MBU, Adamson**

 **Description:** Every year, MTSU sponsors a Merit Badge University for the Boy Scouts of America. Happens

 last Saturday in February. We have over 400 Boy Scouts and leaders come on campus with

 many of the classes taught by MTSU professors or students from many departments (Chemistry,

 Aerospace, Engineering etc…). MTSU Math Department and Walker Library are co‑sponsors for the event, with past sponsor being WMOT radio station.

 **Department:** 25 (Mathematical Sciences)

 **Partners:** Chemistry, Aerospace, Environmental Science, Geology, members from Provost's office,

 Computer Science, Library staff, Engineering, and Rec. Center all participate

 **# of Students:**  10

 **# of Faculty:**  15

**Native American Culture, Phillips**

 **Description:** A generous gift to the MTSU Honors College by alumni Gordon and Sara Bell of Murfreesboro

 served as the inspiration behind the theme for the spring Honors Lecture Series “Native

 American Culture.” The Bells have spent more than 30 years of their married life assisting the

 Lakota Sioux Indian tribe in South Dakota. They established an endowed scholarship for MTSU

 juniors and seniors working on Native American research and issues. The Bells’ gift led Honors

 College Associate Dean Philip Phillips to select Native American Culture as the main subject for

 the series. “I wanted students to have a greater appreciation of their regional history and national

 history, an important part of which includes Native American culture,” Phillips said.

 The long‑running lecture series, featuring focused topics and presenters from multiple

 disciplines on and off campus, not only is a required class (UH 3000) for Honors College

 students, but also is free and open to the public. Focusing on a primary theme, weekly

 presenters provide perspective, based on their own field of study and research.

 **Department:** 51 (Honors College)

 **Partners:** Sara and Gordon Bell.

**Nepal Crisis, Garbharran**

 **Description:** Dr. Hari Garbharran, an MTSU professor of global studies and cultural geography, is co‑founder

 of Humans in Crisis, a nonprofit organization that has assisted the Women’s Foundation in

 Nepal for years, selling silk scarves hand‑woven by women living in domestic violence centers.

 He has learned that, while the foundation offices and shelters in Boudha survived, two children

 were seriously injured, the foundation’s organic farm in Bhaktapur was demolished and its

 livestock perished.

 **Department:** 19 (Geoscience)

 **Partners:** U.N.'s World Food Program. Women's Foundation. Rural Assistance Nepal

**Nissan, Ann Campbell Early Learning Center (Robyn Ridgley), Seviers**

 **Description:** The ACE Learning Center is an inclusive early childhood program serving young children ages 15 months to kindergarten. The Center provides a developmentally appropriate learning environment where children who are typically developing and children with developmental delays play together and learn from each other. Nissan holds a supply drive at its plant where employees could drop off the needed items. Nissan has sponsored us through our Wishing Tree program to provide consumable products that we use in our program each day.This helps in terms of not having to spend the limited funds on consumable items.

 **Department:** 46 (Education)

**Peru, Universidad Andina Del Cusco, Mcphee**

 **Description:** Leaders from Middle Tennessee State University and the Universidad Andina Del Cusco, a

 private university in Peru, agreed in principle to forge a partnership between the two institutions.

 UAC, known best for its programs in tourism, accounting and nursing, is located near the

 Historic Sanctuary of Machu Picchu, described by National Geographic as one of the world's

 most important archeological sites. "The Cusco region of Peru provides unique enrichment opportunities for MTSU students," McPhee said. "This relationship will expand our current education options near this important cultural site and at this vibrant destination."

 The partnership will allow officials from both universities to explore ways to make it easier for

 MTSU students to study at UAC, as well as students from Cusco to come to the Murfreesboro

 campus. It could also produce ways for MTSU and UAC to collaborate on education and

 experiential programs. UAC has an enrollment of about 15,000 students and features schools

 in Administrative and Financial Resources; Social Sciences and Education; Law and Political

 Science; Engineering; and Health Sciences. MTSU recently designated Cusco as a

 recommended option for its Global Studies students, through its current relationship with

 International Studies Abroad (ISA), a U.S.‑based consortium. Six students from MTSU so far have

 spent a semester studying through ISA's Cusco program.

 **Department:** 41 (President's Office)

 **Partners:** Universidad Andina Del Cusco, a private university in Peru

**Science Olympiad, Patterson**

 **Description:** The Science Olympiad Regional Tournament has been on the MTSU campus since ~1985. I

 have been the regional director since September 2001. The TN Science Olympiad Board of

 Directors was established in 2003, which is a collaboration of all regional directors at the

 universities and colleges across the state, school “coach” representatives for each regional site,

 business and industry sponsors. Over the last 10 years, the number of regional tournament

 sites for middle and high school competition have increased from four to nine, with 2 more in

 2012 and possibly 1 in 2013.Over five years ago, Chattanooga and Murfreesboro began

 organizing Elementary Science Olympiad Tournaments. Murfreesboro has held 4 and

 Chattanooga has held 5. Many faculty, staff, college students and community supporters

 volunteer to support the day long STEM tournaments.

 **Department:** 7 (Chemistry)

 **Partners:** Chattanooga State, ETSU, VSCC, Christian Brothers, Lipscomb University, TWC,

 Maryville College, UTK, University of Memphis, TTU, UTM, Cumberland University, Pellissippi

 State; Murfreesboro City Schools, Rutherford County Schools, Davidson, Wilson, Williamson,

 Maury , Cannon and Bedford County Schools; State Farm Insurance, General Mills and

 Caterpillar

 **Persons:** 300

 **# of Students:**  10

**Sony/ATV Music Publishing Nashville, Keel**

 **Description:** A new partnership between Sony/ATV Music Publishing Nashville and MTSU’s Department of

 Recording Industry allows students to submit two of their songs directly to Sony/ATV’s creative

 team.

 **Department:** 33 (Recording Industry)

 **Partners:** Sony/ATV Music Publishing Nashville,

**Student Teaching, Lussier**

 **Description:** Residency II Candidates (student teachers)

 School Systems ‑ We have MOAs with 43 different school systems in which to place our teacher

 Candidates University Supervisors ‑ both adjunct and teaching faculty

 **Department:** 46 (Education)

 **Partners:** 43 school systems in which to place our teacher candidates

 **Tennessee Department of Environment and Conservation, Boyle**

 **Description:** The Tennessee Department of Environment and Conservation and Middle Tennessee State

 University announced a partnership that will expand individual opportunities for earning course

 credit and certifications through TDEC’s Fleming Training Center in Murfreesboro, online and at

 other statewide locations. The agreement will expand individual opportunities for earning MTSU course credit and certifications through TDEC’s Fleming Training Center in Murfreesboro, online and at other

 statewide locations. “Fleming Training Center offers cutting‑edge technology and advanced classes in a variety of water areas, and this partnership will allow traditional and non‑traditional students to take full advantage,”. According to the Bureau of Labor Statistics, the water supply and sanitation sector is

 expected to experience an employment growth rate of 45 percent in coming years due to

 regulations, infrastructure growth, security, and customer demands.

 **Department:** 50 (University College)

 **Partners:** Tennessee Department of Environment and Conservation.

**The Hub of a Wheel: A Brief Guide to Murfreesboro’s Past, West**

 **Description:** The Heritage Center of Murfreesboro and Rutherford County has a new publication looking at

 Murfreesboro’s past, focusing on the areas of education, public health and transportation. The

 free guide is designed to accompany the Heritage Center’s exhibits about Murfreesboro.

 **Department:** 52 (Center for Historic Preservation)

 **Partners:** Tennessee Civil War National Heritage Area

**Center for Historic Preservation, West and Graham**

**Descriptions:** Belmont area being surveyed for historic status: Belmont Avenue, Shelbyville, TN Graduate students from Middle Tennessee State University are doing a review and assessment of Shelbyville's three historic districts. The students have been conducting the new inventory of historic landmarks at no charge to the city. Another class of students updated the inventory of buildings around the square in 1999. Students are performing the assessment, since the historic districts have not been reviewed in many years. The project's goal is to analyze the potential of adding Belmont and Frierson-Eakin historic districts to the National Register, as well as identifying any landmarks eligible for distinction. When the study is complete, a report will be issued to the city council, as well as the planning commission and board of zoning appeals. Part of the reason the city has rekindled the relationship with MTSU for the study is because Shelbyville has been selected for the Tennessee Downtowns Program, Rhinehart explained. Rhinehart said the historic zones on Belmont are "disjointed" but some of the homes may be eligible for historic landmark status.

 **Studio A**

 A 48-page nomination to save the historic Studio A, written by Middle Tennessee State University historian Carroll Van West, now awaits federal approval, which could be finalized in the summer. After helping get the Grand Ole Opry House and WSM transmission tower onto the National Register, Van West said he took on the "rush" project to preserve Studio A, opened in 1965, because of its "extraordinary importance" to Nashville and American music. "There are few recent past buildings in Nashville as important as the RCA Victor Studios Building," Van West told The Tennessean.

 **Traveling exhibit, Slaves & Slaveholders at Wessyngton Plantation**

 Tennessee State Museum was awarded $18,000 in matching funds to the Tennessee State Museum for development and circulation of this exhibit.

 **NPT Documentary**

 $50,000 to Nashville Public Television for documentary on "The Washingtons of Wessyngton Plantation," as part of ongoing Civil War 150th series.

  **$14,557 matching grant to Franklin's Charge.**

 $1488.60 matching grant to Tennessee State Library and Archives for promotional rack cards for **"Landscape of Liberation"** Civil War GIS expansion.

 $7910.92 matching grant to **Travelers Rest Plantation** for exhibition on urban slavery.

 $4690.50 matching grant to Tennessee Historical Society for the **Franklin Sesquicentennial Signature Event's** living history activities.

 **The Civil War and its legacy preserved at 2015 Tennessee Civil War Sesquicentennial Signature Event** The multi-year initiative to preserve and commemorate [Tennessees’ Civil War](http://www.tncivilwar150.com/%22%20%5Ct%20%22_blank) history will culminate during the 2015 Tennessee Civil War Sesquicentennial Signature Event "Reconstruction Tennessee" April 30-May 1 in Knoxville. Reconstruction Tennessee is a workshop open to K-12 teachers at the East Tennessee Historical Society. Participants will learn a wealth of information including the number of Civil War-related collections available through the Library of Congress website, strategies, and activities on how to incorporate these resources in the classroom. The workshop is sponsored by the Middle Tennessee State University Library of Congress Teaching with Primary Sources and the Tennessee State Library and Archives.

 **Professional Services Partnerships**

 Professional services partnerships in which Heritage Area staff and students assist organizations with exhibitions, publications, and other interpretive materials were completed with the Tina Turner Museum at the Flagg Grove School, West Tennessee Delta Heritage Center, in Brownsville, for panels on the history of African American education in Haywood County. The Heritage Area provided a traveling exhibition, "Free at Last: Emancipation and Reconstruction in Tennessee," to the following partners: the Promise Land Community Club in Dickson County, Johnsonville State Historic Park, the Customs House Museum in Clarksville, the Beck Cultural Exchange Center in Knoxville, and the Andrew Johnson Presidential Library in Greeneville. The Heritage Area staff and students assisted in professional services partnerships completed during this time period with Belle Meade Plantation for a history and documentation report on the Harding Cabin, and with the Glenmore Chapter of the APTA (Association for the Preservation of Tennessee Antiquities) for a Heritage Development Plan for Glenmore Mansion in Jefferson County. Staff and students worked on professional services projects during this period that are not yet completed with the African American Heritage Society of Williamson County for interpretive panels for the McLemore House Museum in Franklin, Tennessee, and with the African American Heritage Society of Maury County for a driving tour of Maury County.

 **Traveling Exhibit Emancipation -** The MTSU-based Tennessee Civil War National Heritage Area has expanded its traveling exhibition on emancipation and Reconstruction, which was displayed in Clarksville, Tennessee, from Jan. 6 to Feb. 26. “Free at Last!” was on view at the Customs House Museum and Cultural Center, located at 200 S. Second St. in Clarksville. “Free at Last!” tells the momentous story of the transition from slavery to freedom and the development of citizenship among formerly enslaved African-Americans. In this final year of the 150th anniversary of the Civil War, the exhibit now has panels focused on each of Tennessee’s three grand divisions. The goal was to provide sites with a concise, well-illustrated introduction to the significance of emancipation and the agency of slaves in bringing about their freedom. The exhibit debuted in February 2007 with two displays providing an overview of emancipation and Reconstruction in Tennessee.

A new exhibit, **“W. L. Clement: Reformer, Educator, Photographer**,” opened recently at the Heritage Center of Murfreesboro and Rutherford County. Developed by Savannah Grandey, a graduate research assistant at the MTSU Center for Historic Preservation as part of her graduate training, the exhibit explores the history and significance of the Soil Conservation Service—now the Natural Resource Conservation Service—in Cannon County during the mid-twentieth century. The photos in the exhibit belong to a much larger collection, the majority of which were taken by W. L. Clement, Cannon County’s soil conservationist from 1951 to 1974.

 **African Americans in Civil War in Tennessee -** Tennessee will soon debut an online map that brings together more than 1,000 points of interest that detail the role of African-Americans in the Civil War. A first for the state, the yearlong project, targeted to launch in January, will create a new layer on the growing Tennessee Civil War GIS Project map, uniting information often left scattered. Already, researchers at Middle Tennessee State University have found ways to connect hundreds of historical records, research papers and images to precise locations for the map, including sites of segregated hospitals and black communities and camps.

**Traveling Exhibit ‘Free At Last’ At Tusculum -** The Tennessee Civil War National Heritage Area expanded its traveling exhibition, “Free at Last!” to include the President Andrew Johnson Museum and Library at Tusculum College. The exhibit expansion comes with the concluding year of the multi-year celebration of the 150th anniversary of the Civil War.“Free at Last!” tells the story of the transition from slavery to freedom and the development of citizenship among formerly enslaved African-Americans. Doubled in size to eight banner stands, the exhibition now has panels focused on each of Tennessee’s three Grand Divisions. “Free at Last!” will be on view at the President Andrew Johnson Museum and Library on the Tusculum College campus through.“In this region, we are still feeling the effects of the Reconstruction period even 150 years later. This exhibit helps us understand why. More than 40 venues across Tennessee have hosted “Free at Last!”New panels on East Tennessee look at that region’s legacy of emancipation before the Civil War and consider how emancipation has been remembered in the region since the war. The Heritage Area has also published a driving tour of Reconstruction sites across the state. “The driving tour goes hand in hand with the expanded exhibition to provide Tennessee residents and visitors with in-depth knowledge about this significant and often misunderstood period in Tennessee’s history,” .

The booklet, “**The Hub of a Wheel: A Brief Guide to Murfreesboro’s Past**,” was designed by MTSU Creative and Visual Services and written by graduate research assistant Aleia Brown and Center for Historic Preservation director Dr. Carroll Van West.

 A partnership program with the **National Trails Intermountain Region of the National Park Service, the Trail of Tears Historic Building Survey** is involved in identifying and documenting the buildings and structures along the historic Trail of Tears routes (through nine states) that would have existed at the time of the Trail of Tears Indian removal in the 1830s.

 ***Trials and Triumphs* Digital Collection**

 The Center for Historic Preservation and Walker Library created an online digital collection on the history of the “Jim Crow” era of segregation in Tennessee. *Trials and Triumphs: Tennesseans' Search for Citizenship, Community, and Opportunity* received funding from the Tennessee Board of Regents, which allowed for statewide field research and the creation of a mobile interface that works easily on hand-held devices. Many colleagues across the state helped create *Trials and Triumphs*. One of them, Knoxville's Robert Booker, knows how rich photographs can be in providing historical detail that is difficult to glean from words. Author of two books and many photographic exhibitions, Booker is the longtime curator and archivist at the Beck Cultural Center in Knoxville. A graduate of Knoxville College, he is also a civil rights advocate who once served in the Tennessee General Assembly. Riding downtown, we crossed into the Old City on a street named in Booker's honor—a placeholder for the fact that when he was young, it was a thriving African American business district.

**Veterans Center, McPhee**

 **Description:** Veterans have been a priority at Middle Tennessee State University for years, and this summer

 officials are planning to boost their investment in the specialized student group. University President Sidney A. McPhee announced plans to create a 2,600‑square‑foot center in the heart of campus that will cater to the needs of student veterans. Construction will coincide with the addition of a suite of new services for the students. McPhee said the Veterans and Military Center would "make MTSU not only a statewide leader but a national leader" in the effort to educate veterans. The center will give students one place to address a variety of needs, from financial aid to academic advising, with staffers who understand the unique challenges facing veterans, active military personnel and their families.

 The center, which will almost double the size of veteran‑specific space on campus, will add to an

 array of services that are already available at MTSU.

 **Department:** 41 (President's Office)

 **Partners:** The university partnered with the U.S. Department of Veterans Affairs in 2012 to establish

 Tennessee's first VetSuccess on Campus office.