UNIVERSITY OF DAYTON
COLLEGE OF ARTS
AND SCIENCES
SCHOLARSHIP 2010
Preface: Scholarship 2010

College of Arts and Sciences

The intellectual power and creative vitality of the College of Arts and Sciences reside in our faculty. While students lie at the center of the College’s attention, the work of the College’s faculty makes possible the distinctive education in the liberal arts and sciences that our graduates attain. All of the College’s achievements and aspirations spring in some way from faculty members’ creativity, talent, and dedication in scholarship, teaching, and professional service.

In calendar year 2010 faculty members in the College received over 51 University grant awards and 74 national grant and fellowship awards. College faculty also authored or created 10 books, 26 book chapters, 154 journal articles and reviews, 93 performances, and 57 exhibits in the past year. This publication honors these scholarly and artistic achievements.

The College held its annual recognition of outstanding faculty accomplishment on April 1, 2011. Faculty members honored as recipients of the College’s faculty awards were: Dr. Shannon Driskell (mathematics) for outstanding teaching, Dr. Roger Crum (visual arts) for outstanding scholarship, and Dr. Danielle Poe (philosophy) for outstanding service. Prof. Jim McCutcheon (music) received a new award for outstanding contribution by a full-time, non-tenure-line faculty member. Brief articles are included in this publication about the exemplary commitments of these faculty colleagues to their students, their scholarly fields, and the University.

The College also recognizes the accomplishment and dedication of its faculty retirees, Dr. Dave Biers (psychology), Prof. Andria Chiodo (languages), Sr. Judith Martin (religious studies), and Dr. Fran Pestello (sociology, anthropology, and social work). Collectively, these colleagues have contributed 135 years of distinctive and valuable service to the College.

Finally, this publication recognizes the installation of two endowed faculty chairs: Dr. Jack Bauer (psychology), as the third holder of the Raymond A. Roesch, S.M. Chair in the Social Sciences; and Dr. Peter Powers (physics), as the third holder of the Leonard A. Mann, S.M. Chair in the Sciences. It is a privilege to work with these distinguished teachers and scholars.

I offer this publication with gratitude for the outstanding work and vibrant collegial culture of the faculty of the College of Arts and Sciences at the University of Dayton.

Paul H. Benson
Dean
College of Arts and Sciences
University of Dayton
August 2011
College of Arts & Sciences 2010 Scholarship

Biology

Abstracts


Books


Book Chapters


Contracts


McEwan, R. (Co-Principal). Fouke, D. C. “Re-recognizing the Earth underfoot: Exploring the hidden ecology of our own backyard through student engagement and community partnerships.” Sponsored by Learning and Teaching Center, University of Dayton, $6,500. (January 1, 2010 - February 1, 2011).


Grants


McEwan, R. (Co-Principal), Johnson, F. (Co-Principal), Pluschke, G. (Principal), Portaels, F. (Co-Principal), Stinear, T. (Co-Principal), Yeho-Mu, D. (Co-Principal), Urk Boak, A. (Co-Principal). “Investigations into the Transmission of Buruli Ulcer.” Sponsored by UBS Optimus Foundation to University of Tennessee, $60,000. (October 1, 2008 – June 30, 2011).


Hang, Y. (Co-Principal). “Multimetallic Polyphosphates as Potential Photodynamic Therapy Agents: Interactions of Synthetic Polyphosphates with DNA from in vitro to in vivo.” Sponsored by Merck/American Association for the Advancement of Science Undergraduate Science Research Award, $60,000. (June 1, 2007 - July 1, 2010).

Hang, Y. (Co-Principal). “The Determination of Manufactured Nanoparticle Toxicity Using Novel Rapid Screening Methods.” Sponsored by National Science Foundation, $396,000. (June 1, 2008 - June 1, 2010).


The social sciences cover a wide range of topics and disciplines, all dealing with the scientific study of how people—as groups and as individuals—operate,” explained Dr. Bauer, newly elected Roesch Chair in the Social Sciences and associate professor of psychology.

As Roesch Chair, Bauer is responsible for promoting the social sciences at the University of Dayton and creating interconnectedness between the social sciences and other disciplines. Bauer has done this through many programs and events that he has continued or initiated.

The Social Sciences Symposium, held at the end of the Fall Term, provides undergraduate students an opportunity to share their research with other students and faculty and to gain experience presenting their work in a public format. The annual symposium has been held for the past four years, and Bauer felt that it was a valuable event that should be continued as it promotes the social sciences on campus and is beneficial for both students and faculty.

“Students get a taste of how to conduct social science research and to present it at conferences,” Bauer stated about the Social Sciences Symposium. “Faculty get a chance to see the stimulating ideas and projects that students are pursuing.”

In addition to the Symposium, Bauer started the Roesch Chair Lecture Series. This program is intended to bring leading scholars to campus to discuss contemporary social issues. The first speaker of the series was Dan McAdams, chair of the Department of Psychology at Northwestern University and one of the world’s leading authorities on life stories and how people construct a meaningful identity in modern culture.

“I was thrilled to see such a good turnout and such a lively discussion after the talk—and was especially pleased to see the student participation,” Bauer claimed about the first lecture of the series.

Lastly, Bauer has been promoting the social sciences by giving talks and media interviews on and off campus and writing articles for University publications. He mainly discusses the topic of happiness and meaning in life, which is a main focus of his research. Bauer is interested in how people frame their lives in terms of growth and progress and how these concepts serve as American ideals for a good life story.

“My research and teaching are highly integrated,” Bauer stated as he described his research, teaching and role as Roesch Chair. “I’ve found that students are generally interested in the study of life stories and human flourishing.”

Looking toward the future, Bauer has more events and programs he would like to implement as Roesch Chair. One is to create an interdisciplinary team, with researchers from different academic areas, which would study human flourishing in all people, not just the majority of the population.

Bauer is currently working on a book about the American ideal of growth and progress and hopes to write more books. As for his Roesch Chair position, he plans to continue strengthening the social sciences through collaboration and education at the University of Dayton and beyond.

–Lindsey J. DiTirro
College of Arts & Sciences 2010 Scholarship


Nielsen, M. G. (Co-Principal), Swavey, S. M. (Principal), Hong, Y. (Principal), Mastray, M. B. (Co-Principal), Robinson, J. B. (Co-Principal). “Merck Grant Interdisciplinary Undergraduate Research.” Sponsored by Merck, $60,000. (May 2007 - May 2010).

Perugini, S. (Principal), Wright, D. J. (Co-Principal), Quill, L. L. (Co-Principal), Bowes, D. M. (Co-Principal), Crescencio, J. V. (Supporting), Mize, M. (Supporting). “Virtual Learning and Teaching Community.” Sponsored by Ohio Board of Regents and University of Dayton Research Institute (UDRI), $20,000. (April 20, 2009 – April 29, 2011).


Robinson, J. B. (Supporting), Rowe, J. J. (Principal), Hong, Y. (Supporting), Nielsen, M. G. (Supporting). “Oak Ridge Institute for Science and Education, National Science Foundation.” Sponsored by National Science Foundation, $480,000. (September 15, 2008 - September 15, 2010).

Rowe, J. J. (Principal), Robinson, J. B. (Co-Principal), Hong, Y. (Co-Principal), Nielsen, M. G. (Co-Principal). “The Determination of Manufactured Nanoparticle Toxicity Using Novel Rapid Screening Methods.” Sponsored by National Science Foundation, $396,000. (September 1, 2010 - September 1, 2012).


Williams, T. M. (Principal). “Tracing the mutation paths and molecular mechanisms generating phenotypic variation.” Sponsored by University of Dayton Research Institute, $6,000. (May 10 - August 2010).


Other Review


Presentations


Benbow, M. E. “Understanding the role of ecology in infectious disease systems: Complex environmental interations beyond medical entomology.” *Ubun Ratchathani University, Ubun Ratchathani, Thailand*. (June 22, 2010).


Friese, C. F., Johnson, D. W. “The Development of SENCER Initiatives at The University of Dayton: Mini-courses, Modules and Methodologies.” *National Science Foundation SENCER Mid-West Regional Meeting*, Indiana State University and SENCER, Indiana State University, Terre Haute, IN. (September 23, 2010).


Harmsless, K., Tinnerman, L., Friese, C. E., Johnson, D. W., Masthay, M. B., Poir, D. L. “Field Reports: Large
College of Arts & Sciences 2010 Scholarship

scale SENCER initiatives at Indiana State University and the University of Dayton.” SENCER Summer Institute 2010, National Science Foundation, University of North Carolina, Asheville, NC. (August 2, 2010).


Huang, Y. “Stem Cell in Nanotoxicity Testing.” Bit’s Annual World Congress of Regenerative Medicine & Stem Cells 2010, BIT Life Science, Shanghai, People’s Republic of China. (December 5, 2010).


Kango-Singh, M. “Cell signaling- in Development.” BIO569 Bio for Bioengineers, University of Dayton Research Institute, University of Dayton, Dayton, OH. (October 6, 2010).

Kango-Singh, M. “The role of Hippo signaling pathway during development and in cancer.” Biological Sciences Seminar Series, Department of Biological Sciences, University of Cincinnati, Cincinnati, OH. (March 29, 2010).


Kavanagh, J. L. “Wetland Restoration.” Biology 409, Ecological Restoration, University of Dayton, Dayton, OH. (September 17, 2010).


Mutyan, V., Krane, C. M. “Erythrocyes from Cope’s gray tree frog, Hyla chrysoscelis as a cell culture based model system to study the regulation of aquaglyceroporin, Hc-3 expression.” 2010 Ohio Physiological Society Annual Meeting, Ohio Physiological Society, Cleveland, OH. (October 15, 2010).


Oorvashi, P. R., Yorimitu, T., Hideki, N., Singh, A. “Defective proventriculus (dve), a new member of Dv patterning in the eye.” Neuroscience Day, Ohio Miami Valley Chapter of Society of Neuroscience, School of Medicine, University of Cincinnati, Cincinnati, OH. (May 10, 2010).

Oorvashi, P. R., Yorimitu, T., Hideki, N., Singh, A. “Defective proventriculus (dve), a new member of Dv patterning in the eye.” 51st Annual Drosophila Research Conference, Genetics Society of America (GSA), Washington, DC. (April 7, 2010).

Oros, S. M., Tare, M., Singh, A. “Dorsal eye selector pannier (pnr) suppresses the retinal differentiation in the Drosophila eye.” 51st Annual Drosophila Research Conference, Genetics Society of America (GSA), Washington, DC. (April 7, 2010).

Oros, S. M., Tare, M., Singh, A. “Dorsal eye selector pannier (pnr) suppresses the retinal differentiation in the Drosophila eye.” Neuroscience Day, Ohio Miami Valley Chapter of Society of Neuroscience, School of Medicine, University of Cincinnati, Cincinnati, OH. (May 10, 2010).


Robinson, J. B. “Functional Mentoring.” STEM Chairs Workshop, National Science Foundation ADVANCE: LEADER Consortium, Wright State University, Dayton, OH. (December 16, 2010).


It is hard for people to step out of their comfort zones in order to try something new. Most people like to stick to what they know. An exception is art history professor, Dr. Roger Crum, who has no problem exploring any area of research that he finds interesting. He does not just focus on his area of expertise--the political aspect of Florentine art. Instead, Crum studies whatever catches his curiosity. Crum has written on the sculptures of Degas, the future of the book, photography of the Wright Brothers and many other areas related to art.

Crum’s most recent projects are related to his specialty; unfinished sculpture in the Florentine Renaissance and the international dimension of the Florentine Renaissance. Crum is interested in the unfinished masterpieces--those works of art that were started but never finished. He gives the example of how Michelangelo created the sculpture David from another artist’s unfinished work. Dealing with the international dimension of the Florentine Renaissance, Crum is researching where Florentine artists sent their work. Some of their artwork stayed in Florence but other works went to different locations.

With all of his research endeavors, Crum said his favorite research project was one he actually stumbled upon while working on another project. In the summer of 1996, Crum went to Florence to study Donatello’s sculptures. While looking at photos in the library, he came across a picture of a sculpture in a piazza surrounded by Nazi flags. Crum had never seen this picture before and looked at it as a detective’s chase. He began searching for clues to understand the history of that picture. He eventually figured out the mystery behind the photo, but he had not learned much about Donatello’s sculptures!

“This project was not what I intended to do, but it was interesting and a good learning experience.” Crum stated about his favorite project.

Crum shows true passion and commitment to his research. He is proud of his publications and states that they are like his children. Crum claims that having his work published continually thrills him.

“Having someone read what I wrote and to hear that it helped them or interested them is rewarding,” Crum states about his scholarship.

Crum also receives satisfaction when he hears that other colleagues are sharing his work with their students. He believes that scholarship and teaching should be connected effortlessly and joyously.

Crum states that next on his research agenda is trout fishing. Fishing is a meditative activity for him, but he is considering looking into art that is associated with fishing and the natural world. Even though he does not have a background in the area of art and fishing, it will not prevent him from exploring this new topic.

—Lindsey J. DiTirro

Tsonis, P. A. Symposium Co-Chair. 19th International Congress for Eye Research, Symposium co-chair, Montreal, Canada. (July 20, 2010).


Williams, T. M. “Beyond the birds and the bees: Molecular insights about the making and evolution of fruit fly sexually dimorphic traits.” Eastern Michigan University, Ypsilanti, MI. (November 10, 2010).

Williams, T. M. “Beyond the birds and the bees: Molecular insights about the making and evolution of fruit fly sexually dimorphic traits.” Wright State University, Dayton, OH. (April 12, 2010).

Williamson, H. R., Benbow, M. E., Campbell, L., Small, P. “Distribution of Mycobacterium ulcerans along continuous waterways in Benin.” Southeastern Mycobacteria Meeting, Chapel Hill, NC. (January 15, 2010).


Wright, S. J., Lunn, M. O. “Relationship Between Surface Morphology of the Zona Pellucida and Oocyte Health in the Canine.” 43rd Annual Meeting of the American Academy of Forensic Science, Seattle, WA. (February 26, 2010).

Tsonis, P. A. “Concepts and Model Organisms in Regenerative Biology.” The 5th International Meeting of the Latin American Society for Developmental Biology, Santa Cruz, Chile. (November 14, 2010).

Tsonis, P. A. “Concepts and Model Organisms in Regenerative Biology.” The 5th International Meeting of the Latin American Society for Developmental Biology, Santa Cruz, Chile. (November 14, 2010).

Tsonis, P. A. “Lens regeneration.” The Eye Institute, University of Ottawa, Ottawa, Canada. (May 20, 2010).


Journal Articles


Other-Exhibits, Videotapes, Seminars, Workshops


Presentations

Benin, V. A. “Phosphonic and Boronic Acids and Esters for Specialty Polymers.” Invited Seminar Presentation, Wright State University, Dayton, OH. (September 26, 2010).

Benin, V. A. “Gulf Oil Spill Teach-In.” University of Dayton, Dayton, OH. (August 31, 2010).

Benin, V. A., Knachel, H., Moddeman, W., Birkebeck, J. “Cleavage of methyl perfluoroalkyl ethers with metal carbides.” 239th American Chemical Society National Meeting, American Chemical Society Dayton Section, University of Dayton, Dayton, OH. (March 8, 2010).

Johnson, D. W. “Incorporation of Civic Engagement into the General Chemistry Curriculum: Approaches, Problems, Successes and Failures.” Central Regional Meeting, American Chemical Society, Dayton, OH. (June 17, 2010).

Johnson, D. W. “Incorporation of SENCER Principles into an Environmental Chemistry Course.” Central Regional Meeting, American Chemical Society, Dayton, OH. (June 17, 2010).

Johnson, D. W., Masthay, M. B., Strathman, A., Voegerl, N. “Chemists and Artists: Both See Beauty, but Communicate in Different Ways.” Central Regional Meeting, American Chemical Society, Dayton, OH. (June 18, 2010).

Johnson, D. W., Masthay, M. B., Stathman, A., Voegerl, N. “Studies on Dynamics, Mechanism and Characterization of the Thermal Degradation Products of Beta Carotene by GC-MS.” Central Regional Meeting, American Chemical Society, Dayton, OH. (June 17, 2010).

Masthay, M. B., Jones, R. E., Karingithi, R. N., Miller, P. A., Ananthoji, R., Fannin, H. B. “Nonextensive entropies and non-Boltzmann (Tsallis) thermostatistics in two-level magnetic spin lattices in the absence of long-range interactions.” 2010 Midwest Thermodynamics and Statistical Mechanics Conference, University of Notre Dame College of Engineering, University of Notre Dame Graduate School, and the National Science Foundation, Notre Dame University, South Bend, IN. (June 3, 2010). Also, presented at the 42nd Annual Central Regional Meeting of the American Chemical Society (CERMACS 2010), American Chemical Society, Dayton, OH. (June 16, 2010).

Masthay, M. B., Jones, R. E., Karingithi, R. N., Miller, P. A., Ananthoji, R., Fannin, H. B. “Negative and infinite microcanonical, ‘continuous’ canonical, and ‘discrete’ canonical temperature states in two-level magnetic spin lattices.” 2010 Midwest Thermodynamics and Statistical Mechanics Conference, University of Notre Dame College of Engineering, University of Notre Dame Graduate School, and the National Science Foundation, Notre Dame University, Notre Dame, IN. (June 3, 2010). Also, presented at the 42nd Annual Central Regional Meeting of the American Chemical Society (CERMACS 2010), American Chemical Society, Dayton, OH. (June 16, 2010).


Swavey, S. M., Carbone, M., McCrate, A. “Anionic photocleavage of supercritical DNA by a ruthenium(II) multi-metallic porphyrin.” Local American Chemical Society Meeting, American Chemical Society, University of Dayton, Dayton, OH. (March 14, 2010).

Swavey, S. M., Craver, E. “Tris-ruthenium(II) copper(II) multi-metallic porphyrin: Synthesis, characterization, DNA binding and supercritical DNA photocleavage studies.” Local American Chemical Society Meeting, American Chemical Society, University of Dayton, Dayton, OH. (March 14, 2010).


Swavey, S. M., Richards, G. “Electrooxidation of N(III), Cu(II), Fe(I) and Co(II) porphyrins on edge plane pyrrolytic graphite electrodes and their use as electrocatalysts for the reduction of oxygen in acidic media.” American Chemical Society Dayton Chapter, Local American Chemical Society, University of Dayton, Dayton, OH. (March 14, 2010).

Swavey, S. M., Richards, G. “Electrooxidation of N(III), Cu(II), Fe(I) and Co(II) porphyrins on edge plane pyrrolytic graphite electrodes and their use as electrocatalysts for the reduction of oxygen in acidic media.” 41st Central Regional Meeting, American Chemical Society, Dayton, OH. (June 16, 2010).

Zhao, Y., Johnson, D. W., Masthay, M. B. “Thermal degradation of beta-carotene: Kinetics and reaction products.” 2010 Annual Poster Session, Dayton Section, American Chemical Society, Dayton Section of the American Chemical Society and Society for Applied Spectroscopy, Ohio Valley Section, University of Dayton, Dayton, OH. (March 8, 2010).

Sponsored Research


Technical Reports

College of Arts & Sciences 2010 Scholarship

Communication

Book Chapters

Grants
Griffith, J. L. “International Research and Development Grant.” Sponsored by International Association for Business Communicators, $2,000. (August 2009 - July 2010).

Journals Articles


Other


Papers Published in Conference Proceedings

Presentations
Fries, P., Robinson, J. D. “Audience Perceptions of Channel Utility and Issue Salience in Health Information Seeking:


Yoder, D. D., Wallace, S. P. “Teaching basic communication skills in general education: Where do we stand and where are we headed?” Basic Course Directors Conference, Las Vegas, NV. (January 29, 2010).


Computer Science

Grants
Perugini, S. (Principal), Wright, D. J. (Co-Principal), Quill, L. L. (Co-Principal), Bowers, D. M. (Co-Principal), Cresenca, J. V. (Supporting), Mize, M. (Supporting). “Virtual Learning and Teaching Community.” Sponsored by Ohio Board of Regents and University of Dayton Research Institute (UDRI), $20,000. (April 29, 2009 – April 29, 2011).


Journal Articles
While working as a middle school teacher, Dr. Shannon Driskell noticed that her colleagues were facing an obstacle. She observed that teachers felt insecure with their knowledge. Driskell felt that she could have a profound impact by teaching them how to be more comfortable and confident in their knowledge and teaching abilities.

Now as a mathematics education professor, Driskell has achieved her goals and helped to advance the skills of many teachers. Driskell teaches math for students who are studying to be elementary, middle and secondary school teachers. She enjoys challenging her pre-service teachers and providing them with a rich background in mathematics.

To help her students further, Driskell is working with her colleague Dr. Becky Krakowski to develop a new graduate curriculum.

“The program continues to help enhance mathematical pedagogical knowledge for teachers of grades 9-12,” Driskell explains. “It goes beyond high school math in order to enhance mathematical content knowledge.”

Throughout the program, Driskell provides her students with technological knowledge, since today’s teachers are continuously looking for new technologies they can bring into their classrooms. Also, Driskell teaches her students how to collect data through action research. They learn how to conduct research and analyze the results. This helps the teachers to see if what they are doing in their classrooms benefits their students.

Another project Driskell is working on is a product that will help students better understand quadrilaterals. Since the product is still in the development stages, Driskell could only reveal partial information.

“Hopefully, the product will be released soon, so more details can be released,” Driskell said.

Not only does Driskell try to improve her students’ teaching skills, but her own as well. She likes to read about what other colleagues are doing, attend conferences and collaborate on research in order to update her teaching activities. She also has edited a technology tips column. This was helpful because it helped her learn what others were doing in the area of technology and education.

Driskell is currently working on a research project with five other colleagues that will benefit the mathematics education community. Driskell and her colleagues are analyzing 1800 articles and coding 125 variables in order to see where research has been conducted and where it needs to be focused. Through this project, researchers can see what areas in mathematics education need more attention and can fill those gaps with new knowledge.

—Lindsey J. DiTirro


Papers Published in Conference Proceedings


Seitzer, J. “Cyber UD – Five Online Resources You Need to Know at University of Dayton.” First Lecture Series of the 2010 New Student Orientation, First Lecture Series of the 2010 New Student Orientation, University of Dayton, Dayton, OH. (August 23, 2010).

Seitzer, J. “Extreme Programming -- the new SW Engineering.” Guest Lecturer Software Engineering Class – University of Cincinnati, Cincinnati, OH. (June 23, 2010).


Dean's Office - CAS

Journal Article


Maps


Presentations


Harmless, K., Tinnerman, L., Friese, C. F., Johnson, D. W., Mastroy, M. B., Pair, D. L. “Field Reports: Large scale SENCER initiatives at Indiana State University and the University of Dayton.” SENCER Summer Institute 2010, National Science Foundation, University of North Carolina, Asheville, NC. (August 2, 2010).

English

Artistic Contributions


Book Chapters


Grants

Krummel, M. A. (Principal). “Grant-In-Aid.” Sponsored by University of Dayton, Research Institute, $1,000. (June 2010 - August 2010).


Morgan, T. L. (Principal). “The Correspondence of Paul Laurence Dunbar.” Sponsored by University of Dayton Research Council Seed Grant, $5,000. (June 1, 2010 - August 15, 2010).


College of Arts & Sciences 2010 Scholarship
Presentations


Bardine, B. A. “Heavy Metal Music and Composition: A New Approach to Teaching Writing.” College English Association of Ohio Annual Conference, College English Association of Ohio, Ohio Dominican University, Columbus, OH. (April 16, 2010).

Bardine, B. A. “Reading and Writing Assessment in Middle and High School.” Reading and Writing Assessment, National Writing Project at Kent State University, Kent State University, Kent, OH. (July 12, 2010).

Bardine, B. A. “TA Training: New Approaches to Building Community.” Ohio Council of Teachers of English Language Arts Annual Conference, Ohio Council of Teachers of English Language Arts, Columbus, OH. (March 26, 2010).


Iromuanya, J. “Mr. and Mrs. Doctor.” Midwest Modern Language Association Annual Conference, Midwest Modern Language Association, Chicago, IL. (November 7, 2010).

Iromuanya, J. “The Midlumen Speaks: Race, Citizenship, and Labor in Dinaw Mengestu’s The Beautiful Things that Heaven Bears.” Monmouth University, West Long Branch, NJ. (November 12, 2010).


Kimbrough, R. A. “Going for Baroque.” Bach Society of Dayton, Centerville High School, Centerville, OH. (March 22, 2010). Also, presented at Stubbins High School, Dayton, OH. (February 19, 2010).

Kimbrough, R. A. “Mozart and (Im-) Mortality.” Dayton Philharmonic Orchestra, Schuster Center, Dayton, OH. (October 15 and 16, 2010).


Krummel, M. A. “Rendering the Unseen Visible: The Language of 13th-Century Manuscript Pictorialism.” Medieval Academy of America, Medieval Academy of America and Yale University, New Haven, CT. (March 20, 2010).


McCombe, J. P. “John Lennon and a Neo-Romantic Aesthetic of Indolence.” Louisville Conference on Literature and Culture Since 1900, University of Louisville Department of English, Louisville, KY. (February 18, 2010).

McCombe, J. P. “Teaching Gender in First-Year Humanities Courses.” Faculty Exchange Series, University of Dayton, Dayton, OH. (September 27, 2010).

Morgan, T. L. “He was like a little dog” Reading ‘The Monster’ with Toni Morrison.” American Literature Association Conference, Boston, MA. (May 25, 2010).

Morgan, T. L. “Spectors of Belief: Race and Metaphor in Sherman Alexie’s Poetry.” Louisville Conference on Literature and Culture Since 1900, University of Louisville, Louisville, KY. (February 19, 2010).

Morgan, T. L. “The Life and Fiction of Paul Laurence Dunbar.” Dayton Metro Library, Dayton Metro Library, Huber Heights, OH. (February 9, 2010).


Potter, R. C. “Property and Propriety: Aldo Leopold’s Land Ethic.” Many Shades of Green, Association for Environmental Studies and Sciences Annual Conference, Portland, OR. (June 19, 2010).

Potter, R. C. “‘Session: Aldo Leopold-New Perspectives.’” Many Shades of Green, Association for Environmental Studies and Sciences Annual Conference, Portland, OR. (June 19, 2010).

Potter, R. C. “‘The New Agrarianism: Property, Land and High School.” Reading and Writing Assessment, National Writing Project at Kent State University, Kent State University, Kent, OH. (July 12, 2010).

Rammrayanan, A. “New Directions in Postcolonial Studies.” Project Narrative, The Ohio State University, Columbus, OH. (February 6, 2010).


Western Literature Association Conference, Western Literature Association, Prescott, AZ. (October 22, 2010).


Vorachek, L. J. "Fostering Commonality and Connections." University of Dayton Research Council Seed Grant, $5,000. (December 1, 2010 - December 31, 2011).

Recent Presentations

Fitz Center Presentations


Geology Abstracts


Sandy, M. R. (Co-Principal), Furfaro, R. (Co-Principal), Leonard, G. (Co-Principal), Bush, A. (Supporting). Quantitative characterization of Glacier State and Dynamics in South Asia and Validation in Alaska using Repeat ASTER Multispectral and Terrain Information. Sponsored by National Aeronautics and Space Administration (NASA), (December 1, 2010 - December 31, 2013).

Sandy, M. R. (Supporting). Climate literacy through Challenger Learning Centers. Using the national network of Challenger Learning Centers for large-scale teacher professional development in climate literacy, with a special focus on integrating NASA data into classroom activities. Award to Dayton Public Schools. Sponsored by NASA Global Climate Change Education Grant: Research Experiences, Teaching and Learning, $564,000. (December 2009 - June 2013).

Sandy, M. R. (Principal). Fossil shell beds as indicators and predictors of ancient hydrocarbon seeps: Assessing their sedimentology, stratigraphy, geochemistry, evolutionary and biostatigraphic significance. Sponsored by University of Dayton Research Council Seed Grant, $6,000. (December 2010 - December 2011).


the Natural Heritage of the Park, and It’s Boundaries Extension.” Sponsored by National Center for the Management of Research Programs, Romania. (2008 - 2010).


Journal Articles


Presentations


Goldman, D., Pantle, C. A., Bergstrom, S. M., Sheets, H. D. “High-resolution stratigraphic correlation and Biodiversity Dynamics of Middle and Late Ordovician Marine Fossils from Baltoscandia.” Quantitative Paleobiology and Stratigraphy, Nanjing Institute of Paleontology and Stratigraphy, Nanjing, People’s Republic of China. (July 29, 2010).

Haritashya, U. “Improving melt runoff modeling by incorporating information from different water bearing zones in a glaciated basin.” Remote Sensing and Hydrology 2010 Symposium, Jackson Hole, WY. (September 29, 2010).


Sandy, M. R. “Geology and landscape of the Miami Valley: Content knowledge for staff.” Kulkwod Audubon Society, Dayton, OH. (March 22, 2010).

Sandy, M. R. “Geology for Teachers of Young Children.” Content for ACCESS: Professional Development Day for Teachers, Kroc Center, Salvation Army, Dayton. OH, Erma Bombeck Center, University of Dayton, Dayton, OH. (May 7, 2010).


Sandy, M. R. “Precipitation pattern of Ohio, present and future.” Miami University Department of Botany Seminar, Miami University Department of Botany, Oxford, OH. (March 26, 2010).

Wu, S.-Y. “Precipitation pattern of Ohio, present and future.” University of Dayton Research Institute, $6,000. (December 15, 2009 - December 15, 2010).

Wu, S.-Y. “Projecting extreme precipitation in Ohio using NARCCAP regional climate models.” American Geophysical Union Annual Meeting, American Geophysical Union, San Francisco, CA. (December 16, 2010).


History

Books


Book Chapters


Book Reviews


Grants
Borbons, D. “Grant-in-aid.” Sponsored by University of Dayton Research Institute, $1,000. (May 15, 2010 - August 14, 2010).
Borbons, D. “Research Council Seed Grant 2010.” Sponsored by University of Dayton Research Institute, $5,000. (May 15, 2010 - August 14, 2010).

Carter, M. (Principal). “Faculty Research Grant.” Sponsored by Center for International Programs, University of Dayton, $1,000. (June 2010 - July 2010).


Journal Articles


Newspapers
Amin, J. A. “Evangelical Fears and Catholic Resources: An Ecumenical Opening?” Center for Catholic and Evangelical Dialogue, University of Dayton, Dayton, OH. (September 24, 2010).
Amin, J. A. “Holy Men and Women of the Midwest.” Theology on Tap, Dayton, OH. (September 9, 2010).
Amin, J. A. “Enlightenment Catholicism: Matthew Carey and the Emergence of the American Church, 1784-1839.” University of Notre Dame Cushwa Center, University of Notre Dame, South Bend, IN. (March 25, 2010).

Fleischmann, E. L. “Should we care about peace between Israel and Palestine?” Table of Plenty, Campus Ministry, University of Dayton, Dayton, OH. (January 26, 2010).
Fleischmann, E. L. “Reflections on how to grasp the relationship between national and international developments: moving from plan to practice.” Methodological approaches to international idea and knowledge exchanges, University of Bergen, Bergen, Norway. (May 7, 2010).

Outstanding Contribution by a Full-Time Non-Tenure Track Faculty Member: Jim McCutcheon

It is safe to say that every aspect of Jim McCutcheon’s life is related to music. He is an Artist-in-Residence in the Department of Music and teaches guitar at the University of Dayton, hosts a weekly guitar show on Dayton Public Radio, owns a music store with his wife and performs locally and nationally. These are only a few examples of McCutcheon’s involvement with music.

McCutcheon was not always completely consumed with music. While he always played guitar and was interested in music, he earned his undergraduate degree (from the University of Dayton) in physics. After graduating, McCutcheon was offered the opportunity to travel the country playing the flute (the instrument that he played at the beginning of his career) with a band. He decided to make the opportunity an experiment. He wanted to see if he would still like music after being surrounded by it every day, as the band played six days a week for five hours a night. When the travelling ended, McCutcheon knew he could make a living with music. Music is what he truly enjoyed.

“They say time flies when you are having fun. I don’t know where these past 30 years went,” McCutcheon states. “I couldn’t imagine not making music. I would always want to teach, perform and compose.”

Since 1978 McCutcheon has been teaching guitar lessons to UD students at all skill levels. He enjoys helping students go farther than they ever thought they could in their performance skills.

McCutcheon had a bad experience while he was in sixth grade performing in front of an audience. He was auditioning for his school’s choir and everyone, including the teacher, laughed at him when he was done. McCutcheon now views this experience as a gift. He can relate to his students’ anxiety about performing in front of an audience—especially singing. Most of his students do not want to sing while playing guitar. But McCutcheon feels singing the lyrics of a song are an important part of playing guitar, and so prefers to teach his students how to sing while playing and to feel comfortable when performing.

Even though his life is filled with music, McCutcheon still utilizes his physics background. The Guitar Man performs for young students and teaches them about science through his performance. He uses his electric guitar to explain the physics behind the music.

“I also play a few classical recitals each year,” McCutcheon said. “It keeps me feeling like an artist.”

Classical recitals also give him energy which he brings to his lessons. McCutcheon claims that he is lucky to have students who have a desire to learn and bring excitement to the lessons as well.

In the future, McCutcheon hopes to be able to write more guitar music.

“People like the music I write,” McCutcheon stated. “So, it gives me an incentive to keep writing.”

–Lindsey J. DiTirro

Merithew, C. A. “Before ‘The Personal is Political’: Katie DeRorre, an Immigrant Transnational at Home.” Five Colleges Women’s Studies Research Center, Mt. Holyoke College, South Hadley, MA. (February 8, 2010).


Reid, P. A. “Freed Blocks and the Constitution.” Third Annual People of Color Legal Scholarship Conference, Seton Hall, Newark, NJ. (September 9, 2010).


Reid, P. A. “‘Halit Revolution, Refugee Widows, and Black Petitioners.’ Race, Gender and Revolutionary America, College of Charleston, Charleston, SC. (February 21, 2010).


Trollinger, W. V. “Fundamentalism and the Klan: An Historiographical Exploration.” Conference on Faith and History Biennial Meeting, Conference on Faith and History, Medford, OR. (October 9, 2010).


Languages

Books


Grants

Work, N. C. (Principal). “LTC Research Fellows Grant.” Sponsored by Ryan C. Harris Learning Teaching Center, University of Dayton, $1,500. (July 2010).

Other


Papers Published in Conference Proceedings


Presentations


Espinoza, I. J., Coronado, J. “Constructing Meaning Through Authentic Listening.” Central States Conference on the Teaching of Foreign Languages, Central States on the Teaching of Foreign Languages Association, Minneapolis, MN. (March 4, 2010).

Figueroa, D. “Spanish for Ethics.” Ethics Program/Department of Languages, University of Dayton, Dayton, OH. (January 14, 2010).


Peseros-Bermejo, F. J. “Inserjuncas de un exilio en el que desde esta cámara oscura, de Gerardo Piña-Rosales.” Asociacion de Licenciados y Doctores Espanoles en Estados Unidos, ALDEEU - Spanish Professional in America, Hershey, PA: IGI Global. (pp. 263-297).

Book Reviews


Contracts


Hovey, P. W. (Co-Principal), Smith, F. R., Boehnlein, T. R. “Probability of Fracture (PROF) Software Update.”
Service may be defined as work done by somebody for somebody else as a job, duty, punishment or favor. However, for philosophy professor Dr. Danielle Poe, service is not just a professional requirement, it is part of her life.

Poe grew up in a family that valued service. She never lost that desire to serve others (even winning a university award for service as an undergraduate). This passion is what led Poe to the University of Dayton. She loves the mission of UD and the Marianist emphasis.

"By being service oriented, it keeps me involved with the mission of the University," Poe said. "My voice is heard, and I can contribute to the University."

And Poe has made no shortage of contributions to the University and the community. She is the director of the Core Program (in which she helped to integrate English into the Core first-year curriculum) and has served on, the College’s Tenure and Promotion Committee, the Academic Senate, and the Coordinating and Writing Team for the Common Academic Program. Poe also serves as president of Concerned Philosophers for Peace.

Of all her activities, Poe picked the Core Program and Common Academic Program as her favorites. For both programs, disciplines are integrated to help students make connections among all subject areas.

“I have learned so much from my colleagues and students," Poe said about the Core Program. "It has changed my teaching and research."

Outside of the University of Dayton, Poe is a member of the Good Samaritan Hospital Ethics Committee. Doctors and nurses can come to the board with ethical issues. Poe said it is fascinating to work with health providers, community members, the public relations department and all the divisions of the hospital, because it allows for different perspectives to come together.

Since service is such a central part of Poe’s life and service learning inspired her as a student, she tries to integrate service into her courses. Through her social philosophy course, Poe strives to have students take ideas and experiences from service activities and apply them to the course material in order to transform the texts.

"Service learning helps students reach that ‘ah-ha’ moment and helps them to learn how great service opportunities are," Poe claims.

For Poe’s next project, she wants to explore ways to best communicate service experiences to others. She feels this is a new and important area of scholarship, which focuses on the integration of service and research.

–Lindsey J. DiTirro
Higgins, A. W., Gallian, J. A. "Getting Students Involved in Undergraduate Research -- How to Make It Work." Project NExT Workshop at Mathfest, Mathematical Association of America, American Mathematical Society, Syracuse University, Syracuse, NY. (October 3, 2010).


Islam, M. N. "Periodic solutions of integral equations with delay." Izmir Economics University Colloquium Series, Izmir Economics University, Izmir, Turkey. (July 26, 2010).


Keen, V. L. "Using Digital Video to Strengthen Student Learning of Mathematics." Colloquium, Department of Mathematics, University of Dayton, Dayton, OH. (January 28, 2010).


Usman, M. "Development of Interdisciplinary Mathematical Biology Course Curriculum and Laboratory." Biomathematics and Ecology: Education and Research, Illinois State University, Normal, IL. (September 4, 2010).


Yengulalp, L. C. "Coarser connected topologies." Wright State University Mathematics Colloquium, Wright State University, Dayton, OH. (January 29, 2010).

Yengulalp, L. C. "Euler Characteristic." Pi Mu Epsilon Induction Ceremony, Pi Mu Epsilon - Ohio Zeta Chapter, University of Dayton Department of Mathematics, Dayton, OH. (April 26, 2010).


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**Music**

**Books**


**Book Chapters**


**Book Reviews**


**Exhibitions**


**Grants**


MacLachlan, H. M., “Koren Music Making in Fort Wayne, IN (SEED Grant).” Sponsored by University of Dayton, $5,000. (June 2010 - November 2010).

Street, P. E. “International Research and Development Grant.” Sponsored by University of Dayton International Studies, $1,000. (March 21, 2010).

Journal Articles


http://www.uk.sagepub.com/etbooks/ProdDesc.nov?prodId=Book230700

Music Compositions


Magnuson, P. C. “Rejoice in the Lord.” Organ prelude. (September 2010).

Magnuson, P. C. “Postcards.” Cello and piano, Dayton, OH. (January 2010).


Street, P. E., Jackson, L. (Performer). “Chocolate Kisses.” California State University, Northridge, CA. (November 20, 2010).


Newspapers


Other Artistic Contributions


Street, P. E. “Public Master Class for Kansas City Area Piano Teachers.” Kansas City Music Teachers Association, Kansas City, MO. (October 5, 2010).

Street, P. E. “Public Master Lessons, Kansas City.” Kansas City Music Teachers Association, Kansas City, MO. (October 1, 2010 - October 4, 2010).

Other Published Intellectual Contributions


Other Reviews


Performances


Benjamin, J. A. (Performer). “Faculty Composer Recital.” University of Dayton Department of Music, Dayton, OH. (January 10, 2010).


Chenoweth, R. K. “John Stuart Society Concert.” University of Dayton Horn Choir, University of Dayton, Dayton, OH. (September 11, 2010).


Chenoweth, R. K. “Easter Brass.” Brass Quartet, Christ Methodist Church, Kettering, OH. (April 4, 2010).


Gratto, S. D. “Christmas on Campus Concert.” World Music Choir, University of Dayton Department of Music, Dayton, OH. (December 8, 2010).

Gratto, S. D. “Choral Concert.” World Music Choir, University of Dayton Department of Music, Dayton, OH. (December 5, 2010).

Gratto, S. D. “World Music Concert.” World Music Choir, University of Dayton Department of Music, Dayton, OH. (December 18, 2010).

Gratto, S. D. “Choral Concert.” World Music Choir, University of Dayton Department of Music, Dayton, OH. (November 11, 2010).


Jones, R. (Conductor). "2010 Christmas on Campus." University of Dayton Chorale, Choral Union and Men’s Ensemble, University of Dayton Department of Music, Dayton, OH. (December 8, 2010).

Jones, R. (Conductor). "2010 Christmas Concert." Choral Union/Hands in Harmony/World Music Choir, University of Dayton Department of Music, Dayton, OH. (December 5, 2010).

Jones, R. (Conductor). "2010 Fall Concert." University of Dayton Chorale and Choral Union, University of Dayton Department of Music, Dayton, OH. (November 7, 2010).


Jones, R. "2010 Spring Subscription Concert." Musical, Mary Tymes and Paul & Susie Weaver, Dayton, OH. (May 1, 2010 - May 2, 2010).


Jones, R. (Conductor). "2010 Spring Concert." University of Dayton Choral Union, University of Dayton Department of Music, Dayton, OH. (April 11, 2010).

Jones, R. (Conductor). "Spring Concert." University of Dayton Chorale and Choral Union, University of Dayton Department of Music, Dayton, OH. (March 21, 2010).


Jones, R. (Performer). "Give My Regards to Broadway." Men’s Faculty Vocal Quartet, University of Dayton Department of Music, Dayton, OH. (September 3, 2010).

Jones, R. (Performer). "Performed excerpts from Songs of Travel (RVWilliams) on Travelogue Recital." University of Dayton Department of Music, Dayton, OH. (February 14, 2010).


Leslie, J. (Performer). "A Tribute to Count Basie." The Newport All-Stars Big Band, Xavier University, Cincinnati, OH. (September 12, 2010).


Leslie, J. (Performer). "Jazz with the Doug Finke All-Stars." The Doug Finke All-Star Jazz Band, Xavier University, Cincinnati, OH. (March 14, 2010).


MacLachlan, H. M. (Director). "Marimba Semester Concert." University of Dayton Marimba Ensemble, University of Dayton, Dayton, OH. (December 9, 2010).


Morris, W. L. (Performer). "Faculty Saxophone Recital." University of Dayton, Dayton, OH. (April 9, 2010).


College of Arts & Sciences 2010 Scholarship


Snyder, L. J. (Conductor). “Fall Concert.” Schuster Center Celebration Choir, Victoria Theatre Association, Dayton, OH. (September 10, 2010).


Street, P. E. (Performer). “Low Christmas Gala.” University of Dayton School of Law, Dayton, OH. (December 15, 2010).


Street, P. E. (Performer). “Pianofest!” University of Dayton Piano Ensemble, University of Dayton Department of Music, Dayton, OH. (March 10, 2010).

Street, P. E. (Performer). “Orchestra Soloist, 18th Variation on a Theme of Paganini - Rachmaninoff.” University of Dayton Orchestra, Dayton, OH. (February 20, 2010).


Presentations

Cox, D. M. “2 Sessions: African American Women Composers’ Vocal Works; Gospel Singing Style.” 22nd Annual Kansas State Music Education Symposium, Manhattan, KS. (June 7, 2010).

Cox, D. M. “A Crazy Kind of Faith.” Friendship Baptist Church, Memphis, TN. (October 24, 2010).

Cox, D. M. “Negotiating the Conflict Between the Necessary and the Urgent.” Annie Thornton Leadership Conference, University of Dayton, Dayton, OH. (March 27, 2010).


Gratto, S. D. “Navigating World Choral Music: From Rote Resources to the Printed Score.” Northwestern Division Conference, American Choral Directors Association, Seattle, WA. (March 12, 2010).


Jones, R. “Performance.” 2010 American Choral Directors Association North Central Division Professional Conference, American Choral Directors Association, Cincinnati, OH. (February 25, 2010).

Leslie, J. “Making Use of Recordings to Enhance Practice.” Percussion Clinic, Bowling Green State University, Bowling Green, OH. (April 14, 2010).

Leslie, J. Miami Valley Jazz Camp, Dayton Jazz Orchestra, Kettering, OH. (June 14, 2010).

Liu, J. “Butterfly Lovers, the First Chinese Violin Concerto.” College Orchestra Directors Association 3rd National Conference, College Orchestra Directors Association, Atlanta, GA. (February 4, 2010).

One of the Mann Chair’s principal responsibilities is to bring visibility to and advocate for the natural sciences at the University of Dayton. Newly appointed Mann Chair, Dr. Peter Powers, professor of physics, has taken that responsibility beyond the University and into China. This past year, UD set up an institute in China in hopes of building research partnerships between UD and Chinese universities. Powers visited the country last semester as a representative of the natural sciences at UD in order to provide his insight on how the sciences could contribute to this new facility. Powers plans to increase his involvement with the institute by teaching a short course there on nonlinear optics.

Powers also participated in the University’s inaugural Global and Intercultural Faculty Study/Travel Program, which took him back to China in May. For this program, Powers is working on developing joint degrees in physics and electro-optics with some top Chinese universities.

Nonlinear optics is Powers’ research specialty. His textbook Fundamentals of Nonlinear Optics took him three years to complete, but he states that it has opened many doors for him. He looks forward to using the textbook to design and teach new courses on the subject.

Along with the China initiative, Powers is a member of the committee that organized an annual faculty scholarship day at the University. SOARS: Spotlight on Advanced Research and Scholarship is an event in which researchers can share their research findings and try to make connections with colleagues. This was the first year for the event, and Powers hopes to continue to help develop SOARS.

Powers appreciates how SOARS provides opportunities for faculty members to create partnerships with other researchers, as that is something he wishes to do more of in the future.

“I want to collaborate more at a national and international level,” Powers said.

Powers wants to encourage faculty members in the sciences to work together. A project he hopes to accomplish while serving as Mann Chair is to create a web presence for UD research in the natural sciences. The website would allow faculty members to see what their colleagues are researching and identify possibilities for collaboration.

An important aspect of the Mann Chair is that it allows Powers more time for research and to investigate new ideas in nonlinear optics. In addition to teaching a short course in China, he plans to offer it at scientific conferences. Powers hopes eventually to deliver the course online.

With more time dedicated to research, Powers is also able to work with students on their own research projects. This allows him to explore new research directions along with his students.

“Students are fun, energetic and full of new ideas,” Powers said of working with his students. “Training students is one of the biggest impacts that I can make.”

Lastly, Powers is working with the School of Engineering to help educate young scientists through its Minority Leaders Program. This program brings students from local high schools to UD’s campus. The students learn about the different sciences by visiting labs and interacting with UD’s students and faculty.

“Now I represent all the sciences, not just the Physics Department,” Powers said of one of the happy adjustments he has made since his appointment as Mann Chair.

—Lindsey J. DiTirro


MacLachlan, H. M. “The Relationship Between Creativity and Financial Independence: A Lesson Learned from the Burmese Pop Music Industry.” 59th Annual Meeting, Midwest Conference on Asian Affairs, Ohio State University, Columbus, OH. (October 3, 2010).

Reynolds, P. A. “Meet the Conductor Talks, Schools Partnering Artists Reaching Kids.” Dayton Philharmonic Orchestra, various schools - 12 presentations over 7 days. (January 25, 2010).

Sink, D. W. “How to Teach the Unteachable: Composing Pedagogy of Composition.” College Music Society National Conference, College Music Society, Minneapolis, MN. (September 24, 2010).

Snyder, L. J. “Collaborating with Singers: What Every Young Accompanist Should Know.” Dayton Area Fall Meeting, Ohio Music Teachers Association, Dayton, OH. (November 6, 2010).


Snyder, L. J. “Master Class in Musical Theatre.” University of Colorado at Denver, Denver, CO. (October 1, 2010).

Snyder, L. J. “Women Composers on Broadway.” University of Colorado at Boulder, Boulder, CO. (October 1, 2010).


Street, P. E. “‘Good vs. Evil’ in Song!” Minority Outreach Lecture, Dayton Opera Guild, Trinity Presbyterian Church, Dayton, OH. (April 6, 2010).

Street, P. E. “Art & Arias: The Devil’s in the Details!” Dayton Art Institute, Dayton Opera Guild, Dayton, OH. (March 28, 2010).

Street, P. E. “Chopin’s 1st Piano Concerto.” Dayton Philharmonic Orchestra, Schuster Center, Dayton, OH. (November 5, 2010).

Street, P. E. “Gounod’s ‘Faust’.” Opera Overtures, Dayton Opera, Books & Company, Dayton, OH. (March 28, 2010).


Street, P. E. “Take Note! Chopin’s 2nd Piano Concerto.” Dayton Philharmonic Orchestra, Schuster Center, Dayton, OH. (November 6, 2010).

Street, P. E. “The Art of the Concerto.” Leah Kay’s Piano Studio, Middletown, OH. (February 20, 2010).

Street, P. E. “Vocation of the Great Composers.” Faculty Exchange Series, Lilly Foundation, University of Dayton, Dayton, OH. (February 9, 2010).

Sponsored Research


Fischer, M. (Principal). University of Dayton Center for International Programs. $750. (May-June 2010).

McEwan, R. (Co-Principal), Fauks, D. C. “Re-recognizing the Earth underfoot: Exploring the hidden ecology of our own backyard through student engagement and community partnership.” Sponsored by Learning and Teaching Center, University of Dayton, $6,500. (January 1, 2010 - February 1, 2011).

James, D. D. (Principal). “UDRI Seed Grant.” Sponsored by University of Dayton Research Institute, $5,000. (May 2010 - August 2010).


Wissman, R. S. (Principal). “Grant for online summer course development.” Sponsored by University of Dayton, College of Arts and Sciences, $1,500. (January 4, 2010 - July 2010).

Other


Kebede, Messey, paper accepted for publication by Diginenes and titled “Return to the Source: Ases Yenewse and the West.”

Kebede, Messey, book accepted for publication by Lexington Books and titled “Ideology and Elite conflicts: Autopsy of the Ethiopian Revolution.”


Performances
Marvin, W. C. “Yellow Springs Blues Festival.” Usual Suspects, African American Cultural Works, Yellow Springs, OH. (September 2010).

Presentations
DesAutels, P. J. “Do the Poor Have a Right to Health Care?” Miami Valley Hospital/University of Dayton Health Care Symposium, Miami Valley Hospital and University of Dayton, Dayton, OH. (March 27, 2010).


Fischer, M. R. “Keywords: What’s an Advocate to do with the Words She is Given?” Society for the Advancement of American Philosophy, Society for the Advancement of American Philosophy, Charlotte, NC. (March 12, 2010).

Fischer, M. R. “Mozart’s Sym pathetic Orientation?” Mozart’s Worlds, National Endowment for the Humanities, Vienna, Austria. (June 30, 2010).


Fouke, D. C. “The True Costs of Energy.” Panelist in Energy Use Teach-In, Environmental Sustainability Week, University of Dayton, Dayton, OH. (October 10, 2010).


Gabbe, M. J. “Aristotle and the Functionalist Debate.” Phi Sigma Tau Induction Dinner, Phi Sigma Tau, University of Dayton, Dayton, OH. (April 23, 2010).


McLeod, A. A. “A Reconstruction of Wang Chong’s Argument Against Han Fei’s Legalism in His Essay Fei Han.” American Philosophical Association Pacific Meeting, American Philosophical Association, San Francisco, CA. (March 30, 2010).


Poe, D. M. “Erotic Peace: Threats and Opportunities for Peace within Eras.” EROS; Third International Interdisciplinary Conference, the Human Condition Series, Niippa, University Musko University Campus, Bracebridge, Ontario, Canada. (May 21, 2010).

Poe, D. M. “Hope: Imagining Possibilities for Clean Energy other than Nuclear Power.” The Obama Years: War, Peace, and Environmental Sustainability, Concerned Philosophers for Peace, McGill University, Montreal, Quebec, Canada. (October 30, 2010).


Physics
Abstracts


Grants
Smith, T. B. “Women in Physics and Engineering Dinner.” Sponsored by LEADER Consortium, $1,000. (December 1, 2009 - December 31, 2010).


Journal Articles


College of Arts & Sciences 2010 Scholarship

Other

Papers Published in Conference Proceedings


Presentations
Brecha, R. J. “Climate Change.” Dayton Regional STEM School, Beavercreek, OH. (April 10, 2010).

Brecha, R. J. “Interdisciplinary Team-Taught Courses for a new Minor in Sustainability, Energy and the Environment.” Association of Environmental Studies and Sciences Annual Conference, Association of Environmental Studies and Sciences, Portland, OR. (June 21, 2010).

Brecha, R. J., Eagleson, D. “Constructions of Place: Archaeology of a Neighborhood.” Association of Environmental Studies and Sciences Annual Meeting, Association of Environmental Studies and Sciences, Portland, OR. (June 21, 2010).


Powers, P. E. “Lasers and changing the color of light.” Spotlight on Advanced Research and Scholarship, University of Dayton, Dayton, OH. (November 19, 2010).


Schossau, T. M., Giegepcack, M., Zaidman, G., Kurup, S., Powers, P. E. “The MultiKeratome for cataract surgery—curved with multiple points—engineered to seal better and to minimize the induced astigmatism.” XXVIII Congress of the European Society for Cataract and Refractive Surgeons, European Society for Cataract and Refractive Surgeons, Paris, France. (September 4, 2010).


Sponsored Research
Ahoujja, M. (Principal). “Electrical and optical characterization studies of GeSn and SiGeSn for the Si-based optoelectronic devices.” Sponsored by Air Force Summer Faculty Fellowship Program (SFFP), $9,000. (July 19, 2010 - August 27, 2010).

Political Science
Contracts
Martrana, N. A. “Citizen Satisfaction Survey - Riverside Ohio.” (January 2010 - September 2010).

Grants


Journal Articles


Presentations

and Gender, Women's and Gender Studies Program, University of Dayton, Dayton, OH. (January 11, 2010).


Hudson, N. F. "Resolution 1325 and Women's Activism at the United Nations." Women's and Gender Studies Course on Feminist Activism, University of Dayton, Dayton, OH. (March 24, 2010).

Hudson, N. F. "Women, Gender and United Nations Peacebuilding." Political Science Course on International Peacebuilding, University of Dayton, Dayton, OH. (March 25, 2010).


Ingram, J. L. "Different Approaches in the States to Hudson v. Michigan: Whether to Apply the Exclusionary Rule." 52nd Annual Meeting of the American Society of Criminology, American Society of Criminology, San Francisco, CA. (November 20, 2010).

Ingram, J. L. "The Fourth Amendment Exclusionary Rule: A Failure to Enforce at the Margins." Academy of Criminal Justice Sciences Annual Meeting, Academy of Criminal Justice Sciences, San Diego, CA. (February 26, 2010).


Pierce, J. L. "Does the US Need a New Constitution?" Other Lifelong Learning Institute, Dayton, OH. (January 13, 2010).

Pierce, J. L. "First Lecture: My night with James Madison at the Homeless Shelter." New Student Orientation, University of Dayton, Dayton, OH. (August 23, 2010).

Pierce, J. L. "Is Austerity Possible under the U.S. Constitution?" Dayton Exchange Club, Dayton, OH. (November 11, 2010).

Pierce, J. L. "Results from the Campus Energy Forum." Faculty Exchange Series, University of Dayton, Dayton, OH. (January 21, 2010).


Talbott, A. "Remarks and Introduction." Becoming Aware and Affecting Change: The Nightmare of Human Trafficking in the Dayton Region, Stop Human Trafficking Dayton, Dayton, OH. (September 23, 2010).

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**Psychology**

**Contracts**


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**Grants**


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**Journal Articles**


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**Presentations**


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**Grants**


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**Presentations**


Bauer, J. J. "Knowing, meaning, and science." Joint Installation of Endowed Chairs, University of Dayton, Dayton, OH. (September 24, 2010).


College of Arts & Sciences 2010 Scholarship


Phelps, C. E. Roecker, Hentz, J., Roth, M., Geiger, E., Toth, D. “I was trying to be funny: Aggression or failed humor?” 2010 Annual Meeting, Midwestern Psychological Association, Chicago, IL. (May 1, 2010).


Sponsored Research
Montoya, R. M. “Physiological responses to targets of relative attractiveness.” Sponsored by University of Dayton Research Institute (UDRI), $5,700. (May 2010 - August 2010).

Technical Reports

Religious Studies
Books


Book Reviews


**College of Arts & Sciences 2010 Scholarship**

**Worship, Calvin College, Grand Rapids, MI. (July 1, 2010).**


**Kazaz J. F.,** “Novitate Classes on ‘Devotion to Blessed Chaminade.’” Marianist Novitiate, Marianist Province of the United States, Dayton, OH. (October 11, 2010).

**Levering, M. W.** “Augustine’s Theology of History.” Society of Biblical Literature, Theological Hermeneutics of Christian Scripture Group, Atlanta, GA. (November 20, 2010).

**Levering, M. W.** “Eternal Life, a Mentored Free Gift?” Nova et Vetero Conference, Augustine Institute, Denver, CO. (March 13, 2010).

**Levering, M. W.** “Exegesis and Exchatology,” Biblical Exegesis as Mystical Experience in Judaism and Christianity, Duquesne University, Pittsburgh, PA. (April 22, 2010).

**Levering, M. W.** “Inviting David Novak to Re-Appraise Natural Theology.” American Marian Association Annual Meeting, American Marian Association, Canton, OH. (October 15, 2010).


**Levering, M. W.** “The Restoration of Israel and the Intermediate State.” Aquinas Lecture, Aquinas Institute of Theology, St. Louis, MO. (January 31, 2010).


**McGrath, J. A.** “‘It All Depends Where You are Standing’: James McCourt’s ‘Prayers of the Faithful.’” American Catholic Studies Seminar, University of Dayton, Dayton, OH. (April 10, 2010).

**McGrath, J. A.** “The Future of the Marianist Educational Associates.” Video Meeting of the Association of Marianist Universities, Association of Marianist Universities, University of Dayton, Dayton, OH. (June 7, 2010).

**Miller, V. J.** “Commodification, Religion, and Marketing.” Marketing Lecture Series, Marketing Department, University of Notre Dame, Notre Dame, IN. (March 26, 2010).

**Miller, V. J.** “Media Constructions of Space, the Permutations of Secularity and the Changing Predicaments of Religious Traditions.” Faith, Secularity and Public Life Working Group, Center for Culture and Values, Catholic University of America, Washington, DC. (December 9, 2010).


**Miller, V. J.** “The Church and Culture: Theology’s Tasks and Temptations.” Inaugural Lecture Gustav Och in Catholic Theology and Culture, University of Dayton, Dayton, OH. (February 18, 2010).


**Miller, V. J.** “Where Are We Now? Responsibility, Spirituality, and Place in a Global Age.” Scarboro Missions Lecture, Scarboro Mission (Religious Order), Toronto & St. Jerome’s University Centre Lectures in Catholic Experience, St. Jerome’s University/University of Waterloo, Waterloo, Ontario, Canada. (March 5 & 6, 2010).

**Orji, C.** “God as Cosmo-Theandric in ATRs: A Postcolonial Critique.” College Theology Society, Portland, OR. (June 6, 2010).


**Portier, W. L.** “Musings of an Erasmian Christologist: A Response to Peter Casarella.” Annual Meeting, Catholic Theological Society of America, Cleveland, OH. (June 12, 2010).


**Portier, W. L.** “Till We Have Integration: Blessed John Henry Newman and the University,” Mount Saint Mary’s University, Emmitsburg, MD. (November 8, 2010).

**Portier, W. L.** “Twentieth-Century Catholic Theology and the Triumph of Maurice Blondel.” Center for Catholic and Evangelical Dialogue, University of Dayton, Dayton, OH. (October 13, 2010).

**Smith, A. B., Codegen, U., Ferraro, T. J., May, L., O’Brien, D. J.** American Catholic Studies Seminar, University Professor in Faith and Culture, University of Dayton, Dayton, OH. (September 25, 2010).


**Yocum, S.** “Putting Theology in Its Place.” Ninth Anniversary of the Doctorate in Theology, Religious Studies Department and College of Arts and Sciences, University of Dayton, OH. (April 23, 2010).

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**Sociology, Anthropology, and Social Work**

**Book Reviews**


**Grants**

**Becker, P. J. (Principal).** “A Sociology of Zoos.” Sponsored by Program for Christian Leadership, Faculty Fund for Vocational Exploration, $2,000. (May 1, 2009 - May 1, 2010).


**Davis-Berman, J. L. (Principal).** “Narrating the Lives of the Older Sheltered Homeless.” Sponsored by University of Dayton Program for Christian Leadership, $1,100. (February 2010 - December 31, 2010).


**Picca, L. H. (Principal).** “Exploring the Backstage for Students of Color.” Sponsored by University of Dayton...
Faculty Fund for Vocational Exploration, $3,000. (April 12, 2010 - May 15, 2011).

Journal Articles


Magazines/Trade Publications


Newsletters


Other Reviews


Presentations

Bely, M., Jipson, A. J., Becker, P. J., Bryan, B. “Defending Segregation: Musical Responses to the Civil Rights Movement.” Brown Bag, Center for Peace and Conflict Studies, Ball State University, Muncie, IN. (October 14, 2010).


Jipson, A. J. “Academia and Historical Racism.” Kirwan Institute for the Study of Race and Ethnicity, Kirwan Institute and Ohio State University, Columbus, OH. (March 12, 2010).


Jipson, A. J. “From Guerrilla to Joy: Research in the Sociology of Emotions.” Combined Annual Meetings of the North Central Sociological Association (NCSA) and Midwest Sociological Association (MSS), North Central Sociological Association (NCSA) and the MidWest Sociological Society (MSS), Chicago, IL. (March 31, 2010).


Jipson, A. J. “Social Media, Academia, and Beyond.” ThatCamp Columbus Annual Conference, ThatCamp, Ohio State University, Columbus State University, and WordPress.com, Columbus, OH. (January 16, 2010).

Jipson, A. J. “Studies in Social Psychology Session.” Combined Annual Meetings of the North Central Sociological Association (NCSA) and MidWest Sociological Society (MSS), North Central Sociological Association (NCSA) and MidWest Sociological Society (MSS), Chicago, IL. (April 1, 2010).


Leming, L. M. “US Catholic Women.” Byterband Symposium, University of Dayton, Miami University and Wright State University, University of Dayton, Dayton, OH. (October 27, 2010).


Majka, T. J. “Interpreting the Media.” Sisters of Notre Dame, St. Joseph’s Heights, KY. (July 29, 2010).


Majka, T. J., Majka, L. C. “Facilitating the Incorporation of Immigrants and Refugees into Our Communities.” Regional Neighborhood Network Conference, City of Dayton, Dayton, OH. (October 9, 2010).


Picca, L. H. “Balancing Work and Home Life: A Panel Discussion with Mothers Working at UD.” WGS 150
Introduction to Women’s and Gender Studies, University of Dayton, Dayton, OH. (March 23, 2010).


Picca, L. H., “Race Matters: Everyday Racial Relations at UD and Beyond.” Spotlight on Advanced Research and Scholarship, Office for Research, University of Dayton, Dayton, OH. (November 19, 2010).


college of arts & sciences 2010 Scholarship

Theatre

Dunlevy, L. “Goddlecks and the Three Bears.” University of Dayton Children’s Theatre, University of Dayton Theatre Program, Dayton, OH. (April 1, 2010 - May 19, 2010).


Visual Arts

Books


Book Chapters


Collections

Jones, J. C. “grid study in black, greengray, and blue. 2, 4, 5.” Loterie Strange, Brooklyn, NY. (July 31, 2010).

Jones, J. C. “grid study in black and greengray. 4.” Maria Lima, Chicago, IL. (June 28, 2010).

Jones, J. C. “grid study in black and greengray. 2, 9.” David Magrider, Oakland, CA. (May 19, 2010).


Jones, J. C. “grid study in black and greengray. 1.” Ian Williams, Ambler, PA. (January 26, 2010).


 Phelps, K. E. “Eric Dolphy.” Fred Pestello, President of Le Moyne College, Le Moyne College, Syracuse, NY. (April 6, 2010).

Curatorial Works

Huacuja, J. L. (Director). “Marking the Past/Shape the Present: The Art of Willis Bing Davis.” University of Dayton and The Dayton Art Institute, Dayton, OH. (August 2009 - January 2011).


Jones, J. C. “Flowers In The Dustbin: Timothy B. Buckwoller.” No Future Projects: a temporary and moveable project space, Dayton, OH. (February 9, 2010 - February 20, 2010).


Design Work/Projects

Clarke, J. V. “Exhibition Catalogue: Marking the Past / Shaping the Present: The Art of Willis ‘Bing’ Davis.” University of Dayton Department of Visual Arts, College of Arts and Sciences, Koech Library, ArtStreet, Ohio Humanities Council, Dayton Art Institute, Dayton, OH. (May 2010 - January 2011).

Clarke, J. V. “The Arts at the University of Dayton Spring 2011.” Arts Leadership Group, University of Dayton, Dayton, OH. (November 2010 - December 31, 2010).

Clarke, J. V. “The Arts at the University of Dayton Fall 2010.” Arts Leadership Group, University of Dayton, Dayton, OH. (July 2010 - August 2010).

Clarke, J. V. “Landscape of Need: Holly Branstmer.” College of Arts and Sciences, Dayton, OH. (February 2010 - May 2010).


Exhibitions


Gooch, P. G. (One-Person Show). “Project Ethiope - Small works on paper and panel.” ArtStreet Gallery, University of Dayton, Dayton, OH. (March 2010 - May 2010).


Presentations

Brittig, S. “Introducing Digital@UDayton.” Faculty Exchange Series, University of Dayton, Dayton, OH. (March 23, 2010).


Gooch, P. G. “Project Ethiope.” ArtStreet, University of Dayton, Dayton, OH. (September 30, 2010).


Huacuja, J. L. “Dialoguistas and Quantum Aesthetics.” Dialogue: A Colloquium on Discourse Through Art, Graul Chair of Arts and Languages, University of Dayton, Dayton, OH. (March 18, 2010).


Huacuja, J. L. “Diversity in Art Historical Research: The Art of Willis Bing Davis.” Spotlight on Advanced Research and Scholarship, University of Dayton Research Institute, Dayton, OH. (November 19, 2010).

Huacuja, J. L. “Latino Inter-Subjectivity: In Search of a New Place.” Latino Art Now! Conference, Inter-University Program for Latino Research at the University of Notre Dame, Los Angeles, CA. (November 12, 2010).

Parks, N. E. “Visual Culture and Video Games as a Platform for Examining Issues of Difference.” Building a Community of Researchers, School of Education and Allied Professions, University of Dayton, Dayton, OH. (October 22, 2010).

