



*Faculty Research  
Directory*

# Faculty Research Directory

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## Salah M. Blaih, Ph.D.

*Associate Professor, Biochemistry/Chemistry*

**Education:** Ph.D., Pharmaceutical Sciences, The Ohio State University

**Research Keywords:** Pharmaceutical Analysis; Chemistry Education; Pharmacogenomics

**Research Area:** Dr. Blaih's research focuses on areas of pharmaceutical and clinical interest, drug analysis, medication safety, and pharmacogenomics. He is also interested in implementing POGIL in the classroom and laboratory, a Process Oriented Guided Inquiry Learning pedagogy that seeks a student-centered strategy to ensure that all students are fully engaged in the learning process.

### Recent Presentations/Publications:

Blaih, Salah M. "Pharmacogenetics and Adverse Drug Events: A Personalized Healthcare Approach to Patient Safety." Cleveland Clinic Personalized Healthcare Summit. Cleveland, OH. 6 May 2013. Conference Presentation.

Blaih Salah. M. and Valerie Cubon-Bell. "An Active-Learning Separation and Analysis Module in Undergraduate Chemistry Laboratory," The 202nd 2YC3 College Chemistry Consortium of The American Chemical Society. University City, MI. 27 Sept. 2013. Invited Speaker.

Blaih, Salah M. "Medication Safety: Medication Errors involving Prescribing, Dispensing, and Administering of Look-Alike/Sound-Alike (LASA) Drugs." *Clinical Pharmacology in Drug Development*. 1.4 (2012): 223. 41st Annual Meeting of the American College of Clinical Pharmacology. San Diego, CA. 23 Sept. 2012. Conference Presentation.

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## Noelle Bowles, Ph.D.

*Associate Professor, English*

**Education:** Ph.D., English, University of Miami (FL)

**Research Keywords:** Victorian Literature; Anglican Faith; Gender and LGBTQ Studies; Fantasy and Science Fiction

**Research Area:** Dr. Bowles' research focuses on Nineteenth-Century British Literature and Culture, Women's Studies, Fantasy and Science Fiction Literature and Film

### Recent Publications:

"Crucifix, Communion, and Convent: The Real Presence of Anglican Ritualism in Bram Stoker's *Dracula*." *Christianity and Literature* 62:2 (Winter 2013): 243-258.

"Forty Acres." *Back to the Middle of Nowhere*. Eds. Jessy Marie Roberts and Jessica A. Weiss. Chadron, NE: Pill Hill Press, 2010. 189-196.

"Tennyson's *Idylls of the King* and Anglican Authority." *Christianity and Literature* 56:4 (2007): 573-594.

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## Phillip Buntin, M.F.A.

*Associate Professor, Art*

**Education:** BSc, Psychology, Kennesaw State University; BFA, Fine Art, Atlanta College of Art; M.F.A., Painting and Drawing, University of Connecticut

**Research Keywords:** Painting; Complexity; Mindfulness; Phenomenology; Hermeneutics

**Research Area:** Professor Buntin's area of interest centers around "our phenomenal and interpretive limitations when interacting with complexity."

### Recent Exhibitions:

Buntin has exhibited nationally and internationally and currently is represented by Robert Henry Contemporary and {Poem} 88 in New York and Atlanta.

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phillipbuntin.tumblr.com



## Gary Ciuba, Ph.D.

*Professor, English*

**Education:** Ph.D., English, Fordham University, Bronx, NY

**Research Keywords:** Literature of the U.S. South; Literature and Violence; Literature and Religion; Literature and Deafness

**Research Area:** Dr. Ciuba's research focuses on modern and contemporary literature of the U.S. South.

### Recent Publications:

"'Not His Son': Violent Kinship and the Spirit of Adoption in *The Violent Bear It Away*." *Dark Faith: New Essays on The Violent Bear It Away*. Ed. Susan Srigley. Notre Dame: University of Notre Dame Press, 2012. 57-86.

"'To the Hard of Hearing You Shout': Flannery O'Connor and the Imagination of Deafness." *Flannery O'Connor Review* 10 (2012): 1-18.

*Desire, Violence, and Divinity in Modern Southern Fiction: Katherine Anne Porter, Flannery O'Connor, Cormac McCarthy; Walker Percy*. Baton Rouge: Louisiana State University Press, 2007.

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## Valerie A. Cubon, Ph.D.

Assistant Professor, Biochemistry/Chemistry

**Education:** Ph.D., Chemistry and Neuroscience, Princeton University

**Research Keywords:** Sports-Related Concussion (SRC); Traumatic Brain Injury (TBI); functional Magnetic Resonance Imaging (fMRI); Diffusion Tensor Imaging (DTI); White Matter Fiber Tracts

**Research Area:** Dr. Cubon's research focuses on the effects of sports-related concussion and traumatic brain injury. She utilizes advanced neuroimaging techniques, such as functional Magnetic Resonance Imaging (fMRI) and Diffusion Tensor Imaging (DTI), to assess cognitive function and the integrity of white matter fiber tract structure in combination with neuropsychological testing. Her research examines the longitudinal effects of concussion by assessing the course of the impact of these mild injuries on the brain.

### Recent Publications:

Dettwiler, A.; Murugavel, M.; Putukian, M.; Cubon, V.; Furtado, J.; Osherson, D. (2014). Persistent differences in patterns of brain activation after sports-related concussion: a longitudinal functional magnetic resonance imaging study. *Journal of Neurotrauma*, 31(2), 180-8.

Cubon, V.A.; Putukian, M.; Boyer, C.; Dettwiler, A. (2011). A Diffusion Tensor Imaging Study on the White Matter Skeleton in Individuals with Sports-Related Concussion. *Journal of Neurotrauma*, 28(2), 189-201.

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## Hai Q. Dinh, Ph.D.

Associate Professor, Mathematics

**Education:** Ph.D., Mathematics, Ohio University

**Research Keywords:** Algebraic Coding Theory; Ring and Module Theory; Information Theory

**Research Area:** Dr. Dinh's research focuses on Algebraic Coding Theory, a major field in Information Theory that deals with detecting and correcting errors in data transmission. Current projects focus on establishing algebraic structures of the so-called constacyclic codes over finite fields or finite commutative chain rings in term of their generator polynomials.

### Recent Publications:

H.Q. Dinh, "Repeated-root constacyclic codes of length  $2ps$ ," *Finite Fields & Their Appl.* 18 (2012), 133-143.

H.Q. Dinh, C. Holston, and D.V. Huynh, "Quasi-projective modules over prime hereditary noetherian V-rings are projective or injective," *J. Algebra* 360 (2012), 87-91.

H.Q. Dinh, "Some aspects of Information Theory in Gambling and Economics," *Uncertainty Analysis in Econometrics with Applications, Advances in Intelligent Systems and Computing* 200 (2013), 61-77.

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## Min He, Ph.D.

*Professor, Mathematics*

**Education:** Ph.D., Mathematics, Southern Illinois University at Carbondale

**Research Keywords:** Ordinary, Partial, Functional Differential, and Integrodifferential Equations; Semigroup Theory; Dynamical Systems dependent on Parameters

**Research Area:** Dr. He's research interests are in ordinary, partial, and functional differential equations as well as integrodifferential equations, semigroup theory, and pedagogical research. Her recent research focuses on the effects of parameters for dynamic systems dependent on parameters and their applications.

### Recent Publications:

He, M., Smoothness Property on Parameters of Solutions of Cauchy Problems, *Journal of Dynamics of Continuous, Discrete and Impulsive Systems, Series A: Mathematical Analysis*, Volume 20, Number 1 (2013), 65-82.

He, M., Smoothness Property on Parameters of Periodic Systems, *Journal of Inequalities and Applications* (2011), 2011:106, 12 pp.

He, M., Periodic Systems Dependent on Parameters, *Journal of Inequalities and Applications* (2010) Art. ID 796165, 17 pp.

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## Pam Lieske, Ph.D.

*Professor, English*

**Education:** Ph.D., University of Massachusetts at Amherst

**Research Keywords:** Eighteenth-Century British Literature; History of Science and Medicine; Obstetrical History

**Research Area:** Dr. Lieske's research centers on Eighteenth-Century British literature and culture.

### Recent Publications:

"'Made in Imitation of Real Women and Children': Obstetrical Machines in Eighteenth-Century Britain." *The Female Body in Medicine and Literature*. Eds. Andrew Mangham and Greta Depledge. Liverpool University Press, 2010. 59-88.

Ed. *Eighteenth-Century British Midwifery* vols. 1-12 (London, Pickering and Chatto, 2007-9).

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## Eve McPherson, Ph.D.

*Assistant Professor, Music*

**Education:** M.A., Tufts University; Ph.D., Ethnomusicology, M.M. University of California, Santa Barbara

**Research Keywords:** Islamic Recitation; Turkish Art Music Practices; Timbre

**Research Area:** Dr. McPherson's research concerns vocal timbre in Islamic recitation and the ethnography of Turkish art song.

### Recent Publications/Presentations:

McPherson, Eve. (2013). "Unspoken, yet Heard: Navigating Outsider/Insider Voice Roles in the Study of Turkish Classical Genres." Presented at the Society for Ethnomusicology in Indianapolis, IN.

McPherson, Eve. (2012). "The Turkish Beautiful Voice: Acoustic Traits of Elite Muezzins in Istanbul, Turkey." Presented at the Niagara Society for Ethnomusicology in Toronto, Ontario, Canada.

McPherson, Eve. (2011). "Political History and Embodied Identity Discourse in the Turkish Call to Prayer." *Music and Politics* 5.1.

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## Daniel-Raymond Nadon, Ph.D.

*Associate Professor, Theatre*

**Education:** Ph.D., University of Colorado

**Research Keywords:** Theatre and Social Justice; Multicultural Theatre; LGBTQ Theatre

**Research Area:** Dr. Nadon's research surrounds the various topics in Theatre for Social Justice, including Multicultural Theatre, Deaf Theatre, LGBTQ Theatre, LGBT Studies, and Devising Theatre.

### Recent Publications:

Bowles, Norma and Daniel-Raymond Nadon, eds. *Staging Social Justice: Collaborating to Create Activist Theatre*, Carbondale, IL: Southern Illinois University Press, 2013.

"A Lesson in Merging Populations" *Teaching Drama in the Classroom: A Toolbox for Teachers*. Joanne Kilgour Dowdy and Sarah Kaplan, eds. Boston, MA: Sense Publishers, 2011. 139-143.

"Sympathy vs. Stigma: Writing the Victim" *Staging Social Justice: Collaborating to Create Activist Theatre*, Norma Bowles and Daniel-Raymond Nadon, eds. Carbondale, IL: Southern Illinois University Press, 2013.

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## Jeffrey Nelson, Ph.D.

*Associate Professor, Communication Studies*

**Education:** M.A., Miami (OH) University; Ph.D., Speech Communication, University of Michigan

**Research Keywords:** Politics, Religion, and Public Communication

**Research Area:** Dr. Nelson's research interests are religious and political public communication.

**Recent Publications:**

Nelson, J.A. (2011). Opening marriage to same-sex couples: The 2003 Massachusetts ruling. *Carolinas Communication Annual*, 27, 129-147.

Nelson, J.A. (2009). Romer v. Evans: A critical case for gay rights in American judicial rhetoric. In B. Drushel & K. German (Eds.), *Queer identities/political realities*. Newcastle Upon Tyne, United Kingdom: Cambridge Scholars Publishing, 11-28.

Nelson, J.A. (2009). The Republican rhetoric of identification with gay and lesbian voters in the 2000 presidential campaign. *Atlantic Journal of Communication*, 17, 53-71.

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## Daniel E. Palmer, Ph.D.

*Associate Professor, Philosophy*

*Assistant Dean, Kent State University at Trumbull*

**Education:** Ph.D., Philosophy, Purdue University

**Research Keywords:** Ethical Theory; Business and Professional Ethics; Health Care Ethics

**Research Area:** Dr. Palmer's research focuses primarily upon ethical theory and applied ethics, with an emphasis on business and health care ethics. He is also interested in ethical issues in information technology, including those pertaining to privacy and intellectual property. Current research projects deal with topics in virtue ethics, marketing ethics, and ethics in medical research.

**Recent Publications:**

Palmer, D. E., & Stoll, M. L. (2014). Ethical Issues in E-Business: Emerging Issues and Enduring Themes. In F. J. Martínez-López (Ed.), *Handbook of Strategic e-Business Management*. New York: Springer, 865-888.

Palmer, D. E., & Zakhem, A. (2012). *Managing for Ethical-Organizational Integrity: Principles and Processes for Promoting Good, Right, and Virtuous Conduct*. New York: Business Experts Press.

Palmer, D. E. (Ed.). (2010). *Ethical Issues in E-Business: Models and Framework*. Hershey, PA: IGI Global.

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## Vic Perera, Ph.D.

*Associate Professor, Mathematics*

**Education:** Ph.D., Mathematics, Purdue University ; MS, Mathematics, Purdue University; BS, Mathematics, University of Colombo, Sri Lanka

**Research Keywords:** Pure Mathematics; Operator Algebras; Functional Analysis; Math Education; Use of Technology to teach Mathematics

**Research Area:** In addition to pure mathematical research in the area of Operator Algebras, Index Theory, and Functional Analysis, Perera is also keenly interested in teaching mathematics using technology and mathematical pedagogical issues.

### Recent Publications:

Perera, V. S. (2003), Synthetic Division by Polynomials of Any Degree, *AURCO Mathematics Journal* (Vol. 02), 59-66.

Perera, V. S. (2000), Using DERIVE to Teach the Calculus Sequence, *AURCO Mathematics Journal* (Vol. 01), 109-118.

Kaminker, J. & Perera, V. S. (2000), Type II Spectral Flow and the Eta Invariant, *Canad. Math. Bull.* (Vol. 43), no.1, 69-73.

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## Carol L. Robinson, Ph.D.

*Associate Professor, English*

**Education:** Ph.D., English, University of Georgia

**Research Keywords:** Medieval Arthurian Literature; Film, Video Games; J. R. R. Tolkien; Medievalism; Deaf Culture; Willy Conley; Peter Cook

**Research Area:** Dr. Robinson's research focuses upon the relationships between the medieval and the contemporary, particularly in film and video games (medievalism). Her work also involves Deaf Culture studies, and centers around communication methods (voiced, written, signed), both diegetic and mimetic expressions, particularly in terms of humor, gesture, miscommunication, and misunderstanding.

### Recent Publications:

"REVIEW: Tanya Krzywinska, Esther MacCallum-Stewart, and Justin Parsler, eds: Ringbearers: The Lord of the Rings Online as Intertextual Narrative." *Medievally Speaking: Medievalism in Review*. Ed. Richard Utz. 14 Aug 2013. <<http://medievallyspeaking.blogspot.com/2013/08/krzywinska-maccallum-and-parsler-eds.html>>.

*Neomedievalism in the Media: Film, Television and Electronic Games*. Co-edited with Pamela Clements. Preface by Richard Utz. Epilogue by Terry Jones. Lewiston, NY: Edwin Mellen Press, May 2012. Chapter contributions: "Introduction" (1-13), "NeoTolkienism: Plays upon Playing with Tolkien's Playing with Language" (co-authored with Pamela Clements: 339-362), and "'I'm Not Dead, Yet!'—The Pythonesque in Neomedievalist Media" (363-387).

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## Mary Russell, Ph.D.

*Associate Professor, Biological Sciences*

**Education:** Ph.D., Microbiology, The Ohio State University

**Research Keywords:** Synemin; AKAP; PKA; Signal Transduction; Intermediate Filaments; Cytoskeleton

**Research Area:** Dr. Russell's research focuses on the role of synemin as an AKAP (A-kinase anchoring protein) in the PKA signaling pathway in cardiac myocytes. Towards this end her goal is to elucidate the specific function and location of the two large isoforms of synemin expressed in the heart (alpha and beta). Current projects are aimed at localizing alpha synemin to novel subcellular locations and at identifying substrates of alpha- and beta-synemin anchored PKA.

### Recent Publications:

M O'Donnell Shanks, LM Lund, S Manni, M Russell, J Mauban, M Bond. "Chromodomain Helicase Binding Protein 8 (Chd8) is a novel A-kinase anchoring protein expressed during rat cardiac development." *PLoS One*. 2012, 7(10), e46316.

LM Lund, JP Kerr, J Lupinetti, Y Zhang, MA Russell, RJ Bloch, M Bond. Synemin isoforms differentially organize cell junctions and desmin filaments in neonatal cardiomyocytes. *FASEB J*. 2012. 26(12), 137-148.

PJ Wickley, R Yuge, MA Russell, H Zhang, MA Sulak, D Damron. Propofol modulates agonist-induced transient receptor potential vanilloid subtype-1 receptor desensitization via a Protein Kinase C $\epsilon$ -dependent pathway in mouse dorsal root ganglion sensory neurons. *Anesthesiology*. 2010.133, 833-844.

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## Patricia L. Tomich, Ph.D.

*Associate Professor, Psychology*

**Education:** Ph.D., Psychology, Kent State University; Postdoc, Carnegie Mellon University

**Research Keywords:** Trauma; Benefit-finding; Posttraumatic Growth; Quality of Life

**Research Area:** Dr. Tomich's research interests focus on Health Psychology, with an emphasis on how individuals adjust to traumatic life experiences, such as unfavorable medical diagnoses. She is most interested in examining actual and perceived positive life changes following trauma (e.g., benefit-finding, posttraumatic growth), and whether these changes are linked to physical and/or mental health outcomes.

### Recent Publications:

Tomich, P. & Helgeson, V. (2012). Posttraumatic growth following cancer: Links to quality of life. *Journal of Traumatic Stress*, 25, 567-573.

Frazier, P., Greer, C., Gabrielsen, S., Tennen, H., Park, C., & Tomich, P. (2012). The relation between trauma exposure and prosocial behavior. *Psychological Trauma: Theory, Research, Practice, and Policy*. Advance online publication. doi: 10.1037/a0027255.

Park, C., Frazier, P., Tennen, H., Mills, M. A., & Tomich, P. (2012). Prospective risk factors for subsequent exposure to potentially traumatic events. *Anxiety, Stress, & Coping, An International Journal*, iFirst article, 1-12.

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## Ana Marie Wetzel, Ph.D.

*Assistant Professor, English*

**Education:** Ph.D., English, Indiana University of Pennsylvania

**Research Keywords:** World Englishes; Literacy: Basic Writing

**Research Area:** Dr. Wetzel's research focuses on the intersection between L1 and L2 writing, language attitudes, and issues of access.

### Recent Publications:

Wetzel, A. (2013). World Englishes in the mainstream composition course: Undergraduate students respond to WE writing". *Research in the Teaching of English* 48(2), 204-227.

Wetzel, A. (2010) Digital education in Eastern Europe: Romania's affair with technology. *Computers & Composition* 27, 112-123.

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