2015

Lake Campus Academic Program Review, 2014

Wright State University Lake Campus

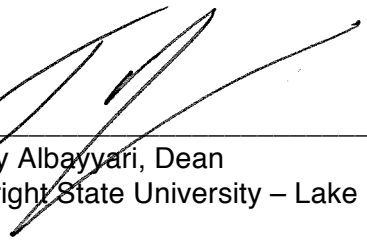
Wright State University – Lake Campus

Academic Programs Reviewed:

1. Biological Sciences, A.S.
2. Business and Administration, A.S.
3. Chemistry, A.S.
4. Communication Studies, A.A.
5. Earth and Environmental Sciences, A.S.
6. Graphic Design and Visual Media, A.A.B.
7. History, A.A.
8. Integrated Science Studies, B.S.
9. Liberal Studies, A.A.
10. Nursing, B.S.N.
11. Office Information Systems – Applied Business Technologies, A.A.B.
12. Organizational Leadership, B.S.
13. Psychology, A.A.
    a. Psychology, Minor
14. Social Work, A.A.
15. Sociology, A.A.
16. Technical and Applied Studies, B.T.A.S.
17. Technical Study, A.T.S. (Agriculture, Food Science, Law Enforcement/Academy, SkillsTrac)

Program Review Committee:

1. Cynthia Berelsman, Senior Lecturer, Business Technology
2. Mark Cubberley, Associate Professor of Chemistry and Director of Academic Programs
3. Giovanna Follo, Assistant Professor of Sociology
4. Christine Junker, Assistant Professor of English and Director of Faculty Development and Student Success Center
5. Teresa Richter, Instructor, Graphic Design and Visual Media



Jay Albayyari, Dean
Wright State University – Lake Campus

Biological Sciences, A.S.

Program Description

The teaching and research associated with Associate of Science degree in Biological Science is conducted in modern, well-equipped classrooms and laboratories. The curriculum fosters critical thinking and scientific reasoning through the many courses offered across the two-year degree, including foundational courses in cells and genes and organisms and ecosystems, as well as sophomore- level courses in ecology, invertebrate zoology, and molecular and classical genetics. The program provides students with training in mathematics, statistical analyses, scientific writing, and offers opportunities to engage in research. The Associate of Science degree in Biological Sciences curriculum offers a broad, integrated, and in-depth approach to the life sciences that establishes a solid background in biology, satisfies the curricular requirements for continuing on in a Bachelor of Science degree in Biological Sciences, or allows a transition into a career which requires an Associate of Science degree in the sciences.

Alignment with University Mission and Strategic Plan

The program aligns with Wright State University's mission and strategic plan by incorporating all University core values. Keeping with the University's goal to "produce talented graduates with the knowledge and skills essential for critical thinking, meaningful civic engagement…and lifelong learning," the Associate of Science degree in Biological Sciences encourages scholarly research and directs students toward clear educational and professional goals. The Lake Campus has a strong commitment to students by providing them with opportunities for academic and professional growth.

Program Distinctiveness

An Associate of Science degree in Biological Sciences prepares students as entry-level technicians or for articulation or transfer to a Biological Sciences baccalaureate degree program. The degree offers a broad, integrated, and in-depth approach to the life sciences. The student who earns this degree may pursue jobs in biological research, medical laboratories, or ecological research. (See Recognition of the Quality of the Program.)

Recognition of the Quality of the Program

The Associate of Science degree in Biological Sciences provides students a solid foundation in the sciences. Program facilities are current and provide students an opportunity to engage the material both in the classroom and the laboratory. Program faculty are nationally recognized for research expertise and regularly publish their findings in scholarly journals and present at national conferences. Beyond the classroom, faculty provide opportunities for students to engage in research and publish their findings and present at national conferences. Program curricula

Program Learning Outcomes

1. Students will demonstrate foundational knowledge of biology in areas consistent with cells and genes through organisms and ecosystems.
2. Students will demonstrate fundamental laboratory techniques necessary to biology.

3. Students will demonstrate the ability to effectively communicate scientific findings to any audience.

Description of Learning Outcomes Assessment Program

Students are required to complete all coursework in the program, including areas of biology, chemistry, mathematics, and core courses in social sciences, arts/humanities, global traditions, and communication. Students in the program will be evaluated on the basis of proficiency in the laboratory and competency in the classroom. Final exams from BIO 1120 and BIO 1150 will be used to assess foundational knowledge. Selected lab reports from any course will be used to assess proficiency in scientific communication.

Faculty Accomplishments and Recognitions

Stephen J. Jacquemin, Ph.D.

- Southwestern Ohio Council for Higher Education (SOCHE) Faculty Excellence Award (2015)
- Wright State University Presidential Award for Faculty Excellence: Early Career Achievement Award (2015)
- Wright State University Presidential Award for Excellence: Outstanding Unit (Lake Campus Year of Compassion Participant) (2015)
- Outstanding Faculty of the Year – Wright State University Lake Campus (2015)
- Excellence in Teaching (Wright State Core Education) – Student Nominated (BIO 1070 Health and Disease) (2014)
- Jacquemin SJ, Doll JC. 2015. Macroecology of North American suckers (Catostomidae): tests of Bergmann's and Rapoport's rules. Ecology and Evolution 5(18):3895-3904. DOI: 10.1002/ece3.1637.
- Jacquemin SJ, Doll JC, Pyron M, Allen M, Owen DAS*. 2015. Effects of flow regime on growth rate in freshwater drum, Aplodinotus grunniens. Environmental Biology of Fishes 98(4): 993-1003.
- Ross B*, Jacquemin SJ, Pyron M. 2014. Does variation in morphology correspond with variation in habitat use in freshwater gastropods? Hydrobiologia 736(1):179-188.
- Jacquemin SJ, Doll JC. 2014. Body size and geographic range do not explain long term variation in fish populations: A Bayesian phylogenetic approach to testing assembly processes in stream fish assemblages. PLOS ONE 9(4): e93522. DOI:10.1371/journal.pone.0093522.
- Jacquemin SJ, Pyron M, Allen M, Etchison L. 2014. Freshwater drum (Aplodinotus grunniens Rafinesque) diet in the Wabash River: effects of body size, river location, and sex. Journal of Fish and Wildlife Management 5(1): 133-140.
- Jacquemin SJ, Pyron M. 2013. Effects of allometry, sex, and river location on morphological variation of freshwater drum Aplodinotus grunniens in the Wabash River, USA. Copeia (4): 740-749.
- Perry WL, Jacks AM, Fiorenza D, Young M, Kuhnke R, Jacquemin SJ. 2013. Effects of water velocity on the size and shape of rusty crayfish, Orconectes rusticus. Invited submission – Special Issue – Crayfish Biology, Ecology, and Conservation, Freshwater Science (JNABS) 32(4): 1398-1409.
- Jacquemin SJ, Pyron M. 2011. Impacts of past glaciation events on contemporary fish assemblages of the Ohio River basin. Journal of Biogeography 38(5): 982-991.

- Excellence in Teaching (Wright State Core Education) – Student Nominated (BIO 1050 Biology of Food) (2014)
- Over 25 articles published in peer refereed journals and over 50 invited and contributed talks/presentations at regional, national, and international conferences.

Capacity for Growth of Program

Enrollment in the Associate of Science degree in Biological Sciences program may increase if students seek this credential en route to a Bachelor of Science degree in Biological Sciences or Integrated Science Studies.

Business and Administration, A.S.

Program Description

The Associate of Science degree in Business and Administration is designed to prepare students to pursue a bachelor's degree in business with majors in accountancy, economics, finance, management, and marketing. A knowledge of basic business functions and an awareness of the businessperson's responsibilities in the political, social, and economic order of society are fundamental objectives of the program

Alignment with University Mission and Strategic Plan

The Associate of Science degree in Business and Administration provides initial access to the overall Business curriculum. This meets the primary mission of the University for providing a solid foundation for student success at all levels. Any student in the University may add this associate degree to extend their major field of study with a Business background, enabling potential career opportunities, thereby driving the economic revitalization of the region.

Program Distinctiveness

This program is designed to blend nicely with the rest of the Raj Soin College of Business. The courses are chosen carefully to provide students with a unique taste of the Business curriculum while providing the core business courses that would be needed to pursue a business bachelor's degree.

Recognition of the Quality of the Program

Please refer to the Raj Soin College of Business recognitions.

Program Learning Outcomes

The Raj Soin College of Business is accredited by AACSB, which requires that the college as a whole (with the exception of departments holding individual accreditation) participate in a combine set of learning outcomes (Learning Goals and Objectives as in AACSB naming convention). This program does not have an individual accreditation and as such participates in the following learning goals and objectives as the college:

LG 1. Students will know the skills associated with the functioning of an effective organization in a global environment.

> LO 1.1. Students will understand and develop the skills necessary to manage the resources needed for organizational success and sustainability.
>
> LO 1.2. Students will understand and know how to analyze the dimensions of the global environment.

LG 2. Students will be able to integrate the skills and concepts associated with the function of an effective organization.

LO 2.1. Students will understand stakeholder relationships and stakeholder engagement strategies that foster organizational success.

LO 2.2. Students will understand the processes involved in idea creation and development, production, and distribution of quality products and services.

LG 3. Students will develop effective communication skills.

LO 3.1. Students will demonstrate an ability to communicate effectively in writing.

LO 3.2. Students will demonstrate an ability to communicate effectively in oral form.

LO 3.3. Students will demonstrate knowledge of effective communication skills in a digital environment.

LG 4. Students will cultivate a capacity for leadership and develop the competencies associated with ethics and an understanding of social responsibility.

LO 4.1. Students will be able to recognize, analyze and resolve ethical and social responsibility issues.

LO 4.2. Students will know how to develop and promote an ethical and socially responsible organizational culture.

LO 4.3. Students will know how to effectively lead and collaborate with others.

Description of Learning Outcomes Assessment Program

The Raj Soin College of Business has adopted a system developed by Dr. Arijit Sengupta called AMP (Assess My Program) that provides a multi-user, multi-role standardized assessment process. This system is being used to handle all assessment data. The system was adopted after the Wright State University semester conversion, so data is available in this system from Spring 2013 onwards. AACSB requires that the college provide data from two assessment cycles over the past 5 years. For the purpose of AACSB, the following cycles have been adopted:

Cycle 1: Spring 2013 – Fall 2013
Cycle 2: Spring 2014 – Fall 2014
Cycle 3 (current/incomplete): Spring 2015 – Fall 2015

The data for Spring 2015 is currently being collected and will not be available for analysis until the beginning of 2016, when the AACSB continuous improvement review takes place.

Summary of assessment findings for past five years

A complete report containing the assessment findings for the last five years based on the cycles described above (only Cycle 1 and Cycle 2 are represented) is included as a separate attachment. (See Appendix 4 – Draft Assessment Finding Report – 2013-2015.)

Major Curricular Changes Since Last Review

Major curricular changes that have taken place over the last two cycles are included in the attached assessment report. Note that because of AACSB review, this curricular change report is still being constructed and the report is expected to be completed by August 2015. For the purpose of this review, the report from the previous accreditation cycle is also included. (See Appendix 3 – Draft Assessment Finding Report – 2013-2015.)

Graduate placement data, employer satisfaction

No placement data is collected specifically for this minor.

If program has professional accreditation, attach most recent review findings and recommendations

See Appendix 2 – 2011 AACSB Accreditation Letter – Business.

Chemistry, A.S.

Program Description

The Associate of Science degree in Chemistry prepares students for work as entry-level technicians, or articulates to a chemistry baccalaureate degree program. Employment possibilities include positions in chemical research, medical laboratories, pharmaceuticals, the petroleum industry, plastics and/or chemical manufacturing. As additional employment opportunities are available with a bachelor of science degree in chemistry, students should consider continuing with their chemistry education at the Dayton Campus of Wright State University.

Alignment with University Mission and Strategic Plan

The Associate of Science degree in Chemistry "builds a solid foundation for student success" through high-quality chemistry courses that prepare students for advanced work in chemistry and other natural sciences, and "drive(s) the economic revitalization" of West Central Ohio through high-quality chemistry courses that provides students with foundational chemistry knowledge and laboratory skills necessary to enter the workforce.

Program Distinctiveness

- Full-time, permanent faculty (with Ph.D.) teach 100% of the total chemistry offerings.
- Course enrollments do not exceed 50 students. Laboratory enrollments do not exceed 20 students.
- Classroom and laboratory facilities are safe, well-equipped, modern, and properly maintained.

Recognition of the Quality of the Program

Students who transfer to a chemistry baccalaureate program or a baccalaureate program that requires substantial work in chemistry are adequately prepared for the rigors of advanced work. (Anecdotal evidence.)

Program Learning Outcomes

1. Students graduating with an associate degree in chemistry should be proficient in the skills of foundational chemistry. They should:

    - have a functional knowledge of inorganic and organic chemistry;
    - be able to apply this functional knowledge to solve problems;
    - be competent in the chemistry laboratory; and
    - be able to clearly communicate chemical information, both orally and in writing.

2. Students graduating with an associate degree in chemistry will be prepared for entry-level employment or matriculation into a chemistry baccalaureate degree program.

Description of Learning Outcomes Assessment Program

Functional knowledge will be measured in CHM 1220 and CHM 2120 using American Chemical Society (ACS) standardized exams in general chemistry and organic chemistry. Competency in the chemistry laboratory will be measured using at least one laboratory assessment activity in CHM 1210/1220 and CHM 2110/2120. Ability to clearly communicate chemical information will be measured using formal post-laboratory reports.

Surveys will be used to assess students' self-perception of preparation for employment or upper-level work in chemistry or other natural sciences requiring foundational work in chemistry.

Major Curricular Changes Since Last Review

BIO 1120, BIO 1150, and an elective course removed. MTH 2310 added. Students pursuing a bachelor of science degree in chemistry encouraged to take PHY 2400, PHY 2400L, PHY 2410, PHY 2410L (to satisfy Element 6 Core requirements), and MTH 2320 prior to matriculation. (2016)

The proposed changes in the curriculum will decrease the total credits required for the Associate of Science degree in Chemistry to sixty, while simultaneously aligning the curriculum with that of the Bachelor of Science in Chemistry.

Faculty Accomplishments and Recognitions

Dave R. Benson, Ph.D.

- Kanawade, V., Benson. D. R., Lee, S-H. "Statistical analysis of 4-year observations of aerosol sizes in a semi-rural continental environment." *Atmos. Environ.* 59 (2012): 30-38.
- Benson, D. R., Yu, J. H., Markovich, A., Lee, S-H. "Ternary homogeneous nucleation of H_2SO_4, NH_3, and H_2O under conditions relevant to the lower troposphere." *Atmos. Chem. Phys.* 11 (2011): 4755-4766.
- University Fellowship Award, Kent State University (2009-2010)

Mark S. Cubberley, Ph.D.

- Turnbull, Kenneth; Cubberley, Mark. "Design, Synthesis, and Self-Assembly of a Novel DNA Mimic." Grant. Wright State University, 2014. $17,600.
- Mahoney, J; Turnbull, K.; Cubberley, M. "Bismuth Triflate Catalyzed Friedel-Crafts Acylations of Sydnones." *Synth. Comm.* 42 (2012): 3220-3229.
- Lake Campus 2011-12 Outstanding Faculty Teaching Award

Capacity for Growth of Program

The addition of the Bachelor of Science degree in Mechanical Engineering at the Lake Campus has increased the course enrollments of CHM 1210 and CHM 1210 L (program requirements).

The addition of the Bachelor of Science in Integrated Science Studies at the Lake Campus should increase the course enrollments of CHM 1220, CHM 1220L, CHM 2110, CHM 2110L, CHM 2120, and CHM 2120L (program requirements).

Proposals to Enhance Program

Some consideration should be given to providing Lake Campus students access to standard chemistry instrumentation, such as a gas chromatograph, FTIR, FT-NMR, and mass spectrometer.

Communication Studies, A.A.

Program Description

The Associate of Arts in Communication Studies prepares students for work in a variety of communication-related fields or to articulate to a communications baccalaureate degree program. Employment possibilities include education, industry, government, media, and a variety of other fields. Because additional employment opportunities are available with a bachelors of arts in Communication Studies, students should consider continuing with their Communications Studies education at the Dayton Campus of Wright State University.

Alignment with University Mission and Strategic Plan

The Associate of Arts degree in Communication Studies "builds a solid foundation for student success" through high-quality communications courses that prepare students for more advanced work in the field, and "drive(s) the economic revitalization" of West Central Ohio through high-quality communications courses that provides students with foundational communication knowledge necessary to enter the workplace.

Program Distinctiveness

- Full-time, permanent faculty (with Ph.D.) teach most of the total communication offerings.
- Course enrollments are small and intimate, allowing for a good deal of one-on-one interaction.
- Courses include multimode and innovative pedagogy strategies.
- High level of faculty engagement.

Recognition of the Quality of the Program

Students who transfer to a Communication Studies baccalaureate program are adequately prepared for the rigors of advanced work (anecdotal evidence).

Program Learning Outcomes

1. Students will be able to communicate effectively with both written and oral skills.
2. Students will analyze from a social scientific perspective how humans create, transmit, receive and respond to messages. Intrapersonal and interpersonal communication is the emphasis of study for this degree.
3. Students will participate in democratic society as informed and civically engaged citizens.

Description of Learning Outcomes Assessment Program

A multi-methodological approach will be used to assess the program learning outcomes for the Associate of Arts in Communication Studies program. Surveys, content analyses of random samples of assignments and longitudinal surveys will be conducted

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

Communicating effectively is an essential skill for students graduating from Wright State University. This skill is mission critical for Wright State University to prepare students to contribute to a democracy as an informed citizen. The Associate of Arts in Communication Studies program focuses on delivering reliable and valid information across groups. The encoding and decoding messages relative to varied audiences within dynamic environments are skills that majors highlight. These processes are essential or core to the Wright State educational experience because these are the processes that inform and shape our country and countries around the world.

Faculty Accomplishments and Recognitions

Sharon A. Showman, Ph.D., M.Div.

- Wright State University 2015 President's Award for Excellence for Outstanding Collaborative Unit - WSU-Lake Campus Year of Compassion 2013-2015 (Founder /Facilitator).
- Recognized by Dr. Carol S. Loranger, Chair, WSU-Dayton Department of English Language and Literatures via a letter to WSU-Lake Campus Dean, Bonnie Mathies, for having two students, one from the REL 2040 The Bible & Western Culture and one from the CST 2320 Nonwestern Religions Fall Semester, 2014 classes achieve recognition for having their class papers published in the first volume of Best Integrated Writing: Journal of Excellence in Integrated Writing at Wright State University, Fall 2014.
- Excellence in Teaching with Writing Across the Curriculum, 2010 Wright State University-Dayton, OH.
- *Communication As Lying and Deception: The Criminal Justice System and You*, Summer Forensics Camp, (Dr. Dennis Bulen, Director), Wright State University - Lake Campus, August 5, 2014 .
- *The Tao & the Professor*, Ohio Association of Two-Year Colleges, 2014 Annual Conference, Wright State University—Lake Campus, Celina, OH, October 10, 2014
- *Using the Business/Organizational Workplace as a Model for Reframing, and Reinterpreting the Framework of the College Class*, Ohio Association of Two-Year Colleges, 2014 Annual Conference, Wright State University—Lake Campus, Celina, OH, October 10, 2014.
- *Don't Ask Me to Talk! I Won't Do It! I Can't Do It! You Can't Make Me!: Defeating Communication Apprehension Before It Destroys Your Grade, Promotion at Work, or Quality of Life*, Wright State University-Lake Campus, Student Success Center Workshop Series, 2014.
- *Women & Religion*, WMS 2000 Women Studies Class (Dr. Christine Wilson), 2014
- *What **Do** Faculty Want?,* New Student Orientation, Wright State University-Lake Campus, 2013.

Capacity for Growth of Program

The Associate of Arts in Communication Studies program is an effective introduction to a number of different degrees and programs offered at the Lake Campus. As such, as campus enrollment increases, enrollment in the Associate of Arts in Communication Studies program will also increase

Earth and Environmental Sciences, A.S.

Program Description

The Associate of Science in Earth and Environmental Sciences (EES) program is designed to provide students with a high quality of education that will prepare them for studies at the bachelor level or for professional career employment. The program provides a thorough foundation of knowledge in the earth and environmental sciences via a combination of lecture, lab, and field experiences. The program also provides students with training in mathematics, statistical analysis, chemistry, scientific writing, and opportunities to participate in research.

Alignment with University Mission and Strategic Plan

The Associate of Science in Earth and Environmental Sciences (EES) program aligns with Wright State University's mission and strategic plan by incorporating and promoting all University core values. The program encourages scholarly research, core classroom mastery, and directs students toward clear career paths in the earth and environmental sectors. The EES Department has a faculty base with a demonstrable commitment to service, learning, and to the economic revitalization of our region. Program faculty bring to the classroom experience in paleontology, geology, environmental science, hydrology, geochemistry, and biology. In addition, the program's faculty have collaborated with regional professionals to enhance the opportunities for research in Earth and Environmental Science.

Program Distinctiveness

- Solid research opportunities for students.
- Supported advancement to the bachelor level.
- Laboratories, equipment, and software that provide program students with industry standard training.
- Unique field experiences for students that enhance the students learning experience above the requirements of the program description.
- Program supports a solid balance in earth environmental science, chemistry, biology, and math. This knowledge base is exceptional among Ohio universities with enrollment below 2000 students. Also, the program supports the local region's demands for various earth and environmental science jobs.

Recognition of the Quality of the Program

- Program faculty are nationally recognized for their research expertise and regularly invited to present at professional meetings.
- Program faculty obtain external grants supporting students and are joined by student co-authors on peer-reviewed papers.
- Program students provide presentations at national professional meetings.

Program Learning Outcomes

1. Students will demonstrate the knowledge to apply fundamental concepts of earth and environmental science and be able to solve problems applying that knowledge

2. Students will demonstrate fundamental field techniques necessary to the solution of earth and environmental science problems
3. Students will demonstrate the ability to write in a style consistent with that found in a scientific journal
4. Students will demonstrate proficiency on a standardized test prior to graduation. The test will be the culmination of EES 2510, EES 2550, EES 2600, and the programs field experience, EES 3990.

Description of Learning Outcomes Assessment Program

1. Students will be required to complete field and classroom studies that show mastery of earth and environmental science, biology, chemistry, and statistics.
2. Students will be evaluated on their proficiency of fundamental field and laboratory techniques and writing reports based on their classroom, lab, and field experiences.
3. These exercises are evaluated for their content and conceptual understanding of program material.
4. This will be accomplished by a standardized tested, prior to graduation, to be taken in Term Four, EES 3990. This test will cumulative knowledge of the following core EES classes; 2510, 2550, 2600, and 3990

Faculty Accomplishments and Recognitions

Charles N. Ciampaglio, Ph.D.

- Outstanding Faculty of the Year Award Wright State University – Lake Campus (2014)
- Outstanding Faculty Scholarship Award Wright State University – Lake Campus (2012)
- Outstanding Faculty of the Year Award Wright State University – Lake Campus (2011)
- Ciampaglio, C. N., Cicimurri, D. J., Ebersol, J. A., and Runyon, K. E., 2013, A previously undescribed Selachian and Teleost Fauna from Late Cretaceous (Santonian) Eutaw Formation, Columbus County, Mississippi, Alabama Museum of Natural History Bulletin 31, V. 1, 84-97.
- Ciampaglio, C. N., and Cicimurri, D. J, Deuter, L. H., and Taylor, M. A., 2013, A Review of the Chondrichthyans from the Mississippian System of Northern Alabama, USA, Alabama Museum of Natural History Bulletin 28, V. 1, 67-80.
- Ciampaglio, C. N. and Osborn, 2011, A., A New Species of Schizaster (Echinoidea, Spatangoida) from the Late Pliocene (Placenzian) Intracoastal Formation of Liberty County, Florida, Southeastern Geology, V. 48 (2), 95-102.
- Ciampaglio, C. N. and Osborn, A., and Weaver, P. G., 2009, A New Species of Plagiobrissus from the Late Early Pliocene (Piacenzian) Goosecreek Limestone of Northeastern South Carolina, Southeastern Geology, V. 46 (4).
- Ciampaglio, C. N. and Weaver, P. G., 2008, Two new genera of Coleoidea from the Chickasawhay Limestone (Oligocene) of Alabama, Neues Jahrbuch für Geologie und Paläontologie, V. 250:1, pp. 103-111.

Angela A. Clayton, M.S.

- Instructor of The Year, Wright State University – Lake Campus (2012)

- Outstanding Graduate Teaching Assistant, College of Science and Mathematics, Wright State University (2008)
- Clayton, A.A., Ciampaglio, C.N., Cicimurri, D.J., 2013 “An Inquiry into the Stratigraphic Occurrence of a Claibornian (Eocene) Vertebrate Fauna from Covington County, Alabama”. Bulletin of the Alabama Museum of Natural History, 31 (2): 60-73.
- Ciampaglio, C. N., Clayton, A. A., and Meehan, C., “Analysis of Chondrichthyan Generic Richness, Morphological Diversification, and Ecospace Diversity Across the Permian-Triassic Boundary”, North-Central Meeting, 2009, Geological Society of America *Abstracts with Programs*, Vol. 41, No. 4, p. 58. Clayton, A. A., Ciampaglio, C. N., and Carney, C. K., “Analysis of Patterns and Processes of Chondrichthyes Across the Permian- Triassic Boundary”, North-Central Meeting, 2008, Geological Society of America Abstracts with Programs, Vol. 40, No. 5, p. 85.

Graphic Design and Visual Media, A.A.B.

Program Description

The Associate of Applied Business in Graphic Design and Visual Media prepares students for work in a communication-based career, or articulates to the Bachelor of Technical and Applied Studies programs in Graphic Design and/or Multimedia Design. This program is intended for students wanting to develop foundational skills in graphic and multimedia design.

Alignment with University Mission and Strategic Plan

The Associate of Applied Business in Graphic Design and Visual Media supports Wright State University's mission of building a solid foundation for student success by preparing students for entry-level positions in local industry. The program drives economic revitalization of the region by providing a skilled and technical workforce.

Program Mission Statement

We change the lives of students and the communities in which they live by preparing them to enter the workforce prepared with applied skills in design software, branding, packaging, web development, promotion, and advertising design. Students will use skills and techniques to develop design elements for communications, identity, marketing and other business-related areas.

Program Distinctiveness

- Program faculty emphasize student success by assisting students not only in their academic endeavors but in their career development as well.
- The Associate of Applied Business in Graphic Design and Visual Media program provides numerous opportunities for applied learning.
- Internships are emphasized.
- The Associate of Applied Business in Graphic Design and Visual Media program integrates applied learning with community service.

Recognition of the Quality of the Program

- Students participate and win awards in local and national competitions.
- Positive feedback from employers who have hired graduates of the program.
- Graduates endorse the program.
- Community support through field trip opportunities, guest speakers, community projects, etc..

Program Learning Outcomes

1. Students will demonstrate effective written, oral, and digital communication skills.
2. Students will conceptualize and apply communication design skills to develop solutions for challenging situations within an organizational setting.
3. Students will be ethical and socially responsible.

4. Students will demonstrate proficiency with current industry-standard software used in graphic and multimedia design.

Description of Learning Outcomes Assessment Program

The learning outcomes assessment program will be developed Spring 2016. Pilot and TaskStream will be used to collect and evaluate program assessment data over the next four years.

Major Curricular Changes Since Last Review

The curriculum has recently been revised to address industry needs. Classroom hardware and software has been updated to be consistent with industry standards.

Faculty Accomplishments and Recognitions

Teresa L. Richter, M.S.

- Developed curriculum for the Graphic Design and Multimedia Design programs at Wright State University – Lake Campus
- Ohio Board of Regents panel expert for Interactive Media (2013-2014)
- Lead Panel Member for CTAG Reviews for State Board of Regents (2015)
- Wright State University – Lake Campus, Adjunct of the Year (2010)
- Lake Campus Research and Professional Development Grant (2013/2014)
- Presentation at Graphic Design at Career Development Day (2014 and 2015)
- Supervised GAERF award winning student (2013)
- Developed educational lessons for 20+ design employees of Reynolds and Reynolds on the training of successful unified marketing design. Presented three series of lectures to over 300 employees of Reynolds and Reynolds, both U.S. and Canada sales representatives, on design connection and marketing of their service products (2012)

Capacity for Growth of Program

There is an increasing demand for advanced skill development in the fields of graphic and multimedia design in northwestern Ohio.

New Program Opportunities

Additional online courses will be added to the curriculum as many students in the Associate of Applied Business in Graphic Design and Visual Media program are working full or part-time.

History, A.A.

Program Description

A background in History offers knowledge about different societies and cultures across a wide span of time and allows students to understand changes and evaluate decisions made across historical periods. The study of history helps students take their place in the modern world, as it places contemporary events in a longer historical context and thus helps us to understand the present by looking at the past. The study of history teaches students how to think critically, use evidence, and consider points of view. The acquisition of these skills will position students well if they choose to continue on into a baccalaureate and/or graduate degree program, and will, more broadly, enable program graduates to be productive members of society and the economy in the decades to come.

Alignment with University Mission and Strategic Plan

The Lake Campus History faculty members are developing—and through yearly assessment measures will continue to refine—a program that is closely aligned with the university mission and strategic plan. The Associate of Arts in History program offers a high-quality program of study, as evidenced by the achievements and community engagement of its students and faculty. The program offers courses in both traditional and online formats that allow students to engage with different cultures, historical figures, and ideologies dating from the pre-classical period to the recent past, as they continue to develop their writing, critical thinking, and communication skills. The study of History prepares students to become thoughtful citizens who are engaged with their community, who can communicate clearly in a variety of formats, who understand the complexity of our world today, and who are prepared for the jobs of the future.

Program Distinctiveness

The Associate of Arts in History program at the Lake Campus features two faculty members with very different, yet complementary, foci. One faculty member received a Bachelor of Music degree before embarking on a career in the History of Science, and thus integrates a wide array of the arts, philosophy, and science in teaching that focuses on the history of ideas. Another received an M.A. in Political Science in addition to a Ph.D. in History, and is an expert in military and diplomatic history – hence an additional strength of the Lake Campus offerings.

Furthermore, the faculty members in history traditionally—and presently—are leaders at the campus in both study abroad programs and cultural enrichment. History faculty members from the Lake Campus organize and lead study abroad programs at least every other year for the last couple of decades. The faculty in History have also developed the Cultural Enrichment Club for students (taking students to museums, performances, and organizing campus celebrations of world cultures), and play a leading role in sponsoring cultural and artistic events on campus.

Recognition of the Quality of the Program

Although clearly focused on general education offerings, the History faculty have been exceptionally industrious. Associate Professor Dane Daniel has forged excellent relations with his counterparts in Dayton to teach synchronous upper-level History of Science classes, thus working with Dayton and Lake Campus students at the same time; such has led to increased

course opportunities for Lake Campus students. His involvement with the creation of a minor in Medical Humanities at the Dayton Campus will further enlarge Lake Campus offerings. As the leader of the History Program at the Lake Campus—and in recognition of his research, service and teaching—he received Wright State's Presidential Award for Faculty Excellence (Early Career Development) in 2009. Additional information on the faculty's professional achievements may be found under "Faculty Accomplishments and Recognitions" below.

Program Learning Outcomes

Students with an Associate of Arts in History degree will be able to:

1. Write proficiently
2. Understand the methodologies that historians use, and
3. Analyze primary sources and secondary works in order to arrive at coherent and well-organized conclusions

Description of Learning Outcomes Assessment Program

Annually, the members of the Lake History Faculty will read and assign a numerical rating, using the rubric below, to papers written by students in history classes offered at the Lake Campus. The courses from which papers will be read will be rotated each academic year (i.e., some reviews will involve survey-level courses, others will assess papers produced for upper-level courses).

The rubric utilized will be as follows: each paper will be given a rating of "E" ("excellent"), "S" ("satisfactory"), or "U" ("unsatisfactory) for each of the following benchmarks:

- The student's work demonstrates writing proficiency
- The student's work demonstrates a command of the methodology employed by historians
- The student's work demonstrated the analytical, organizational, and critical skills desired

Major Curricular Changes Since Last Review

At present, the Associate of Arts in History program is undergoing revision to bring it into compliance with Wright State University requirements that associate programs not exceed 60 credit hours (in its previous version, the Associate of Arts in History required 62 credit hours to complete). This revision has been achieved by removing one three-credit-hour elective, and allowing several one-credit-hour electives.

Graduate Placement Data and Employer Satisfaction

Students receiving an Associate of Arts in History degree are prepared to succeed in a variety of professional environments, or to continue their studies in a number of academic fields, such as History, Education, Law, or Political Science. The Lake Faculty will be devising a questionnaire regarding students' planned employment or future study—this questionnaire will be distributed to students at the conclusion of their final semester in the program. At this point, no reliable system has been developed to track graduates within several years following completion of the program.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

Wright State University's mission statement declares its commitment to building a solid foundation for student success at all levels, and empowering students to develop professionally, intellectually, and personally. As noted above, pursuing the study of History prepares students to be productive citizens and community members, and does so in a variety of ways. It encourages the development of critical thinking skills, and helps students learn to write proficiently. The study of world history and cultures is invaluable in allowing students and graduates to understand the increasingly interconnected world of the 21st Century. This package of skills offers great benefits to associate degree program graduates whether they choose to continue their study in History or move to other academic disciplines.

Faculty Accomplishments and Recognitions

Dane T. Daniel, Ph.D.

- Wright State University, 2 Semesters of Professional Development Leave (2014-15)
- Wright State University Lake Campus, Outstanding Faculty Service Award (2012)
- Wright State University Lake Campus, Outstanding Faculty Teaching Award (2011)
- Wright State University General Education Excellence in Teaching Award (2010)
- Wright State University Lake Campus, Outstanding Faculty Research Award (2010)
- Wright State University, President's Award for Early Career Achievement (2008)
- Wright State University Lake Campus, Outstanding Faculty Service Award (2007)
- Partington Prize for the paper, "Rethinking Paracelsus' Concept of Body and Matter." Awarded every three years by the Society for the History of Alchemy and Chemistry (London) for an original and unpublished essay on any aspect of the history of alchemy or chemistry (2005)

Steven J. Pedler, Ph.D.

- Bowling Green State University's Distinguished Dissertation Award in 2012-2013.
- Two-time winner of the Lawrence Friedman Award for Best Thesis and/or Dissertation, awarded by the BGSU Department of History. He is the only person to have received the Friedman Award twice.

Capacity for Growth of Program

At present, the Associate of Arts in History program is very small, as the number of full time-faculty is also very small (two, one of whom teaches courses in two other disciplines). Moreover, both faculty members and administration have been focused upon identifying the optimal range of course offerings that meets the needs of the Lake Campus. As a result of these factors, the program's outreach and recruitment efforts have, to this point, been minimal. However, as the scheduling process becomes more routinized, opportunities should arise for outreach efforts that serve to raise the profile of the program. These efforts may include, but will not be limited to, contact with administration and students at local high schools, increased participation by faculty members at community events, and the development of updated literature and other materials which will allow interested local students to familiarize themselves with the program. As mentioned earlier, the Lake Campus will be able to offer a wider variety of classes in the future

insofar as the faculty is engaged with the newly formed Medical Humanities Program. Given the increase in medical students (including Nursing) at the Lake Campus, the wider of array of humanities offerings with medical and scientific purviews will be helpful. The History program also provides considerable benefit to the Lake Campus's Education programs, as many Education majors must complete upper-division courses in History in order to complete their program of study.

Proposals to Enhance Program

Opportunities exist to enhance the effectiveness of the program. In the upcoming years, the biggest challenge will be providing an adequate array of course offerings given the small number of full-time faculty (two, at present). This situation is exacerbated because Dr. Pedler teaches multiple courses in Political Science during the course of the academic year. If the Lake Campus were to find itself in the position to hire a full-time faculty member to cover courses in Political Science, this would free Dr. Pedler to cover additional History courses (while simultaneously allowing for an expansion in the number and range of political science courses taught at the Lake Campus). If this additional hiring were to take place, it would allow both Dr. Daniel and Dr. Pedler to engage in development of additional upper-division History offerings, which would, in turn, make the History A.A. program attractive to students with interests beyond those covered by existing offerings.

The History Department is also going expand the number and variety of its Honors courses. In Spring 2016, the Lake Campus will offer an Honors course in History for the first time since 2007. From this point, Honors classes in History—and in general—will become more customary at the Lake Campus.

Integrated Science Studies, B.S.

Program Description

The Bachelor of Science in Integrated Science Studies program is designed for students interested in careers that require a broad understanding of science, such as scientific sales for biotechnology and pharmaceutical companies. Students with this degree will also be prepared for graduate and professional study that benefits from an interdisciplinary foundation in science (e.g. public policy, journalism, law, and healthcare studies).

Alignment with University Mission and Strategic Plan

The Bachelor of Science in Integrated Science Studies program:

- "builds a solid foundation for student success" through high-quality science courses that prepare students for more advanced work in the field, and;
- "drive(s) the economic revitalization" of West Central Ohio through high-quality science courses that provide students with a broad knowledge of science necessary to enter fields such as laboratory technicians, environmental consulting, pharmaceuticals, natural resources management, education, and future graduate work

Program Distinctiveness

- Integrated science program that encompasses biology, chemistry, earth and environmental science, mathematics, physics, and psychology.
- Well-balanced, diverse, and well-published faculty.
- Commitment to faculty-led student research, including peer-reviewed publications and presentations at national conferences.
- Small class sizes with one-on-one attention for students.
- One-of-a-kind program not available at other regional or state universities.

Program Learning Outcomes

1. Students will demonstrate effective communication using the scientific method.
2. Students will demonstrate competency in the four core science disciplines.
3. Students will demonstrate proficiency in laboratory skills.
4. Students will demonstrate fundamental field techniques necessary to collect data for scientific research.

Description of Learning Outcomes Assessment Program

The learning outcomes assessment program will be developed Spring 2016. Pilot and TaskStream will be used to collect and evaluate program assessment data over the next four years.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

Scientific inquiry is an essential skill for Wright State University graduates. The Bachelor of Science in Integrated Science Studies program encourages scholarly research, mastery of foundational science principles, and provides a viable pathway to professional work in integrated science sectors.

Faculty Accomplishments and Recognitions

*See **Faculty Accomplishments and Recognitions** in Biology, A.S., Chemistry, A.S., Earth and Environmental Sciences, A.S., and Psychology, A.A. program reviews.*

Capacity for Growth of Program

Additional concentrations could be added to the program to meet the needs and interests of a growing student population at the Lake Campus.

New Program Opportunities

Additional capital equipment and space would enhance the teaching and research capacity of the Bachelor of Science in Integrated Science Studies program.

Liberal Studies, A.A.

Program Description

The Associate of Arts in Liberal Studies program provides a strong foundation in core areas of critical thinking, writing and understanding society. This program allows students to tailor their academic program to match their needs and interests across a range of disciplines. In addition to the Wright State CORE courses, Liberal Studies majors will take courses in Fine Arts, Humanities, Social Sciences, as well as courses in their chosen area of concentration.

Alignment with University Mission and Strategic Plan

The Liberal Studies major offers a high-quality program of study. The Arts and Humanities unit offers courses in both traditional and on-line formats that allow students to engage with different disciplines and modes of knowledge as they continue to develop their writing, critical thinking, and communication skills. The Associate of Arts in Liberal Studies program prepares students to become thoughtful citizens who are engaged in their community, who can communicate clearly in a variety of formats, who understand the complexity of the world today, and who are prepared to continue their education or to get jobs in a variety of sectors that emphasize effective communication and thinking.

Program Distinctiveness

- Faculty members produce award-winning research and scholarship in a variety of disciplines and genres.
- Innovative courses, including online, flipped, and service-learning courses.
- High level of faculty engagement.

Recognition of the Quality of the Program

- Well-published and respected scholarship, including multiple books, peer-reviewed journal and book articles, and respected creative work.
- Award-winning faculty members.
- Invited conference speakers, including faculty and students.

Program Learning Outcomes

Students with an Associate of Arts in Liberal Studies degree will:

1. demonstrate effective written and oral communication skills in a variety of disciplines.
2. systematically access, analyze, and evaluate information and ideas from multiple sources in order to identify underlying assumptions and formulate conclusions.
3. create and support arguments using a variety of approaches.

Description of Learning Outcomes Assessment Program

Annually, the members of the assessment committee will read and assign a numerical rating, using the rubric below, to specific papers written by students in the Associate of Arts in Liberal

Studies program, as follows: the unit collects at least two 2000-level papers in appropriate integrated writing classes (included but not limited to those in Humanities, Social Sciences, or other areas of concentration) as well as the paper produced for the Professional Component cource.

Rubric for assessing all papers collected: each paper is given a rating of “E” (“excellent”), “S” (“satisfactory”), or “U” (“unsatisfactory”) for each of the following benchmarks:

- The student’s work demonstrates writing proficiency.
- The student’s work analyzes and evaluates information and ideas from multiple sources, identifies underlying assumptions, and formulates conclusions based on the evidence.
- The student’s work demonstrates the analytical, organization, and critical thinking skills desired

Nursing, B.S.N.

Program Description

The professional nurse is increasingly being viewed as the nucleus of the health care system, as well as serving as an advocate for health care consumers. Therefore, the Bachelor of Science in Nursing program prepares self-directed graduates who can function as generalists in a number of settings and work in collaboration with other health professionals to coordinate and improve the health care of individuals, families, and communities.

The nursing program at Wright State University is accredited by the Commission on Collegiate Nursing Education and approved by the Ohio Board of Nursing. Graduates of the program are eligible for the National Council of State Boards Licensing Examination (NCLEX) to become licensed as registered nurses.

Alignment with University Mission and Strategic Plan

The Lake Campus in conjunction with the College of Nursing and Health support Wright State University's mission of teaching, research, and service. The faculty believe in the acquisition of knowledge, the exploration for new knowledge, the advancement of lifelong learning, and the search for basic truth. The faculty share the commitment of the University to respond to issues affecting the diversity of the global community.

Program Mission Statement

The Wright State University–Lake Campus Bachelor of Science in Nursing program, an extension of Wright State University-Miami Valley College of Nursing and Health, provides excellence in innovative educational programs as the foundation for lifelong learning; serves our community locally, regionally, nationally, and internationally; performs scholarship that enriches and guides the profession of nursing; and empowers faculty, staff, students, and alumni to reach their full potential.

Program Distinctness

Nursing education at Wright State University—Lake Campus provides an interactive teaching-learning process within a collegial and interdisciplinary environment. Education facilitates critical thinking and inquiry, ethical insight, caring, communication, creativity, an appreciation of the past, sensitivity to societal diversity, and professional competence. Teaching includes assessing, advising, guiding, facilitating, modeling, sharing knowledge, and evaluating. Learning is a lifelong self-directed process of change that includes synthesizing knowledge, skills and values necessary for expanding the dimensions of the individual, which increasingly will include graduate study for the professional nurse.

Recognition of the Quality of the Program

- Faculty members are academically and professionally qualified and maintain expertise appropriate to their responsibilities.
- Students are prepared for professional practice by the integration of a variety of teaching – learning strategies including lecture, labs, demonstrations, and clinical experiences. The

hands on experiences facilitate the development of critical thinking and inquiry skills resulting in professional competence.
- As a graduation requirement, all students are required to complete approximately 200 hours of direct patient care in a designated health care facility with an assigned Registered Nurse.
- The availability of a quality four year BSN program in a predominantly rural setting provides an avenue for local students to learn in their own communities.

Program Learning Outcomes

Students with a Bachelor of Science in Nursing degree will:

- Demonstrate a solid base in liberal education that provides the cornerstone for the practice and education of nurses.
- Demonstrate knowledge and skills in leadership, quality improvement, and patient safety necessary to provide high-quality health care.
- Applies current evidence using clinical reasoning in one's professional nursing practice.
- Demonstrate knowledge and skills in information management and patient care technology which are critical in the delivery of quality patient care.
- Demonstrate knowledge regarding healthcare policies, including financial and regulatory, which directly and indirectly influence the nature and functioning of the healthcare system.
- Communicate and collaborate with the healthcare professionals critical to delivering high quality and safe patient care.
- Demonstrate knowledge and skills in health promotion and disease prevention at the individual and population level necessary to improve population health.
- Demonstrate professionalism and the inherent values of altruism, autonomy, human dignity, integrity, and social justice which are fundamental to the discipline of nursing.
- Demonstrate knowledge skills, and attitudes necessary to care for patients, including individuals, families, groups, communities, and populations across the lifespan and across the continuum of healthcare environments.
- Understand and respect the variations of care, the increased complexity, and the increased use of healthcare resources inherent in caring for patients.

Description of Learning Outcomes Assessment Program

The learning outcomes assessment program will be implemented during the Fall 2016 semester. The collection, assessment, analysis, and evaluation of the data will occur on a semester by semester basis. Improvements to the BSN program will be decided in part by the results of this assessment.

Professional Accreditation

The Bachelor of Science in Nursing program at Wright State University—Lake Campus is accredited by the Commission on Collegiate Nursing Education (CCNE) under the auspices of the Miami Valley College of Nursing and Health. CCNE accreditation was awarded in October 2014 for a ten-year time frame.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

The Wright State University–Lake Campus Bachelor of Science in Nursing program, an extension of Wright State University-Miami Valley College of Nursing and Health, provides excellence in innovative educational programs as the foundation for lifelong learning; serves our community locally, regionally, nationally, and internationally; performs scholarship that enriches and guides the profession of nursing; and empowers faculty, staff, students, and alumni to reach their full potential.

Faculty Accomplishments and Recognitions

Lynn M. Franck, B.S.N./M.S.

- Director of Nursing Program – Lake Campus
    - Collaborate with Assistant Dean for Undergraduate Programs in terms of program and curriculum development, implementation and evaluation of the pre-licensure BSN program at Lake Campus.
    - Develop course schedules, review and revise admission process, identify appropriate clinical sites, develop simulation lab and experiences, initiate clinical contracts, review and revise policies & procedures.
    - Select & assign faculty to teach, mentor new faculty, provide guidance & support to faculty, facilitate communication, provide input to evaluation of faculty teaching, and manage student/faculty complaints.
- Rhodes State College – NSG 2525 Course Coordinator
- Educational Concepts, LLC – Instructor of Pearls for NCLEX Success – 3 day NCLEX Review course
- Joint Township District Memorial Hospital – Staff Registered Nurse (casual basis)
- Cengage Learning – Chapter contributor to published textbooks

Capacity for Growth of Program

The need for competent caring Registered Nurses in the West Central Ohio area is evident. Health care providers in the region have consistently voiced concern over the lack of qualified RNs available for employment. To meet the needs of the healthcare providers and the community as a whole, this program is designed to offer students a four year Bachelor degree in Nursing. Since this program is the only BSN program offered in a sixty mile radius, the potential for growth is significant.

New Program Opportunities

Through this program review process, additions, changes, and new opportunities will be identified. As the program begins to develop and flourish, enhancements will be made to continue to meet the needs of the students, the faculty, health care providers and the West Central Ohio communities.

Office Information Systems – Applied Business Technologies, A.A.B.

Program Description

The Associate of Applied Business in Applied Business Technologies program prepares students for entry-level jobs in business. Students receive extensive coursework and hands-on training in various technologies. Students acquire business skills including business writing, supervisory and managerial skills using the latest software applications when appropriate. Emphasis is placed on managing the information flow in the office, handling client/customer relations, and providing effective communication within the organization. Soft skills used in the business environment, including solving problems and making decisions, are also developed. The Business Technology student in today's corporate world is a professional who is able to make decisions and use learned technology, communication skills and entry-level business expertise to advance the public image of the business for which he or she works.

Alignment with University Mission and Strategic Plan

The Office Information Systems – Applied Business Technologies supports Wright State University's mission of building a solid foundation for student success by preparing students for entry-level positions in local industry. The program drives economic revitalization of the region by providing a skilled and technical workforce.

Program Distinctiveness

The Office Information Systems – Applied Business Technologies program provides an entry-level business curriculum capable of adapting to emerging industry needs.

Recognition of the Quality of the Program

- Program faculty emphasize student success by assisting students not only in their academic endeavors but in their career development as well.
- The Office Information Systems – Applied Business Technologies program emphasizes applied learning.
- Internships are emphasized.
- The program reflects current trends in business technology.

Program Learning Outcomes

1. Students will demonstrate the ability to write a cover letter, resume and job application.
2. Students will demonstrate proficiency in multiple software packages.
3. Students will develop effective business communication skills.
4. Students will demonstrate the ability to develop a business plan.

Description of Learning Outcomes Assessment Program

The learning outcomes assessment program will be developed Spring 2016. Pilot and TaskStream will be used to collect and evaluate program assessment data over the next four years.

Major Curricular Changes Since Last Review

Three concentrations within this program have been reduced to one to make the program more relevant and rigorous. The program name was changed from Office Information Systems – Administrative Assistant to Office Information Systems – Applied Business Technologies.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

The Office Information Systems – Applied Business Technologies program is transforming the lives of students by equipping them with technical skills needed to acquire entry-level positions in the business field. The program contributes to the economic growth of the region by providing job-ready students needed for entry-level positions.

Faculty Accomplishments and Recognitions

Cynthia J. Berelsman, M.S.

- Revised the Office Information Systems – Applied Business Technologies program (2013)
- Developed curriculum for the Bachelor of Technical and Applied Studies program
- Developed curriculum for the Graphic Design and Visual Media programs
- Ohio Board of Regents panel expert for Interactive Media (2012)
- Wright State University – Lake Campus, Lecturer of the Year (2011)
- Wright State University – Lake Campus, Instructor of the Year (2007)
- "Integration of Graphic Design Classes into Digital Media Projects," 2011 AURCO Conference
- "Enhancing the Classroom Experience with Computer Projects," 2006 National Tech Prep Conference

Capacity for Growth of Program

The need for skilled employees increases as businesses advance their technology. As the technology evolves, the Office Information Systems – Applied Business Technologies program will evolve and grow. Additional online offerings within the program should attract non-traditional students hoping to increase their skillset while simultaneously working in the field.

New Program Opportunities

Program faculty will communicate with local businesses to stay abreast of organizational trends and current technologies and update the program as needed. Program faculty are also looking to increase the number of internships.

Organizational Leadership, B.S.

Program Description

The Bachelor of Science in Organization Leadership program is intended for both traditional and non-traditional students. The program develops leadership knowledge and skills related to interpersonal dynamics, communications, management, and human development. The Bachelor of Science in Organization Leadership program produces graduates with the knowledge, skills, and disposition necessary for advancement in their chosen careers with the capacity to provide comprehensive leadership, management, and communication principles to effectively lead organizations and teams.

Alignment with University Mission and Strategic Plan

The Bachelor of Science in Organization Leadership program supports Wright State University's mission of building a solid foundation for student success by preparing students for jobs in local industry. The program drives economic revitalization of the region by providing a skilled and technical workforce.

Program Distinctiveness

- Program faculty emphasize student success by assisting students not only in their academic endeavors but in their career development as well.
- The Bachelor of Science in Organization Leadership program emphasizes applied learning through capstone and service-learning courses.
- Program serves both traditional and non-traditional students seeking management/ leadership positions in the world of business, agriculture, finance, public service, and manufacturing.

Recognition of the Quality of the Program

- Employers, community leaders, and economic development professionals validate a need for advanced skill development in graphic/multimedia design, agricultural/food science, and applied business technologies/commerce.
- Program faculty emphasize student success by assisting students not only in their academic endeavors but in their career development as well.
- Internships often lead to employment.
- Employers and graduates endorse the program.
- Community support program through field trip opportunities, guest speakers, community projects, etc..

Program Learning Outcomes

Students with a Bachelor of Science in Organizational Leadership degree will:

1. Demonstrate effective written, oral, and digital communication skills.
2. Apply disciplinary skills to solve problems and deal with challenging situations in an organizational setting.

3. Demonstrate ethical and social responsibility.

Description of Learning Outcomes Assessment Program

The learning outcomes assessment program will be developed Spring 2016. Pilot and TaskStream will be used to collect and evaluate program assessment data over the next four years.

Summary of Assessment Findings over Past Five Years

Strengths: (anecdotal)
- Positive feedback from graduates and employers
- Graduates endorse the program
- High employment rate for graduates

Opportunities:
- Incorporate more real-world concepts into the curriculum through speakers, tours, and projects.
- Incorporate additional business-related skills into the curriculum (e.g., financial management, human resource management, labor law, etc..)
- Expand internship opportunities for students not currently employed.

Major Curricular Changes Since Last Review

Existing courses were redesigned and additional leadership courses were added to the curriculum during the semester conversion process.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

The Bachelor of Science in Organizational Leadership program transforms the lives of students by preparing them for future employment or advancement. Students in this program participate in community service and internships to develop or improve skills as community leaders. The Bachelor of Science in Organizational Leadership program contributes to the economic growth of the region by providing a specialized, trained workforce for employment growth areas in the region.

Faculty Accomplishments and Recognitions

Cynthia J. Berelsman, M.S.

- Revised the Office Information Systems – Applied Business Technologies program (2013)
- Developed curriculum for the Bachelor of Technical and Applied Studies program
- Developed curriculum for the Graphic Design and Visual Media programs
- Ohio Board of Regents panel expert for Interactive Media (2012)
- Wright State University – Lake Campus, Lecturer of the Year (2011)
- Wright State University – Lake Campus, Instructor of the Year (2007)
- "Integration of Graphic Design Classes into Digital Media Projects," 2011 AURCO Conference

- "Enhancing the Classroom Experience with Computer Projects," 2006 National Tech Prep Conference

Greg G. Homan, Ph.D.

- Accepted for Fulbright Faculty Scholars Program
- Multiple national and international presentations and publications focused on rural youth retention and workforce Competencies
- Established Wright State University Lake Campus Agriculture Program (currently enrolling over 50 students)
- Wright State University – Lake Campus, Faculty of the Year (2008, 2012)
- Secured grants for program development including $50,000 (USDA), $200,000 (State of Ohio), and $1,500,000 (State of Ohio Capital Investment)
- Created multiple new courses on topics ranging from agriculture business and animal science, to leadership and Amish studies.
- Planned and coordinated student study tours to California, Texas, Louisiana, Puerto Rico, Costa Rica, and Jamaica.
- Coached teams of college students competing successfully in national events such as agriculture quiz bowl, dairy judging, and livestock evaluation.
- Active in community service: established Mad Run Charity Event that has raised over $100,000 over 4 years and President of Coldwater Community Picnic, which raised over $80,000 in 2015, elected as Mercer County Commissioner.

Capacity for Growth of Program

There are very few bachelor's degree options in this region for both traditional and non-traditional students wishing to pursue leadership studies.

New Program Opportunities

Western Ohio has one of the strongest employment demands in the state of Ohio. Consequently, there is a continued demand for advanced skill development that doesn't compromise current employment. Additional online offerings should increase the accessibility of the Bachelor of Science in Organizational Leadership degree to more students.

Psychology, A.A.

Program Description

The Associate of Arts in Psychology program provides foundational studies in critical thinking and writing with experiential opportunities in the scientific investigation of psychological processes, as well as the social and situational factors underlying the behaviors of human and non-human animals. Program requirements can be applied towards a Bachelor of Arts in Psychology. (The third year of the B.A. program is offered at the Lake Campus.) A minor program provides insights on psychological theory and applications. Numerous employment opportunities exist for graduates with this degree.

Alignment with University Mission and Strategic Plan

The Associate of Arts in Psychology program supports all aspects of the University Mission. The program emphasizes student success by providing academic, graduate school, and career advising through informal advising by program faculty and through formal advising by academic advisors and Career Services. Faculty use innovative pedagogies designed to leverage lecture content with laboratory content and employ course activities that increase student engagement.

The Associate of Arts in Psychology program emphasizes community service through public events (e.g., disability awareness presentations) and coursework (e.g., interviews with community members on topics such as STI awareness). This program prepares students to become thoughtful citizens who are engaged in their community, communicate clearly in a variety of formats, understand the complexity of the world today, and who are prepared to continue their education or to get jobs in a variety of sectors that emphasize the complexities of human thought and interaction.

Program Distinctiveness

- Faculty members who produce scholarship in a variety of disciplines.
- Innovative courses, including traditional, online, and mixed-mode courses.
- High level of faculty engagement. Faculty are advisors for student organizations. Faculty, both full time and part-time, consistently receive high student evaluations.
- Curriculum focuses on developing critical thinking. The program curriculum not only instills knowledge in various psychological domains, but prepares students to become effective, productive citizens in an increasingly interconnected world full of opportunities and challenges. The curriculum emphasizes the understanding of complex data, the development of cogent means to evaluate ideas and resolve differences, and the demonstration of communication skills. This focus on critical thinking begins with integrative writing activities in the Introduction to Psychology (PSY 1010) course. In subsequent courses, critical thinking is promoted through course content that is scientifically and technologically current, by encouraging a scientific way of thinking, and by providing information and practice in basic computer and quantitative skills. In addition, critical thinking is refined through a laboratory-based research experience at the 3000 level of instruction.

Recognition of the Quality of the Program

- Program faculty publish peer-reviewed journal articles, conference presentations and encyclopedia essays.
- Program students are co-authors in peer-reviewed journal articles and present their work at conferences.
- Award-winning faculty members, including Outstanding Faculty Teaching Awards.

Program Learning Outcomes

Students with an Associate of Arts in Psychology degree will:

1. Understand current theory and research in diverse areas of psychology
2. Demonstrate effective written and oral communication skills employing psychological knowledge

Description of Learning Outcomes Assessment Program

Learning outcomes will be assessed in two ways. Students earning an Associate of Arts in Psychology degree will be asked to indicate how much the curriculum provided opportunities to achieve each program learning outcome. In addition, learning outcomes will be assessed in two courses, PSY 3210 (Cognitive Psychology) and PSY 3610 (Conditioning and Learning), at least one of which is required by the Associate of Arts in Psychology degree.

Major Curricular Changes Since Last Review

- The transition from quarters to semesters yielded a program that provides more depth in content coverage and increased skill development (e.g., writing).
- Consolidated introductory courses and added an online laboratory component. This course modification has increased a student's ability to incorporate non-textbook material with course topics, increasing memorability and relevancy.
- Added a psychology lab, which provides the opportunity to offer smaller classes allowing for greater in-class participation by students and computer-based data collection for research.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

The Associate of Arts in Psychology program provides students foundational studies in psychology for entry-level employment or matriculation into a bachelor degree program in the social sciences.

Faculty Accomplishments and Recognitions

Dave D. Hochstein, Ph.D.

- Wright State University – Lake Campus, Outstanding Faculty Teaching Award (2015)
- Wright State University, Excellence in Teaching Wright State Core (2014)
- Wright State University, General Education Excellence in Teaching Award (2010)

- Wright State University – Lake Campus, Outstanding Faculty Teaching Award (2009)
- Hochstein, D. D., Brewer, J., Bonin, M., & Slusser, A. (Spring 2013). Examining the Issue of Academic Plagiarism: What do Faculty at AURCO Affiliated institutions know about Plagiarism? *The AURCO Journal*, 19, 65-81.
- Hochstein, D. D., Brewer, J., Steinke, M. D., & Taylor, J. D. (Spring 2008). Examining the issue of academic plagiarism: What do students at Wright State University Lake Campus know about plagiarism? *The AURCO Journal, 14,* 59 – 81.
- Hochstein, D. D., Brewer, J., Bonin, M., & Slusser, A. (April, 2012). *Examining the Issue of Academic Plagiarism: What do Faculty at AURCO Affiliated institutions know about Plagiarism?* Presented at the 18th annual conference of the Association of University Regional Campuses in Ohio, Zanesville, OH.
- Hochstein, D. D., Brewer, J., Steinke, M. D., & Taylor, J. D. (April, 2008). *Examining the Issue of Academic Plagiarism.* Lake Campus Faculty Lecture Series, Wright State University – Lake Campus, Celina OH.

Michelle R. Smith, M.A.

- Vandegrift, G., & Smith, M. R. (2013). A fingerboard intonation chart for the violin and viola. Manuscript in preparation.
- Smith, M.R. & Kimble, C.E. (2003). Self-handicapping as a Function of Gender, Locus of Control, and Success or Failure Feedback. Manuscript in preparation.

Capacity for Growth of Program

Program enrollment should increase as more students realize the cost savings in pursuing a Bachelor of Arts/Science in Psychology at Wright State University via the Lake Campus (i.e., the Associate of Arts in Psychology program and the third-year offerings.)

Psychology, Minor

Program Description

The Minor in Psychology program provides foundational studies in critical thinking and writing with experiential opportunities in the scientific investigation of psychological processes, as well as the social and situational factors underlying the behaviors of human and non-human animals. Program requirements can be applied towards a Bachelor of Arts in Psychology. The Minor in Psychology program provides insights on psychological theory and applications for students majoring in other disciplines.

Alignment with University Mission and Strategic Plan

The Minor in Psychology program supports all aspects of the University Mission. The program emphasizes student success by providing academic, graduate school, and career advising through informal advising by program faculty and through formal advising by academic advisors and Career Services. Faculty use innovative pedagogies designed to leverage lecture content with laboratory content and employ course activities that increase student engagement.

The Minor in Psychology program emphasizes community service through public events (e.g., disability awareness presentations) and coursework (e.g., interviews with community members on topics such as STI awareness). This program prepares students to become thoughtful citizens who are engaged in their community, communicate clearly in a variety of formats, understand the complexity of the world today, and who are prepared to continue their education or to get jobs in a variety of sectors that emphasize the complexities of human thought and interaction.

Program Distinctiveness

- Faculty members who produce scholarship in a variety of disciplines.
- Innovative courses, including traditional, online, and mixed-mode courses.
- High level of faculty engagement. Faculty are advisors for student organizations. Faculty, both full time and part-time, consistently receive high student evaluations.
- Curriculum focuses on developing critical thinking. The program curriculum not only instills knowledge in various psychological domains, but prepares students to become effective, productive citizens in an increasingly interconnected world full of opportunities and challenges. The curriculum emphasizes the understanding of complex data, the development of cogent means to evaluate ideas and resolve differences, and the demonstration of communication skills. This focus on critical thinking begins with integrative writing activities in the Introduction to Psychology (PSY 1010) course. In subsequent courses, critical thinking is promoted through course content that is scientifically and technologically current, by encouraging a scientific way of thinking, and by providing information and practice in basic computer and quantitative skills. In addition, critical thinking is refined through a laboratory-based research experience at the 3000 level of instruction.

Recognition of the Quality of the Program

- Program faculty publish peer-reviewed journal articles, conference presentations and encyclopedia essays.

- Program students are co-authors in peer-reviewed journal articles and present their work at conferences.
- Award-winning faculty members, including Outstanding Faculty Teaching Awards.

Program Learning Outcomes

Students with a Minor in Psychology will:

1. Understand current theory and research in diverse areas of psychology
2. Demonstrate effective written and oral communication skills employing psychological knowledge

Description of Learning Outcomes Assessment Program

Learning outcomes will be assessed in two ways. Students earning a Minor in Psychology will be asked to indicate how much the curriculum provided opportunities to achieve each program learning outcome. In addition, learning outcomes will be assessed in two courses, PSY 3210 (Cognitive Psychology) and PSY 3610 (Conditioning and Learning), at least one of which is required by the Associate of Arts in Psychology degree.

Major Curricular Changes Since Last Review

- The transition from quarters to semesters yielded a program that provides more depth in content coverage and increased skill development (e.g., writing).
- Consolidated introductory courses and added an online laboratory component. This course modification has increased a student's ability to incorporate non-textbook material with course topics, increasing memorability and relevancy.
- Added a psychology lab, which provides the opportunity to offer smaller classes allowing for greater in-class participation by students and computer-based data collection for research.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

A Minor in Psychology provides students foundational studies in psychology for entry-level employment or matriculation into a bachelor degree program in the social sciences.

Faculty Accomplishments and Recognitions

Dave D. Hochstein, Ph.D.

- Wright State University – Lake Campus, Outstanding Faculty Teaching Award (2015)
- Wright State University, Excellence in Teaching Wright State Core (2014)
- Wright State University, General Education Excellence in Teaching Award (2010)
- Wright State University – Lake Campus, Outstanding Faculty Teaching Award (2009)
- Hochstein, D. D., Brewer, J., Bonin, M., & Slusser, A. (Spring 2013). Examining the Issue of Academic Plagiarism: What do Faculty at AURCO Affiliated institutions know about Plagiarism? *The AURCO Journal*, 19, 65-81.

- Hochstein, D. D., Brewer, J., Steinke, M. D., & Taylor, J. D. (Spring 2008). Examining the issue of academic plagiarism: What do students at Wright State University Lake Campus know about plagiarism? *The AURCO Journal, 14,* 59 – 81.
- Hochstein, D. D., Brewer, J., Bonin, M., & Slusser, A. (April, 2012). *Examining the Issue of Academic Plagiarism: What do Faculty at AURCO Affiliated institutions know about Plagiarism?* Presented at the 18th annual conference of the Association of University Regional Campuses in Ohio, Zanesville, OH.
- Hochstein, D. D., Brewer, J., Steinke, M. D., & Taylor, J. D. (April, 2008). *Examining the Issue of Academic Plagiarism.* Lake Campus Faculty Lecture Series, Wright State University – Lake Campus, Celina OH.

Michelle R. Smith, M.A.

- Vandegrift, G., & Smith, M. R. (2013). A fingerboard intonation chart for the violin and viola. Manuscript in preparation.
- Smith, M.R. & Kimble, C.E. (2003). Self-handicapping as a Function of Gender, Locus of Control, and Success or Failure Feedback. Manuscript in preparation.

Social Work, A.A.

Program Description

The Associate of Arts in Social Work program prepares students for entry-level employment in social work. The program produces ethical and competent practitioners who operate from an empowerment and strengths perspective as they work with individuals, families, groups and communities for social and economic justice.

Alignment with University Mission and Strategic Plan

- The Associate of Arts in Social Work program builds a solid foundation for student success at all levels through high-quality, innovative programs – engaging students in innovative programming through the use of practicums and service-learning opportunities.
- Students in the Associate of Arts in Social Work program engage in meaningful community service.

Program Distinctiveness

- Practicums
- Service-learning experiences

Recognition of the Quality of the Program

Students who matriculate into a baccalaureate program in social work are adequately prepared for the rigors of advanced work.

Program Learning Outcomes

Students with an Associate of Arts in Social Work degree will:

1. Identify as a professional social worker and conduct oneself accordingly
2. Apply social work ethical principles to guide professional practice
3. Apply critical thinking to inform and communicate professional judgments
4. Engage diversity and difference in practice
5. Apply knowledge of human behavior and the social environment

Sociology, A.A.

Program Description

The Associate of Arts in Sociology program prepares students to observe and analyze social interactions, predict likely outcomes, and develop programs for the good of individuals and society. Sociology majors are required to take classes in data analysis, research methodology, theory, and social inequality. Courses are designed to develop writing and critical thinking skills.

Alignment with University Mission and Strategic Plan

The Associate of Arts in Sociology program supports the mission of Wright Stat by embracing a transformative curriculum. Through required coursework, students develop critical thinking skills, gain an understanding of the micro and macro social processes of society on a local, national and global level, and develop an understanding of societal diversity. With these skills, students with an Associate of Arts in Sociology degree can develop professionally, intellectually and personally.

Program Distinctiveness

- Sociology courses taught by faculty that integrate current issues into the classrooms.
- Course enrollment does not exceed 50 students.
- Courses offerings are available in face-to-face and online formats.
- Sociology faculty employ innovative pedagogies as a means to an interactive classroom environment.

Recognition of the Quality of the Program

Students who matriculate into a baccalaureate program in sociology are adequately prepared for the rigors of advanced work.

Program Learning Outcomes

Students with an Associate of Arts in Sociology degree will:

1. Demonstrate competency in research, survey creation, theory application, problem analysis quantitative and qualitative analysis, and written communication.
2. Be prepared for entry-level employment or matriculation into a sociology baccalaureate degree program.

Description of Learning Outcomes Assessment Program

Competencies will be measured through critical reflective writing where theory will be used to analyze society, statistical analysis assignments, infographs, and conducting research.

Upper level assignments will be designed to challenge students to analyze, critique and report information in a concise, effective manner.

Faculty Accomplishments and Recognitions

Giovanna Follo, Ph.D.

- Follo, Giovanna. (2015). Feminist Self-Defense (FSD): A comprehensive strategy for addressing violence against women. Trauma, Violence, & Abuse. Submitted: September 11, 2015.
- Follo, Giovanna. (2015). *Sociology in the Everyday: Teaching with Visual Media (First Edition)*. Cognella Academic Publishing: USA.
- Follo, Giovanna. (2016). *Get Flipped: using Learning Technologies to Engage Student*
- *Learning (Preliminary Edition)*. Cognella Academic Publishing: USA.
- Follo, Giovanna. (2012). "[CU] A Literature Review of Women and the Martial Arts: Where are We Right Now?" *Sociology Compass*, Vol. 6 (9), pp.707-717.

Capacity for Growth of Program

Enrollment in Introduction to Sociology should increase as the enrollment in the Bachelor of Science of Nursing program increases. Additional online offerings should also increase course enrollments.

Bachelor of Technical and Applied Studies, B.T.A.S.
(Agriculture, Commerce, Food Science, Graphic Design, Multimedia Design)

Program Description

The Bachelor of Technical and Applied Studies (BTAS) program is a degree completion program. The program is intended for students who have already completed a two year degree program or its equivalent from an accredited community college, regional campus, or technical college. Concentrations within this program study produce graduates with the knowledge, skills, and disposition necessary for advancement. The Bachelor of Technical and Applied Studies (BTAS) program integrates technical skills developed in an applied associate degree programs with professional skills inherent to a baccalaureate degree program.

Alignment with University Mission and Strategic Plan

The Bachelor of Technical and Applied Studies (BTAS) program supports Wright State University's mission of building a solid foundation for student success by preparing students for jobs in local industry. The program drives economic revitalization of the region by providing a skilled and technical workforce.

Program Distinctiveness

- Program faculty emphasize student success by assisting students not only in their academic endeavors but in their career development as well.
- The Bachelor of Technical and Applied Studies (BTAS) program emphasizes applied learning.
- Internships are emphasized.
- Program provides a viable path from a technical degree to a bachelor's degree.

Recognition of the Quality of the Program

- Employers, community leaders, and economic development professionals validate a need for advanced skill development in graphic/multimedia design, agricultural/food science, and applied business technologies/commerce.
- Program faculty emphasize student success by assisting students not only in their academic endeavors but in their career development as well.
- Internships often lead to employment.
- Positive feedback from employers who have hired graduates of the program.
- Graduates endorse the program.
- Community support through field trip opportunities, guest speakers, community projects, etc..

Program Learning Outcomes

Students with a Bachelor of Technical and Applied Studies (BTAS) degree will:

1. Demonstrate effective written, oral, and digital communication skills.
2. Apply disciplinary skills to solve problems and deal with challenging situations in an organizational setting.
3. Demonstrate ethical and social responsibility.

Description of Learning Outcomes Assessment Program

The learning outcomes assessment program will be developed Spring 2016. Pilot and TaskStream will be used to collect and evaluate program assessment data over the next four years.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

The Bachelor of Technical and Applied Studies (BTAS) program transforms the lives of students by preparing them for future employment or advancement. Students in this program participate in community service and internships to develop or improve skills as community leaders. The Bachelor of Technical and Applied Studies (BTAS) program contributes to the economic growth of the region by providing a specialized, trained workforce for employment growth areas in the region.

Faculty Accomplishments and Recognitions

Cynthia J. Berelsman, M.S.

- Revised the Office Information Systems – Applied Business Technologies program (2013)
- Developed curriculum for the Bachelor of Technical and Applied Studies program
- Developed curriculum for the Graphic Design and Visual Media programs
- Ohio Board of Regents panel expert for Interactive Media (2012)
- Wright State University – Lake Campus, Lecturer of the Year (2011)
- Wright State University – Lake Campus, Instructor of the Year (2007)
- "Integration of Graphic Design Classes into Digital Media Projects," 2011 AURCO Conference
- "Enhancing the Classroom Experience with Computer Projects," 2006 National Tech Prep Conference

Greg G. Homan, Ph.D.

- Accepted for Fullbright Faculty Scholars Program
- Multiple national and international presentations and publications focused on rural youth retention and workforce Competencies
- Established Wright State University Lake Campus Agriculture Program (currently enrolling over 50 students)
- Wright State University – Lake Campus, Faculty of the Year (2008, 2012)
- Secured grants for program development including $50,000 (USDA), $200,000 (State of Ohio), and $1,500,000 (State of Ohio Capital Investment)
- Created multiple new courses on topics ranging from agriculture business and animal science, to leadership and Amish studies.
- Planned and coordinated student study tours to California, Texas, Louisiana, Puerto Rico, Costa Rica, and Jamaica.
- Coached teams of college students competing successfully in national events such as agriculture quiz bowl, dairy judging, and livestock evaluation.

- Active in community service: established Mad Run Charity Event that has raised over $100,000 over 4 years and President of Coldwater Community Picnic, which raised over $80,000 in 2015, elected as Mercer County Commissioner.

Capacity for Growth of Program

There are very few bachelor's degree completion options in this region for both traditional and non-traditional students wishing to pursue an applied education.

New Program Opportunities

Western Ohio has one of the strongest employment demands in the state of Ohio. Consequently, there is a continued demand for advanced skill development that doesn't compromise current employment. Additional online offerings and course articulations should increase the accessibility of the Bachelor of Technical and Applied Studies (BTAS) degree to more students.

Agriculture, A.T.S.

Program Description

The Associate of Technical Study (ATS) in Agriculture program is intended for students of diverse career interests in the field of agriculture. This program produces graduates with the knowledge, skills, and disposition necessary for employment and/or advancement in agribusiness.

Alignment with University Mission and Strategic Plan

The Associate of Technical Study (ATS) in Agriculture program supports the Wright State University mission of building a solid foundation for student success by preparing students for jobs in local industry. The field of agriculture employs one out of seven workers in the State of Ohio. The service region of Wright State Lake Campus is comprised of the top agriculture production counties in the State of Ohio as well as leading food manufacturing and agriculture business service industries. This program drives the economic revitalization of the region by providing a skilled and trained technical workforce. The program allows students desiring to continue their education the opportunity to gain applied business and technology skills that are needed locally.

Program Distinctiveness

- Program faculty emphasize student success by assisting students not only in their academic endeavors but in their career development as well.
- The Associate of Technical Study (ATS) in Agriculture program emphasizes applied learning.
- Internships are emphasized.
- Program provides for seamless matriculation into the Bachelor of Technical and Applied Studies – Agriculture program.

Recognition of the Quality of the Program

- Employers, community leaders, and economic development professionals validate a need for advanced skill development in agricultural industry.
- Program faculty emphasize student success by assisting students not only in their academic endeavors but in their career development as well.
- Internships often lead to employment.
- Positive feedback from employers who have hired graduates of the program.
- Graduates endorse the program.
- Community support through field trip opportunities, guest speakers, community projects, etc..
- Successful placement at National Colleges and Teachers of Agriculture Contests in Dairy Science, Livestock Judging, and Quiz Bowl.

Program Learning Outcomes

1. Students will demonstrate effective written, oral and digital communication skills

2. Students will demonstrate an applied knowledge of basic agronomic principles such as planting, harvesting, pesticide/herbicide use, soil science, and basic marketing concepts.
3. Students will demonstrate an applied knowledge of basic animal science principles such as breeding and reproduction cycles, animal nutrition concepts, animal husbandry, animal physiology, breeds and genetic concepts.
4. Students will apply skills to solve problems and deal with challenging situations in an agricultural business or production setting.
5. Students will develop an understanding of past and current issues in agricultural ranging from agricultural history to GMO and niche markets.
6. Students will demonstrate the integration of technology into agricultural systems.

Description of Learning Outcomes Assessment Program

The learning outcomes assessment program will be developed Spring 2016. Pilot and TaskStream will be used to collect and evaluate program assessment data over the next four years.

Professional Accreditation

The Associate of Technical Study (ATS) in Agriculture program is not accredited, however, the program is involved with NACTA (North American Colleges and Teachers of Agriculture). Students have the opportunity to receive their Private or Commercial Applicators License and Nutrient Management Certification issued through the Ohio Department of Agriculture. Additional certification opportunities, e.g., Certified Crop Adviser and Livestock Quality Assurance, will become available as the program expands.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

The Associate of Technical Study (ATS) in Agriculture program transforms the lives of students by preparing them for future employment or advancement. Students in this program participate in community service and internships to develop or improve skills as community leaders. The Associate of Technical Study (ATS) in Agriculture program contributes to the economic growth of the region by providing a specialized, trained workforce for employment growth areas in the region.

Faculty Accomplishments and Recognitions

Greg G. Homan, Ph.D.

- Accepted for Fullbright Faculty Scholars Program
- Multiple national and international presentations and publications focused on rural youth retention and workforce Competencies
- Established Wright State University Lake Campus Agriculture Program (currently enrolling over 50 students)
- Wright State University – Lake Campus, Faculty of the Year (2008, 2012)
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- Created multiple new courses on topics ranging from agriculture business and animal science, to leadership and Amish studies.
- Planned and coordinated student study tours to California, Texas, Louisiana, Puerto Rico, Costa Rica, and Jamaica.
- Coached teams of college students competing successfully in national events such as agriculture quiz bowl, dairy judging, and livestock evaluation.
- Active in community service: established Mad Run Charity Event that has raised over $100,000 over 4 years and President of Coldwater Community Picnic, which raised over $80,000 in 2015, elected as Mercer County Commissioner.

Greg McGlinch, M.S.

- The American Society of Agronomy: Certified Crop Adviser (#372558).
- Ohio Department of Agriculture Private Pesticide Applicator (Core, 1 & 6 Categories) and Nutrient Management Certification.
- Agronomy, Animal Science, and Agriculture Business tracks and courses developed.
- Founded WSU Collegiate Young Farmers Organization
- Developed the Emerging Agriculture Professional Conference at Wright State University—Lake Campus.
- Planned and coordinated student study tours to Illinois, Panama, and local agriculture operations and businesses.
- Created the Wright State University Lake Campus Advisory Board
- Serves on the Ohio Farm Bureau Young Ag Professionals committee, Vice President of the Darke County Farm Bureau board, Versailles FFA and Franklin Monroe FFA Advisory Board member, Dayton Regional STEM Collaborative Board of Trustees, Celina Farm Credit Advisory Board member and multiple other community organizations.

Capacity for Growth of Program

The new Agriculture/Water Quality Education/Research facility will enhance laboratory and research capacities, provide teaching space specific to agriculture education needs, and enhance outreach and promotional efforts.

New Program Opportunities

Western Ohio has one of the strongest employment demands in the state of Ohio. Consequently, there is a continued demand for advanced skill development that doesn't compromise current employment. Additional online offerings and course articulations should increase the accessibility of Associate of Technical Study (ATS) in Agriculture degree to more students.

Food Science, A.T.S.

Program Description

The Associate of Technical Study (ATS) in Food Science program is a degree program for students seeking to start a career in the food industry or for current food manufacturing employees who want to upgrade their knowledge and skills in food science. The program of study provides students the scientific understanding of food and food processing that will prepare them to offer the type of technical leadership that will result in technological advances in the local food industry.

Alignment with University Mission and Strategic Plan

The Associate of Technical Study (ATS) in Food Science program supports the Wright State University mission by providing a learning experience that combines online, mixed-mode and evening classes to reach a wider market, particularly nontraditional students who often find it difficult to access college classes due to inconvenient class scheduling. The Associate of Technical Study (ATS) in Food Science program facilitates career placement by providing opportunities for job-shadowing and internships. Classes are tailored to highlight scientific principles involved in processing foods relevant to local industry needs and interests.

Program Distinctiveness

- The Associate of Technical Study (ATS) in Food Science program is the only technical and applied studies degree in food science in the state of Ohio.
- Convenient scheduling allows students to work full time.
- Unique curriculum that integrates agriculture, food science, and leadership.

Recognition of the Quality of the Program

- The Food Plant Sanitation and HACCP course is accredited by the HACCP Alliance. (Students who complete the course receive an industry certificate recognized by the FDA and the USDA.)
- The Lean Six Sigma Course meets the preliminary requirements for a Lean Six Sigma Black Belt certificate.

Program Learning Outcomes

Students with an Associate of Technical Study (ATS) in Food Science degree will be able to:

1. Apply scientific principles to food processing operations
2. Use knowledge of food science to solve problems and innovate
3. Provide technical expertise to teams based on a thorough knowledge of food science
4. Conduct quality control analysis of food
5. Design food safety plans and provide leadership to maintain integrity of our local food supply within the food manufacturing industry
6. Improve efficiency of food processing operations in the area, using lean six sigma principles
7. Demonstrate the integration of technology into agricultural systems.

Description of Learning Outcomes Assessment Program

1. Review course syllabi annually to ensure course outcomes align with program outcomes
2. Review course curricula a minimum of every two years and modify as needed in order to better meet regional needs
3. Conduct a minimum of one teaching peer review each semester to secure and improve instruction best practices
4. Survey and receive feedback from alumni at least once every 3 years
5. Survey and receive feedback from employees at least once every 3 years

Professional Accreditation

The Food Plant Sanitation and HACCP course is accredited by the International HACCP Alliance. The International Association for Six Sigma is being petitioned to offer the Lean Six Sigma Black Belt Certification to students completing the Lean Six Sigma in Food Manufacturing course.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

The core educational experience at the Lake Campus focuses on meeting current regional needs. The food manufacturing industry in this region is large and growing; major companies in the region include Cooper Farms, Dannon Yogurt, Pro-pet, Classic Delight, The Fremont Company, Tastemorre, Agrana, Freshway Foods, Cargill, ConAgra, Mama Rosa's, Bob Evans, and Aunt Millies. The Associate of Technical Study (ATS) in Food Science program was designed to provide highly trained, skilled and qualified workers to serve and grow the local food industry.

Faculty Accomplishments and Recognitions

Courtney W. Simons, Ph.D.

- Accepted Poster Competition First Place Winner. Texturized pinto bean protein optimization in straight dough bread formulation, Marketing and Management Division, IFT Conference, Las Vegas, NV. 2012
- Minnesota Section IFT Graduate Scholarship Award. Institute of Food Technologists Minnesota Section, March 2012
- Travel Award. 9th Canadian Pulse Research Workshop (9th CPRW), University of Guelph, Ontario Canada. September 2012
- Minnesota Section IFT Graduate Scholarship Award. Institute of Food Technologists – Minnesota Section, March 2012
- College of Agriculture, Food Systems, and Natural Resources Frank Bain Dissertation Fellowship, NDSU, Fargo ND. March 2012
- Travel Award. North Dakota State University Development Foundation, NDSU, Fargo ND. November 2012
- Department of Cereal and Food Sciences, Frank Bain Scholarship, NDSU, Fargo ND. March 2012
- Minnesota Section IFT Graduate Scholarship Award. Institute of Food Technologists – Minnesota Section, March 2011

- Minnesota Section IFT Travel Scholarship Award. Institute of Food Technologists – Minnesota Section, March 2011
- Minnesota Section IFT Graduate Scholarship Award. Institute of Food Technologists Minnesota Section, March 2011
- Minnesota Section IFT Travel Scholarship Award. Institute of Food Technologists – Minnesota Section, March 2011
- Travel Award. Department of Cereal and Food Sciences. NDSU, Fargo, ND. November 2011
- Outstanding Faculty Mentor Award, Summer Undergraduate Research STEM Program, NDSU, Fargo ND. July 2011
- Len Sibbitt Scholarship. Department of Cereal and Food Sciences, NDSU, Fargo ND. April 2011
- Green and Golden Globe Award for Academic Achievement, NDSU, Fargo ND. November 2009
- Organization of American States (OAS) Academic Scholarship for Undergraduate Studies in Food Science at NDSU. January 2008 – December 2009
- Indian Technical Economic Cooperation Scholarship for study in Flour Milling Technology, Mysore, India. July 2006 – July 2007
- Instructor Quality Service Award. HEART/NTA, Kingston, Jamaica. November 2006
- Certificate of Recognition for Outstanding Performance, Scientific Research Council, Kingston, Jamaica. December 16, 1999

Capacity for Growth of Program

Major companies in the region include Cooper Farms, Dannon Yogurt, Pro-pet, Classic Delight, The Fremont Company, Tastemorre, Agrana, Freshway Foods, Cargill, ConAgra, Mama Rosa's, Bob Evans, and Aunt Millies. These companies look to the Lake Campus for bright and innovative employees to serve their manufacturing needs.

New Program Opportunities

New program opportunities currently being considered include short industry seminars and workshops in specialized topic areas such as food safety and lean six sigma.

Proposals to Enhance Program

1. Continue partnerships with the food industry aimed at communicating opportunities in food science to potential students in high schools.
2. Partner with companies to align human resource development and succession plans with program learning outcomes to boost enrollment.
3. Facilities that allow for more hands-on practice of food processing skills will attract students.

Law Enforcement/Academy, A.T.S.

Program Description

The Associate of Technical Study (ATS) in Law Enforcement program prepares students for employment in law enforcement, private security, corrections, juvenile facilities, and public safety settings. Police officers and security professionals provide protection of the general public. As a police officer gains experiences and education, there are opportunities for advancement including employment at the federal level such as the secret service, the border patrol, and federal departments such as the Bureau of Alcohol, Tobacco, Firearms and Explosives. Police officers can achieve advancement in their job as detectives, crime scene analysts, and departmental managers as they continue their education.

Alignment with University Mission and Strategic Plan

The Associate of Technical Studies (ATS) in Law Enforcement program

- "builds a solid foundation for student success" through high-quality law enforcement courses that prepare students for more advanced work in the field, and;
- "drive(s) the economic revitalization" of West Central Ohio through high-quality law enforcement courses that provide students with foundational knowledge necessary to enter the workplace

Program Distinctiveness

- Most of the law enforcement courses taught by a full-time faculty (Ph.D. with extensive field experience)
- Experienced and certified law enforcement officer acts as Commander for the Grand Lake Law Enforcement Academy
- Course enrollments are small and intimate, allowing for one-on-one interaction.
- Multimode and innovative pedagogical strategies
- High level of faculty engagement

Recognition of the Quality of the Program

The Grand Lake Law Enforcement Academy is in compliance with the standards set by the State of Ohio and by the Ohio Peace Officer Training Commission

Program Learning Outcomes

Students an Associate of Technical Studies (ATS) in Law Enforcement/Academy degree will:

- Communicate effectively using written and oral skills.
- Demonstrate an understanding of the fundamental skills of a law enforcement officer
- Identify and demonstrate problem-solving skills that will correlate to those they will be challenged by as a law-enforcement officer upon employment.

Description of Learning Outcomes Assessment Program

The learning outcomes assessment program will be developed Spring 2016. Pilot and TaskStream will be used to collect and evaluate program assessment data over the next four years.

Professional Accreditation

The academy is in compliance with the standards set by the State of Ohio and by the Ohio Peace Officer Training Commission.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

The need for law enforcement and law enforcement related careers is high in Western Ohio. The Associate of Technical Studies (ATS) in Law Enforcement/Academy programs prepare students to meet these economic and professional needs.

Faculty Accomplishments and Recognitions

Dennis W. Bulen, Ph.D.

- Editor and creator of *Applied Criminal Justice Monthly*
- Multiple peer-reviewed papers
- Presenter at multiple academic and professional conferences
- Recipient of American Legion Law Enforcement Officer of the Year award
- Recipient of Auglaize County Fraternal Order of Police Law Enforcement Officer of the Year award

Capacity for Growth of Program

The need for law enforcement and law enforcement related careers is high in Western Ohio. Program enrollment should increase as campus enrollment increases as well as additional recruiting efforts.

New Program Opportunities

Additional full-time faculty will enhance the Associate of Technical Studies (ATS) in Law Enforcement/Academy programs.

SkillsTrac, A.T.S.

Program Description

The Associate of Technical Studies (ATS) in SkillsTrac program is a comprehensive industrial maintenance training program specially designed for the advanced manufacturing industry. The program is intended for new and incumbent workers in advanced manufacturing maintenance departments without experience with modern automation systems, including programmable logic controllers, human-machine interfaces, variable frequency controls, motion control of servomotors, and robotics. The Associate of Technical Studies (ATS) degree in SkillsTrac program develops the skills to maintain, troubleshoot and repair automation systems and components as well as communicate effectively within the modern manufacturing facility's departments.

Alignment with University Mission and Strategic Plan

The Associate of Technical Studies (ATS) in SkillsTrac program supports Wright State University's mission of promoting student success by preparing students to excel at high-paying jobs in state-of-the-art manufacturing facilities. Ohio Manufacturing provides more than 660,000 jobs for Ohio workers with an annual payroll of more than $36 billion, the highest total annual wages of any Ohio industry-sector.

Program Distinctiveness

- Faculty members have over 25 years of teaching experience and have worked or continue to work in the industry.
- The program integrates online coursework (ToolingU/SME) with hands-on validation labs.
- The Associate of Technical Studies (ATS) in SkillsTrac program emphasizes applied learning.
- The program is unique in the service-region.

Recognition of the Quality of the Program

- Regional companies utilize program for employee training, provide curricular input, donate equipment/services, and work with local economic developers to actively engage with regional lawmakers in obtaining equipment funding to continue to develop the program.
- The program was featured at several state conferences in 2009/2010, including two Enterprise Ohio events (a group of regional and technical colleges. The program is also the core of two state-approved apprenticeship programs.
- The Skillstrac program was awarded over $400,000 in the 2015 state line item budget to buy new, state-of-the-art equipment and to develop more complexity to the program by including robotics, robotic welding, CNC Milling & Machining, plasma cutting and automation updates of equipment and software.

Program Learning Outcomes

Students with an Associate Technical Studies (ATS) in SkillsTrac degree will:

1. Apply fundamental knowledge of manufacturing, mechanical, electrical concepts to solve problems.
2. Demonstrate basic manufacturing safety knowledge and processes.
3. Apply technical knowledge and skills to solve problems and troubleshoot solutions to real-life workplace challenges.
4. Develop an effective methodology to bridge the gap between skilled and unskilled employees.

Description of Learning Outcomes Assessment Program

The learning outcomes assessment program will be developed Spring 2016. Pilot and TaskStream will be used to collect and evaluate program assessment data over the next four years.

Description of How Program and Curricula are "Mission Critical" to the Core Wright State Educational Experience

The Associate Technical and Applied Studies (BTAS) in SkillsTrac program produces a skilled workforce for local companies that contributes to economic revitalization and stability.

Faculty Accomplishments and Recognitions

Julie Miller, Director; Carol Jones, Program Facilitator; Ray Lufkin, Manufacturing Training Coordinator; Richard Haney, Instructor; Rachel Stoker, Admin Asst.

- Received Targeted Industry Training Grants of $337,400 with a 50% company match totaling $674,800 for non-credit training (2003-2009)
- Received $350,000 Non-credit Capital Improvement Facilities Grant from Ohio Board of Regents (2008)
- Created the SkillsTrac program as a collaboration between Upper Valley JVS, Edison Community College, Sinclair Community College, & Wright State University-Lake Campus with a grant from Ohio Department of Labor. The consortium received $2.1 million for equipment, curriculum and free training (2007-2010)
- Collaborated with Upper Valley JVS to obtain $6,880 grant from USDA Rural Training Grant program (2009)
- Collaborated with Van Wert Economic Development on the RMAP (Rural Microentrepreneur Assistance Program) $130,000 grant (2011/2012)
- Presented at the OATYC Ohio Association of Two Year Colleges Conference (2014)
- Received over $400,000 in state line item funds for updated and new equipment (2015)

Capacity for Growth of Program

The new Advanced Manufacturing Center will enhance laboratory and research capacities, provide teaching space specific to technical education needs, and enhance outreach and promotional efforts.

New Program Opportunities

New program opportunities include coursework in advanced robotics and automation, tool and die, and machining. More advanced technical coursework could become available through a Bachelor of Technical and Applied Studies in Manufacturing Science program of study.