Immersive Learning Showcase
Summer & Fall Projects - December 11, 2017
Immersive Learning provides a framework for Ball State faculty and students to connect with Indiana businesses, nonprofit organizations, communities, and state agencies through mutually beneficial projects.

Students benefit by gaining experience and expertise beyond the boundaries of the classroom.

Faculty benefit when they adapt traditional teaching into a collaborative applied model, which leads to deeper community connections and possible avenues for scholarly publications.

Community partners benefit when students examine their challenges from a fresh perspective.
A Light in the Space

Through experiential learning of the essentials of lighting technology and design, “A Light in the Space” has aimed to provide guidance and resources that advance the quality and opportunities for lighting design in Muncie Civic Theatre’s future productions. These resources are meant to enhance the overall experience and focus on the diverse art of theatre through lighting design. These resources are manifest in a repertory light plot as well as a plan for upgrading the lighting technology of Muncie Civic Theatre.

Students:
Libby Amaya, Katrina Conte, Max Cseresznyes, Jessica Custer, Samantha Flannelly, Rachel Hemm, May Hickman, Casey Kalinke, Chris Marsh, Kalee Mccullar, Addy Monger, Avery Unate, Austin Zimmerman

Faculty Mentor: Mickie Marie, Department of Theatre and Dance
Community Partner: Muncie Civic Theatre
In the field of Speech-Language Pathology, there is a lack of standardized recipes for thickened liquids used to treat patients diagnosed with dysphagia. This project focused on the use of physics and objective testing of viscosity, specifically examining the type of thickening agent used, the time required to obtain the appropriate viscosity, and the recipe that is consistent with the liquid utilized during evaluation. Students utilized the scientific means of measuring (viscometers) to conduct testing in addition to 10mL slip syringe test for IDDSI, to compare the viscosity of each liquid mixed. Students conducted interviews with practicing speech-language pathologists and collaborate with the community partners to ensure current recipes are being tested. At the conclusion of the semester, the students disseminated the information during a 1½-hour presentation. The anticipated outcome would be a table for practicing clinicians to reference regarding the thickening agent to liquid ratio, temperature and resting times utilized to create clinical recipes for patients’ home use.

Students:
Kate Avila, Alyssa Cummins, Derrick Garland, Malachi Henry, Robyn Knip, Lillie Robinson, Carly Skinner

Faculty Mentors:
Mary Ewing, Department of Speech-Language Pathology and Audiology; Ranjith Wijesinghe, Department of Physics

Community Partners:
St. Vincent Health System (Molly Jones, M.A., CCC-SLP); Catherine Seitz, M.A., CCC-SLP, BCS-S; Bethel Pointe Health and Rehabilitation
The Architecture for Extreme Environments program takes Ball State University students to extreme environments to learn resilient design strategies and apply them to problems in 21st Century building design. In Fall 2017, a team of nine architecture students designed and built snow shelters, then tested them on Mt. Baker in the Northern Cascade Mountains, site of the highest one-year snowfall ever recorded (95’). The students then conducted an in-depth ecosystem analysis of the mountain ecosystem, and applied the lessons they learned in the design of a Glacier Research Station. They then exhibited their work throughout the state of Indiana in cooperation with community partner, the American Institute of Architects Indiana Chapter. In this way, Architecture for Extreme Environments students are assuming leadership roles in the 21st Century design professions.

Students:
Brian Bracht, Tyler Bracht, Daniel Burns, Hunter Crews, Alex DeKemper, Jen Pease, Rob Raschke, Shan Wang, Itzel Munoz

Faculty Mentor: George Elvin, Department of Architecture
Community Partner: American Institute of Architects Indiana Chapter
Starting in fall of 2017, students from Telecommunications, Communication Studies, Music Theory and Composition, and History were assembled to produce a documentary about Ball State’s history from 1918 to 2018, coinciding with the centennial celebration of 2018. Students will collaborate with alumni to record all video, voiceover, and music. The students will produce two versions of the film: one, which will be approximately 45-60 minutes in length and another broadcast friendly version that is 26:46 in length. In spring of 2018, students will assemble all materials for a final edit and administration approval. The project will consist of traditional interviews, supportive b-roll video, originally composed music, animated historical images and graphics, sound effects, and other pertinent digital assets.

Students:

Marissa Anderson, Holly Barnhart, Brooke Braun, Cole Callahan, Jacob Cannon, Kyla Chandler, Sammy Essex, Nick Evans, Garrett Finn, Amy Frye, Hayden Goldsworthy, Allison Griffith, Jacob Guenin, Max Harp, Michael Harris, Ivie Hiller, Emily Holland, Micah Holtgraves, Will House, Joe Hunsinger, Rory Killelea, Madison Krause, Lexy Madrid, Matt McFarland, Denver McQuaid, Ashley Mullen, Matthew Myrick, Alex Oechsel, John Osterhoudt, Abby Peavey, Ryan Shank, Jeff Spott, Erin Stanis, Gentry Stayton, Zoe Taylor, Henry Tegeler, Ben Thatcher, Steven Webber, Austin Webster, Claire Willette, Blake Williams

Faculty Mentor: Chris Flook, Department of Telecommunications
Community Partner: Ball State University
This research and development project aimed to develop recipes for patients with specific disease states using Betsy’s Best Nut and Seed Butter products. Students determined which chronic disease to investigate and designed a set of recipes, blog entries and educational materials for the community partner. Research findings were evaluated by the community partner and professor. Students also presented their findings at the Annual Academy of Nutrition and Dietetics national conference in Chicago.

Students:

Kailey Adkins, Morgan Brebberman, Molliana Crenshaw, Abigail Dujka, Zachary Dunbar, Hope Eckland, Ashley Flotow, Victoria Hedges, Alexus Horton, Bradley Horton, Madeline Kallenback, Alexis Kampe, Sara Kruszynski, Sydney Mattern, Adrienne Mayfield, Justin Pineiro, Melissa Schmitmeyer, Alexis Sewell, Tieara Smith, Kyleigh Snavely, Dakota Stites, Rebeca Thomas, Macey Zimmerman

Faculty Mentor: Deanna Pucciarelli, Department of Nutrition and Health Science
Community Partner: Betsy’s Best
Book Arts Collaborative is a community letterpress and book bindery located in the Madjax Building in downtown Muncie. We preserve and teach apprentice-taught skills and run a small business. We teach analog design skills, business skills, and professionalization of all majors.

Students:

Lauren Hansen, Marisa Sloan, Holly Westerfield, Kaytlyn Bell, Natalie Rokosz, Tier Marrow, Hannah Bihn, Sophie Gordon

Faculty Mentors: Rai Peterson, Department of English; Colleen Steffen, Department of Journalism; Amy Trendler, BSU Libraries

Community Partner: Tribune Showprint Posters, Inc.
Brownfields to Brightfields: Analysis of Solar Potentials of Brownfields in Delaware County, Indiana

Students:
Odessa Birtman, Javan Johnson, Colton Marvel, Hannah Moran, Sarah Murray, Patricia Salgado, Erin Salgat, Michael Terronez, Jackson Trebor

This community based immersive learning course is built around a theme of promoting sustainable community through analyzing its solar energy potential for existing brownfields of Delaware County, Indiana, and is comprised of urban planning students who are interested in regional planning, brownfield redevelopment, application of computer-based planning techniques to regional scale, and sustainable community building. By definition, brownfield means a site or real property for which the expansion, redevelopment, or reuse may be complicated by the presence or potential presence of a hazardous substance, pollutant or contaminant (US Congress, 1980). Due to its hazardous nature, the concentration of such sites in urban areas or industrial towns makes economic development more challenging. However, beginning in the early 2000s, brownfields in rust belt Midwest regions slowly started to gain an attention from developers and communities as an opportunity, and now they are starting to attract significant funding and subsidies from private investors, non-profits and government agencies. Against this backdrop, in this immersive learning course, partnering with Sierra Club Hoosier Chapter, students analyzed and evaluated solar potentials for brownfields in Delaware County, Indiana. Through the immersive learning course, students evaluated the solar potential for the community and assess the potential for economic development for existing brownfields.

Faculty Mentor: Sanglim Yoo, Department of Urban Planning
Community Partner: Sierra Club Hoosier Chapter
Weather and climate information is critical to the way we conduct our lives. This project focused on the creation of the Cardinal Weather Service (CWS), an organization that creates and communicates daily public forecasts for clients within the greater Delaware County area. The CWS tailors forecasts based on the needs of our community. Specifically, the overarching goal of this project was to establish the operational guidelines, procedures, and structure of the Cardinal Weather Service, including furnishing the space in which it will be located.

Cardinal Weather Service

Students:
Kyle Amonette, Molly Coates, Lauren Elston, Adam Grimes, Amanda Kedzierski, James Longwith, Derrick Marsee, Josh Maurice, Ethan Rosuck, Lauren Slaven, Joe Strus, Balint Szalavari, Jessica Walsh

Faculty Mentors: Nathan Hitchens & Petra Zimmermann, Department of Geography
Community Partners: Ball State University Athletics, Cardinal Greenway, Delaware County Futbol Club
Diversity is essential for the future success of Computer Science (CS). Further, there is simply a lack of student exposure to CS in elementary and high school. Via the regular school curriculum, students are exposed to the hard sciences and mathematics, but seldom CS. As a result, students are likely to have little idea of what it means to be a Computer Scientist or if they have any interest in being one. With the recent adoption of CS K-8 academic standards in Indiana, this is changing, but most teachers have little, or no experience teaching these new topics. The focus of this immersive learning class was to expose the partner’s students, particularly underrepresented minorities and females, to CS and Computational Thinking (CT)—a need expressed by our partner. Our project team accumulated instructional resources, and developed activity templates and modules that will better incorporate CS and CT experiences, with a focus on meeting the Indiana CS academic standards. The school administrators and teachers can utilize the compiled resources, and implement the completed modules during normal school classes, during the summer, after school, or during extended breaks, based on their needs.

**Students:**

Monica Appel, Meghan Duffy, Rachel Harvey, Anna Hawkins, Benjamin Lawson, Ryan Magley, Joshua Pegg, Ian Pemberton, Jordan Reidy, Timothy Skinner, Cody York

**Faculty Mentor:** David Largent, Department of Computer Science

**Community Partner:** Northside Middle School
Creating Community Through Drama:
Outreach at Muncie Civic Theatre

Muncie Civic Theatre is one of oldest civic theatres in the state and is located in one of the oldest buildings in the county. The mission of the Muncie Civic Theatre is to “enrich our whole community through theatre performance, education, and outreach.” (www.munciecivic.org) They do this on a very small budget, and an even smaller staff. The goal of this year-long immersive learning project is to help this Muncie jewel improve its outreach efforts, diversity, connection to Ball State University, volunteer program, and overall impact in the community.

Students:
Elizabeth Arnold, Cameron Cole, Hannah Cordes, Candice Gill, Brooke Gronning, Hannah Janowicz, F. Thomas Mian, Gina Strati, Courtland Wood

Faculty Mentor: Peggy Fisher, Department of Communication Studies
Community Partner: Muncie Civic Theatre
The students in this project produced compelling journalism that captured the stories and issues related to Muncie’s food system. Through a variety of formats and platforms, they shared stories about the people and partnerships working to feed Muncie and explored the circumstances that influence food insecurity and regulation.

Students:
William Aiken, Evan Brosman, Ian Buchanan, Ashley Cheesman, Emily Cox, Hunter Garrison, Leslie Gartrell, Brady Hanley, Valerie Jones, David Koenn, Brooke Kratzer, Garrett Looker, Kaylie McKee, Emily Sabens, Sabrina Schnetzer, Mariah Thatch

Faculty Mentor: Kate Elliott, Department of Journalism
Community Partner: Farmished
Most non-profit organizations have a wonderful mission but find it a huge challenge to support those missions. Working as a collaborative team, students partnered with local non-profit organizations to identify their financial needs and to come up with different ways of supporting the organizations. The team developed promotional items ranging from brochures and pamphlets to a book of art created by street children in the Philippines as well as promotional t-shirts and stickers. In addition to providing financial support, these products will promote awareness for these organizations. By using local sustainable resources, the organizations can continue to produce these promotional items while supporting the local economy.

Students: JR Pegg, Leah Gabbard, Jessica Matthews, Duy Tran, Taylor Barrett, Ramsey Stevens, Bethany Gordon, Kaylie McKee, Trenton Shroeder

Faculty Mentor: René Church, School of Art
Community Partners: GR3 International, Berrien Cancer Services, Cor Fortium, Fanconi Anemia, Delaware County Futbol Club, Child Study Center, Your Story Hour
Learning Eustress Options (LEO): A Police Stress Project

This course addresses police stress in one large police department (Muncie Police Department). The course team (students and others) will measure police stress quantitatively (survey), qualitatively (interviews), and provide data-driven recommendations to the department for responding to and addressing stress. The recommendations will come in the form of a report to the Muncie Police Department. Students will be exposed to appropriate research methodologies, readings on police stress, best practices/evidence-based practices, and how to construct a recommendation report. Working with the Muncie Police Department to study police stress is ideal since Muncie has been considered for many decades as the “typical American city” based on the famous Middletown Studies of the 1920s and 1930s.

Students:

Austin Anderson, Deja Clardy, Madison Doyle, Austin Feller, Garrett Grzegorzewski, Angel Hill, Sam Manion, Frank Munoz, Nate Parker, Lexy Rodriguez, Alex Stein, Matthew Wischnowski

Faculty Mentor: Bryan D. Byers, Department of Criminal Justice and Criminology
Community Partner: Muncie Indiana Police Department
Leed Lab F17

Working with representatives from Ball State’s Facilities Planning and Management department as the actual client, students, as members of an interdisciplinary team, are assessing, evaluating, prioritizing, and certifying the Ball State Letterman Communications and Media building as LEED-EB:O+M® (LEED for Existing Buildings, Operations and Maintenance). Ball State currently has eleven LEED (Leadership in Energy and Environmental Design) certified buildings, with two more anticipating certification. All are (or hopefully, will be) certified under LEED-NC (LEED for New Construction) or LEED-CI (LEED for Commercial Interiors), with the first certifications awarded in 2010. These certifications evaluate the buildings during design and construction, but LEED for Existing Buildings evaluates buildings during occupancy, to see if they are performing up to their potential.

Students:
Kyle Alcaraz, Samantha Campbell, Schyler Cerqueira, Joshua Eberg, Brittany Friars, John Mangan, Cody Matheis, Jacob Mattingly, Nathan Netzhammer, Emily Pittenger, Erin Powichroski

Faculty Mentors: Janet Fick & James Jones, Department of Construction Management and Interior Design
Community Partner: Ball State Facilities Planning and Management
Maplewood Mansion Learning Lab (MMLL) opened in Fall 2017 and had no policies or procedures for operations, nor did they have a promotional campaign. The Residential Property Management students (seniors and a graduate student) created all of this for MMLL. They are assisting with the operations of Maplewood Mansion as short-term rental housing for the IU Med School students doing their “clerkship” at IU Ball Memorial Hospital. They are in the process of completing internal policies and documents (emergency plan, move-in/move-out checklist and form, resident handbook, guest satisfaction survey, etc.) as well as products related to external relations (logo, career apparel, Muncie visitor information, vision/mission statement, website, Facebook page, etc.). Specific course objectives include evaluate an apartment community’s policies and procedures for marketing, management, and maintenance; make recommendations for alternative solutions; and apply professional skills to the development of a final report/presentation of project results.

Students:
Alex Byerly, Rachel Cox, Ronald Harrington, Amy Herron, MacKenzi Roe

Faculty Mentors: Carla Earhart & David Martin, Department of Management
Community Partner: IU School of Medicine - Muncie Campus
The Maring-Hunt Library Community Garden Master Plan, its improvement and expansion, and a series of Garden Pavilions and Nature Play Pockets were designed and developed as useful spaces to address food insecurity in a USDA-designated food desert, cultivate community interaction and social activity, and provide learning opportunities for the Southview Elementary School students, Maring-Hunt Library patrons, and neighborhood families. The Maring-Hunt Library Community Garden Master Plan includes a trio of pavilions developed around a large community garden overseen by the Library.

1. The Gateway to Growing Gardeners’ Pavilion, which provides shade, seating, tool storage, and accessible garden beds, and a sand and water Nature Play Pocket was designed and built by students in a spring and summer 2017 immersive learning studio.

2. A Market Pavilion to house a community market and an outdoor learning space for the Great Achievers is currently under construction by students in a fall semester 2017 community build studio. A small separate outdoor kitchen and food preparation demonstration area is also a part of this project.

3. A fenced-in Educational Pavilion and children’s garden will be developed and used by Southview Elementary students in the future. This expansive greenspace with its pavilions, gardens, paths, bio-swale, and nature play pockets is being developed as an anchor in the Thomas Park/Avondale and South Central Neighborhoods, and will turn an eyesore, a dilapidated exercise track and athletic field alongside an active railway line, into an asset motivating children and families to get outdoors and learn and engage in healthy activity together.

Students:
Max Bainbridge, Zach Benge, Brian Bracht, Tyler Bracht, Jacob Burris, Schyler Cerqueira, Myrisha Colston, Jamie Craine, Hunter Crews, Alex DeKemper, Jordan Duke, Drew Fairchild, Michaela Greene, Rosie Hamilton, Shelby Harris, Ali Hartweck, Adam Horkay, Joshua Markiewicz, Emma Ocken, Jennifer Pease, Zach Rooker, Riley Sandel, Payne Wagner, Drew Weyer

Faculty Mentor: Pam Harwood, Department of Architecture
Community Partners: Maring-Hunt Library, Thomas Park/Avondale Neighborhood Association
Working as members of an interdisciplinary team, students collaborated with the faculty, staff and students of the Edmund F. Ball Medical Education Building on campus to create a feasibility study, a programming study, schematic drawings and conceptual estimate for their future expansion and renovation. We evaluated the existing facilities and researched options that will best suit their future needs. The students’ findings will then be taken forward by IU Health to obtain funding for the realization of the building addition and renovation.

Students:
Joseph Bastian, Joey Hack, Leonard Kline, Jacob Kriech, Michael Niemier, Daniel Parrett, Victoria Roe, Aaron Strayer, Isaiah Swanigan, Jason Towe, Boyd Warner

Faculty Mentors: Janet Fick & James Jones, Department of Construction Management and Interior Design
Community Partner: Dr. Derron L. Bishop, Ph.D., Director and Associate Dean, Indiana University School of Medicine - Muncie
The National Alliance on Mental Illness (NAMI) is the primary advocacy organization for persons with mental illness and their families in the United States. Over the past few years, the local NAMI chapter in Delaware County has established innovative programs for persons with mental illness and their families, including support groups, suicide hotlines, and education for law enforcement on crisis intervention. In this immersive project, students met with the NAMI Delaware County Executive Board to discuss how the organization supports these programs. Students then formed teams to plan and carry out activities for NAMI DC, including two fundraisers at local restaurants to support Crisis Intervention Training (CIT) for law enforcement officers, and donation and distribution of flyers educating the community about mental health resources.

Students:
Abdul Aldhiroy, Hussam Alghamdi, Abdulrahman Alhasani, Nader Alluoh, Faris Alruthia, Will Boston, Martin Dyrcz, Christy Garke, Caleb Gramman, Conner Hobbs, Shauntanyse James, Kyla Kettell, Katie Kunzman, Justin Lewis, Justin Miti, Dametrea Mixon, Destini Pugh, Dakota Schaefer, William Stone, Nicholas Wise

Faculty Mentor: Monte Staton, Department of Criminal Justice and Criminology
Community Partner: National Alliance on Mental Illness (NAMI)
The Nebraska Neighborhood Association was interested in improving the quality of life for citizens in their neighborhood by developing a greenspace next to the historic Wayne Knitting Mill. They purchased one acre for new park site development. As of Fall 2017, they have obtained the land but have not yet developed any park and recreation facilities on the site. As a nonprofit organization, the Nebraska Neighborhood Association lacks the time and staff to invest in researching alternative designs for the park. This project team consisting of students in Natural Resources and Environmental Management were tasked with proposing alternatives for how the park could be designed in the future. The Nebraska Neighborhood Association will have final products, such as reports or other printed material to show business owners, potential funders and other interested parties to help generate discussion about the future greenspace development.

Students:
Rebekah Box, Kristina Chier, Lucas Clay, Jaymi Godfrey, Lacey Humphrey, Jared Knotts, Katherine Koenig, Jordan Lee, Cody Oswalt, Macy Rohr, Rosemary Snyder, Laurynn Thieme, Taylor Wison, Nora Zaher

Faculty Mentor: Amy Gregg, Department of Natural Resources and Environmental Management
Community Partner: Nebraska Neighborhood Association (Ft. Wayne)
This project team in consultation with a co-team of instructors developed a time management module to guide Indiana Academy students on a path to success. The time management model is a proof of concept for the delivery of critical college readiness skills through online, adaptive learning modules. The students analyzed a pre-assessment of time management skills of incoming students for the Indiana Academy. Based on the results of the assessment, students developed relevant content aligned with competencies in an adaptive learning software program. Students evaluated and reported on the findings regarding adaptive learning program before deployment to measure growth in time management skills for success.

Students:
Kaleb Baldwin, Rachel Bonarek, Jonathan Burd, Simone Courtright, Emanuel Olvera Duran

Faculty Mentors: Cindy Cash & Dan Jones, iLearn
Community Partners: Indiana Academy for Science, Mathematics, and Humanities; Smart Sparrow
Youth involved in the court system have a desire to participate in their court proceedings. While in the courtroom, youth are overwhelmed by complexities of different types of cases and confused by the process of adjudication and various roles of players in the legal system. Working with Pink Leaf, Department of Child Services (DCS) and CASA, the project team developed a coloring/activity book that would enable youth under 12 to understand court proceedings and the different professional workings in the court system. For the students involved, the project provided valuable information about the child welfare system and the court system.

Students:

Alexander Bevars, Riley Breen, Aliyah Bird, Jacob Dean, Jenna Ducret, Kiana Ewing, Codey Fabuer, Ronald Finger, Carson Gowen, Taylor Hayes, Amber Juday, Hannah Karkosky, Dae'Sheon King, Kimberly Murphy, Elma Suljkanovic

Faculty Mentor: Ron Dolon, Department of Social Work
Community Partner: Pink Leaf
The Professional Development, Differentiated, and Digitized (PD3) immersive learning project has the primary goal of assisting Muncie Community Schools (MCS) develop teachers who adopt and integrate different technologies within their instructional practices. This was done in several ways. First, PD3 students focused on assisting the district in the adoption and implementation of a new Learning Management System (LMS) Schoology. Students created professional development opportunities, helped teachers create digital curriculum and assessments, and promoted use of the LMS. These included creation of a Schoology professional development course within the LMS, individual technology mentoring between BSU students and MCS teachers, and a district-wide professional development session. Second, students designed, developed, and implemented a four-week Science, Technology, Engineering, & Math (STEM) unit on electricity for kindergarten through third grade students at a MCS after school program. BSU students modeled effective pedagogical practices and meaningful technology integration as they implemented the unit with teachers and for K3 students. In the Fall 2017, students have continued working with Muncie community school teachers and are developing content within the Schoology LMS. They are also developing the initial stages of the Professional Learning Program (PLP) for teacher education candidates, faculty, and community partners. The PLP will focus on the National Technology Standards for Educators and is intended to aid educators at all levels to learn more about meaningful technology integration for learning and teaching.

Students:
Karen Huey, Demi Novinger, Katlyn Redman, Sarah Schlosser, Jeremy Svoboda, Carli Vose, Sam Walden, Jordan Wallace

Faculty Mentor: Jon Clausen, Department of Educational Studies
Community Partner: Muncie Community Schools
In 2014, the Muncie Action Plan (MAP) sponsored an immersive learning project that investigated how communities similar to Muncie are coordinating community-wide sustainability initiatives. One outcome of that project was the development of a template for a “Sustainable Muncie” website that identified the sustainability related organizations and resources throughout Muncie and Delaware County. MAP approached Ball State expressing a desire to revisit those outcomes. The project team was tasked with identifying the organizations and resources currently available in Muncie and organizing that information into a directory for dissemination. The collection of this information will serve two purposes. The first is to aid the MAP in identification of service gaps that are not currently being addressed in the community. This information, in turn, would provide an agenda for future efforts of MAP. The second purpose for identifying these community resources is to develop a single, publicly accessible clearing house where community members, organization leaders, and local decision-makers could find out about all of the community’s environmentally related organizations and resources.

Students:
Emily Dewig, Austin Fleming, Lindsey Stamper, Quintin Thompson

Faculty Mentor: David Hua, Department of Social Work
Community Partner: Muncie Action Plan
Student-athletes face immense pressures including performing simultaneously in school, sport, managing finances, a social life and family life. It is problematic to assume that the status of “athlete” automatically equips these individuals with an innate resilience to these stresses. SAMHI is about breaking down these assumptions by educating Canadians about the vulnerabilities of student-athletes, promoting the wellness of all student-athletes, and supporting student-athletes who may suffer from a mental health concern or illness. This project team was tasked with creating webinars focused on the wellness and mental health of student-athletes. Students worked collaboratively with professionals in the United States and Canada to identify speakers and topics. Students developed these webinars, created a marketing strategy, and assisted in the dissemination of these educational opportunities.
Second Harvest Food Bank of East Central Indiana, our community partner, is a non-profit food distribution organization that serves an eight-county area: Blackford, Delaware, Grant, Henry, Jay, Madison, Randolph, and Wabash. We were asked to gather data from the partner agencies (food distribution sites such as church food pantries and community centers) for the purpose of program improvement. Second Harvest was interested in knowing how their partner agencies make decisions about what food/products to acquire from the food bank, whether the services they provide are currently meeting the needs of their client populations, what additional services/products are needed by their client populations, what agency services they currently use (e.g., volunteer training, food storage training, etc.), and what additional agency services they would use if available. The students designed and distributed the survey, analyzed the results, and created a report and presentation.

Students:
David Current, Elisabeth Gates, Sunni Matters, Kaitlin Purdy, Staci Quire, Madison Ream, Amber Sheets, Erica Somerson

Faculty Mentor: Lisa Pellerin, Department of Sociology
Community Partner: Second Harvest Food Bank of East Central Indiana
This immersive project involved a partnership with Kidz Korner Child Care Center in downtown Muncie, IN. The project team created and administered a parent/family needs survey. They also designed and printed a logo for the center. The team promoted and fostered collaborative partnerships between the center and local agencies. They also developed and implemented a professional development session for the staff at Kidz Korner Child Care Center. The ultimate goal of this project was to establish and maintain community connections while strengthening parent/family relationships between the school/daycare center and homes.

**Students:**
Margaret Buettner, Krysta Henson, Sierra Hobbs, Hilda Nieves, Alaina Page, Elaine Shull, Alissa Switzer, Lindsey Turner, Victoria Wheatley, Lilly Wright-Cayetano

**Faculty Mentor:** Stacey Allred, Department of Elementary Education

**Community Partner:** Kidz Korner Child Care Center
In this immersive learning course, the interdisciplinary team of students worked on rehabilitating existing houses for Habitat for Humanity. The class involved the design and preconstruction phases before construction began. Each project started with creating measured existing drawings, determining the scope of work needed, making recommendations for revisions, and then creating plans for the remodeling of the houses. They worked with representatives from Habitat throughout the process to ensure their designs meet the needs of their clients.

Students:
Dennis Basham, Noah Donica, Drew Fairchild, Michael Fleck, Jessica Franke, Stephanie Kailey, Scott Manners, Jacob Mattingly, Collin Mercer, Katie Mercer, Kristine Punzalan, Zachary Rooker, Grant Small

Faculty Mentor: Janet Fick, Department of Construction Management and Interior Design
Community Partner: Greater Muncie Habitat for Humanity
The Rinard Orchid Greenhouse Video Project

The Rinard Orchid Greenhouse (ROGH) at Ball State houses the largest university-based collection in the United States, but many people are still not aware of this amazing campus asset. Student teams developed digital promotions and stories that illustrate ROGH’s mission, innate beauty, and benefit to the campus and community. The videos will be used for self-guided tours, presentations, websites, social media, and public awareness campaigns for ROGH events and educational programs.

Students:

Ross Eaton, Howard Holtzclaw, Joshua Kesner, Brandon Kratkoczki, Xi Liu, Patrick Nahlik, Blane Owen, Chandler Page, Chris Sommers, DaJanea Terverbaugh, John VanDam, Jiawen Wang, Zach Webb, Dalton Williams, Shiqi Wu, Jianxin Wu

Faculty Mentors: Tim Pollard, Department of Telecommunications; Suzanne Plesha, Office of Entrepreneurial Learning
Community Partner: Ball State University’s Rinard Orchid Greenhouse
With one third of children currently living below the poverty line, poverty is perhaps the most pressing issue facing Delaware County. The students in “Storytelling and Social Justice” are addressed this issue head-on by partnering with Circles of Delaware County/Second Harvest Food Bank of East Central Indiana to share stories about the challenges that individuals living in poverty face. Specifically, “Storytelling and Social Justice” students worked with members of the Circles/Second Harvest community to create both a polyvocal memoir (a compilation of many first-person narratives) and several YouTube videos featuring stories of poverty and empowerment. We circulated the memoir and YouTube videos to the Muncie community and beyond. Circles and Second Harvest Food Bank will also be able to use these materials to both raise awareness and galvanize community support.

Students:
Adore Davis, Meredith Dickerson, Hunter Garrison, Britney Kendrick, Malikah McMillan, Dillon O’Nail, Ciara Smith, Zoe Taylor, Levi Todd

Faculty Mentor: Emily Ruth Rutter, Department of English
Community Partner: Circles of Delaware County/Second Harvest Food Bank
Students in this project executed a full-service, customized marketing research project with Sun King Brewery. Sun King Brewery is Indiana’s largest craft brewery, based in Indianapolis. About 75 students worked on this project to deliver data-driven recommendations to Sun King.

Sun King Brewery Market Research Project

Students:

Faculty Mentor: Rebecca VanMeter, Department of Marketing
Community Partner: Sun King Brewery
The TEAM 2 project implemented a reading intervention program with at-risk youth at the Youth Opportunity Center (YOC), a residential treatment facility in Muncie. Students in this project studied psychological, environmental and cultural factors that contribute to reading difficulties, and developed skills in applying proven reading strategies. This project is tied to an education-focused research study related to youth in the juvenile court system at YOC. Working collaboratively with the YOC, students spent the semester making a real difference in the lives of young people. Through funding by the National Institute of Justice, this project started in summer 2016 and will continue until spring 2018.

Students:
- Vicki Baur
- Megan Chalfant
- Morgan Clark
- Estrella Gonzalez
- Krista Kranz
- Mac Mckinney
- Tonia Morales-Zelaya
- Mike Moses
- Devyn Phillips
- Abby Reiff
- Lindsay Rye
- Amanda Wadman
- Taylor White
- Shelby Zann

Faculty Mentors:
- Ruth Jefferson, Department of Special Education
- Janay Sander, Department of Educational Psychology

Community Partner:
- Youth Opportunity Center
Immersive Learning offers students the opportunity to connect with communities, businesses, and state agencies to collaboratively develop solutions to community challenges.

The information presented here, correct at the time of publication, is subject to change. Ball State University practices equal opportunity in education and employment and is strongly and actively committed to diversity within its community.

www.bsu.edu/immersive