

Faculty Publications in 2012

College of Arts & Sciences

Books

Bishop, Suzette. *Horse-Minded* [book of original poems]. Cincinnati: CW Books, 2012.

Cardona-López, José. *Al otro lado del acaso* [book of original short stories]. São Paulo, Brazil: Lumme Editor, 2012.

Harper, Dee Wood and **Kelly Frailing**, eds. *Crime and Criminal Justice in Disaster*. 2nd ed. Durham, NC: Carolina Academic Press.

Soto, Gilberto (commissioned co-author). *Wonders/Maravillas*. A Bi-Lingual Reading Series. Editions for Pre-K – 5th Grade. New York, NY: Macmillan School Education Group, 2012.

Warner, J.A. *Women in the Criminal Justice System: A Reference Handbook*. Santa Barbara CA: ABC-CLIO.

Chapters/Essays in Books

Broncano, Manuel. "The Day When the Swamp Elves Ran Out of the Canebrake: A Conversation with Lewis Nordan." In Barbara Baker (Ed.), *Lewis Nordan and the Heartbreaking Laughter of Transcendence and Hope*. Pebble Hill Books by the Univ. of Alabama Press. 156-178.

---. "Lewis Nordan's Southern Magic". In *Lewis Nordan and the Heartbreaking Laughter of Transcendence and Hope*. 104-116.

Cardona-López, José. "La Elusiva 'Novela Corta' o la *Nouvelle* Moderna." In *Una selva tan infinita. La novela corta en México: 1872-2011*. V. I. Coord. Gustavo Jiménez Aguirre. México D.F. : Universidad Nacional Autónoma de México, 2011. 87-107. [released in 2012].

---. "De *La Señora de la fuente* de Luis Arturo Ramos a la Llorona de la fuente." Introduction to the digital edition of *La Señora de la fuente* (1996) by Luis Arturo Ramos in *La novela corta. Una biblioteca virtual*, Universidad Nacional Autónoma de México. México D.F. 2012.
http://www.lanovelacorta.com/index.php?option=com_content&view=article&id=183&Itemid=172

Cohen, J. I., and J. Miller. "Lithospermum." In G. Davidse, M. Sousa M., S. Knapp, and F. Chiang [eds.]. *Flora Mesoamericana, Vol. 4, Part 2*. St. Louis: Missouri Botanical Garden Press.

Costanza, S.E., R. Helms, **J.C. Kilburn Jr.**, and S. Vendetti Koski. "The Weed and Seed Initiative and Police Activity Within Communities." In A. Verma, D. Das, and M. Abraham (eds). *Global Community Policing: Problems and Challenges*. London: Taylor and Francis.

Dean, John Emory. "The Collision of Cultural Memories on the Texas-Mexico Border." In *Crafting Identities, Remapping Nationalities: The English-speaking World in the Age of Globalization*. Ed. Cécile Coquet- Mokoko and Trevor Harris. Newcastle upon Tyne, U.K.: Cambridge Scholars. 19-40.

Dee Wood Harper and **Kelly Frailing.** "The Heavy Lifting." In D. W. Harper and K. Frailing (Ed.), *Crime and Criminal Justice in Disaster, 2nd Edition*. Durham, NC: Carolina Academic Press, 313-38.

Frailing, Kelly and Dee Wood Harper. "Disaster Phases, Structural Vulnerability and Crime." In L. Eargle and A. Esmail (eds.). *Black Beaches and Bayous: The BP Deepwater Horizon Oil Spill Disaster*. Lanham, MD: University Press of America: 231-247.

---. "Fear, Prosocial Behavior and Looting." In *Crime and Criminal Justice in Disaster, 2nd Edition*. 101-22.

---. "Looking Back to Go Forward." In *Crime and Criminal Justice in Disaster, 2nd Edition*. 7-36.

---. "Policy and Theoretical Implications of Crime in Disaster." In *Crime and Criminal Justice in Disaster, 2nd Edition*. 389-400

Frailing, Kelly. "Disasters, the Emergence of Corrosive Communities and Violence." In D. W. Harper, L. Voigt and W. E. Thornton (eds.). *Violence: Do We Know It When We See It? A Reader*. Durham, NC: Carolina Academic Press, 98-113.

---. "Fraud in the Wake of Disasters." In *Crime and Criminal Justice in Disaster, 2nd Edition*. 157-176.

---. "Mental Health Courts." In A. M. Columbus (Ed.), *Advances in Psychology Research Vol. 95*. Hauppauge, NY: Nova Publishers: 1-26.

Harper, Dee Wood and **Kelly Frailing.** "Robbery." In A. Thio, T. C. Calhoun and A. Conyers (eds.). *Deviance Today*. New York: Pearson: 49-62.

Lozano, J. "La socialización política desde el infoentretenimiento televisivo: el caso de México." In Carmen Ferre Pavia (Ed.), *Infoentretenimiento. El formato imparable de la era del espectáculo*. Barcelona: Universita Oberta de Catalunya.

---. "Latin America: Media Conglomerates." In Artz, L. and Kamalipour, Y. (Eds.), *The Media Globe: Trends in International Mass Media*. Rowman & Littlefield Publishers.

- Madlock, P. E.** “Managing Workplace Talent through Mentoring and Coaching: Getting beyond Buzzwords to Practices That Work. In J. S. Wrench (Ed.), *Workplace Communication for the 21st Century: Tools and Strategies that Impact the Bottom Line*. New York: Praeger. 225-41.
- Nalla, Mahesh K. and **Manish Madan**. “Citizen Perceptions of Police Integrity in India: An Empirical Exploration.” In P. Unnithan (Ed.), *Crime and Justice in India*. New Delhi: SAGE Publications. 476.
- Samos-Martínez, Agustín**. “De la Naturaleza y del Hombre: Hacia una Aproximación Ecocrítica de *La Barraca* (1998).” In Efraín Garza (Ed.) *El Naturalismo en España: Aproximaciones desde una Perspectiva Actual*.
- Torres, A., **K.J. Tobin**, and B. Wilson. “Bacterial Loading During Flooding: A Case Study from July 2010 on the Bi-National Rio Grande River (Texas/Mexico).” *Water Pollution: 11th International Conference on Modeling, Monitoring and Management of Water Pollution*. Ed. Brebbia, C.A., WIT Press, Southampton, UK., 12 pg.

Journal Articles

- Bernat, F.P.** “A School-Based Community of Hope, Not At-Risk: Evaluation of a District-wide Resiliency Program.” *Delta Journal of Education* (2): 31-43.
- Bernat, F.P.** and N. Godlove. “Understanding 21st Century Cybercrime for the ‘Common’ Victim. *Criminal Justice Matters* (September 2012): 4-5.
- Cardona-López, José**. “Versos para un ser ideal: ‘muger fermosa’ de Juan Ruiz y ‘Receita de mulher’ de Vinicius de Moraes.” *Hispanic Poetry Review* (10.1, 2011): 29-36. [released in 2012]
- Cieslicka, A.** “Do Non-native Language Speakers Chew the Fat and Spill the Beans with Different Brain Hemispheres?: Investigating Idiom Decomposability with the Divided Visual Field Paradigm.” *Journal of Psycholinguistic Research*. DOI 10.1007/s10936-012-9232-4 Published online: 16 November 2012. Springer.
- Cohen, J. I.**, and J. I. Davis. “Molecular Phylogenetics, Molecular Evolution, and Patterns of Clade Support in Lithospermum (Boraginaceae) and Related Taxa.” *Systematic Botany* (37): 490-506.
- Cohen, J. I.**, A. Litt, and J. I. Davis. “Comparative Floral Development in Lithospermum L.” *American Journal of Botany* (99): 797-805.
- Cohen, J. I.** “Continuous Characters in Phylogenetic Analyses: Patterns of Corolla Tube Evolution in Lithospermum L. (Boraginaceae).” *Biological Journal of the Linnean Society* (107): 442-457.
- Frailing, Kelly**. “Mental Health Court Processes.” *Durham Law Review* (2): 111-122.

Ferguson, C., San Miguel, C., Garza, A.* , & Jerabeck, J.* “A Longitudinal Test of Video Game Violence on Dating and aggression: A Three Year Longitudinal Study of Adolescents.” *Journal of Psychiatric Research* (46): 141-146.

Goonatilake, Rohitha and Rafic A. Bachnak. “Modeling Latency in a Network Distribution.” *Journal of Network and Communication Technologies* (1.2).

---. “Promoting Engineering Education Among High School and Middle School Students.” *Journal of STEM Education: Innovations and Research* (13.1): 15-21.

Goonatilake, Rohitha, Rafic A. Bachnak, Firooz Khosraviyani, and Qingquan Wu. “Promoting STEM Education through Mathematics Weekend Retreats.” *Mathematics Teaching Research Journal Online* (May 2012, 5.2).

Jorgensen, K., and A.K. Wilson, “Enthalpies of Formation for Organosulfur Compounds: Atomization Energy and Hypohomodesmotic Reaction Schemes via ab Initio Composite Methods.” *Computational and Theoretical Chemistry* (991): 1-12.

Jorgensen, K., T.R. Cundari, and A.K. Wilson, "Interaction Energies of CO₂•Amine Complexes: Effects of Amine Substituents." *The Journal of Physical Chemistry A* 116(42): 10403-10411.

Kidd, M. R., L. A. O’Connell, C. E. Kidd, C. W. Chen, M. R. Fontenot, S. J. Williams and H. A. Hofman. “Female Preferences for Males Depends on Reproductive Physiology in the African Cichlid Fish *Astatotilapia burtoni*.” *General & Comparative Endocrinology* (180): 56-63.

Kidd, M. R., N. Duftner, S. Koblmüller, C. Sturmbauer and H. A. Hofmann. “Repeated Parallel Evolution of Parental Care Strategies within *Xenotilapia*, a Genus of Cichlid Fishes from Lake Tanganyika.” *PLoS ONE*, 7(2): e31236. doi:10.1371/journal.pone.0031236.

Kim, Namwon, Z. Li, C. Hurth, F. Zenhausern, S. –F. Chang, and D. Attinger, “Identification of Fluid and Substrate Chemistry Based on Automatic Pattern Recognition of Stains.” *Analytical Methods* (4.1): 50-57.

Kwak, D., **San Miguel, C., & Carreon, D.*** “Public Confidence in the Police: An Analysis of Attitudes toward Law Enforcement in Mexico.” *Policing: An International Journal of Police Strategies and Management* (35.1): 124-146.

Lin, R. and M. Stynes. “A New Mixed Finite Element Method for Singularly Perturbed Reaction-diffusion Problems.” *SIAM Journal on Numerical Analysis* (50): 2729-43.

Lin, R. and Z. Zhang. “Convergence Analysis for Least-Squares Approximations to Solutions of Second-order two-point Boundary Value Problems.” *Journal of Computational and Applied Mathematics* (236): 4436-47.

- Longoria, Thomas, Jr. and **Lynne L. Manganaro**. "Citizen Approval of CAOs in Texas Cities: An Exploratory Analysis of Anglo and Latino Attitudes." *Journal of Public Management & Social Policy* (18.2): 49-63.
- Lozano, J.** "Consumption of U.S. television and films in Northeastern Mexico." *International Communication Gazette* (73.8): 685-705.
- Lozano, J.,** Frankenberg, L. "Lecturas Críticas y Oposicionales de Películas de Hollywood por Jóvenes Mexicanos: El Caso de Ángeles y Demonios." *Anagramas, Rumbos y Sentidos de la Comunicación* (9.18): 165-184.
- Lozano, J.** "Public Policies and Research on Cultural Diversity and TV in Mexico." *Journal of Broadcasting & Electronic Media* (50.3): 467-481.
- Lozano, J.,** Frankenberg, L. "Theoretical Approaches and Methodological Strategies in Latin American Empirical Research on TV Audiences: 1992-2007." *Global Media and Communication* (5.2): 149-176.
- McReynolds, C. N.** "Ontogenetic Shifts in Microhabitat Use, Foraging and Temporal Activity for the Striped Bark Scorpion *Centruroides vittatus* (Scorpiones, Buthidae)." *Euscorpius* (144): 1-19.
- Madlock, P. E.** "The Influence of Conflict Management, Leadership, and Communication on Employee Job Satisfaction. *Human Communication* (15) : 121-138.
- . "The Influence of Power Distance and Communication on Mexican Workers." *Journal of Business Communication* (49): 169-184.
- . "The Influence of Relational Maintenance Strategies among Mexican Coworkers." *Journal of Latin American Communication Research* (2): 35-60.
- . "The Influence of Supervisors' Leadership Style on Telecommuters." *Journal of Business Strategies* (29): 1-24.
- Madlock, P. E.,** & Booth-Butterfield, M. "The Influence of Relational Maintenance Strategies among Coworkers." *Journal of Business Communication* (49): 21-47.
- Madlock, P. E.,** & Dillow, M. R. "The Consequences of Verbal Aggression in the Workplace: An Application of the Investment Model." *Communication Studies* (63): 593-607.
- Manganaro, Lynne L.** and Amy L. Poland. "For Better or Worse? Gender and Perceptions of Formal and Informal Justice Systems in Afghanistan." *Women & Criminal Justice* (22.1): 1-27.
- Menaldo, Mark.** "Transformative Ambition in Peace and War: The Case of Pericles of Athens." *Journal of Leadership, Accountability and Ethics* (94.4).
- Medini, Andrea and **David Milovich.** "The Topology of Ultrafilters as Subspaces of 2^ω ." *Topology and its Applications* (159): 1318-33.

Milovich, David. "Forbidden Rectangles in Compacta." *Topology and its Applications* (159): 3180--3189.

---. "The (λ , κ)-Freese-Nation property for Boolean Algebras and Compacta." *Order* (29): 361--79.

Moyer, James. "The Rosewood Forest: Chasing an Answer." *School Band & Orchestra* (January 2013). 36-37.

---. "Sticks, Tips and Tricks for the Developing Timpanist." *Percussive Notes* (March 2013). 34-35.

Murphy, Jonathan. "The American Dream Elucidated by Edgar Allan Poe." *The Edgar Allan Poe Review* 13.2 (Fall 2012): 6-28.

---. "The Other Heading: Derrida and Emerson on the Future of an Illusion." *The Comparatist* 36 (May 2012): 43-66.

Nalla, Mahesh K. and **Manish Madan.** "Determinants of Citizens' Perceptions of Police-Community Cooperation in India: Implications for Community Policing." *Asian Journal of Criminology* (7.4): 277-94.

Niemeyer, Paul J. "Somerset Maugham and the Profitable Re-Writing of Hardy's Fiction: Cakes and Ale and Embedded Hardyan Intertexts." *The Hardy Review* (12.1): 59-69.

Norman, K.N., Strockbine, N.A., Bono, J.L. "Nucleotide Polymorphisms within the O-Antigen Operon of *Escherichia coli* O26, O45, O103, O111, O121, and O145 Associated with Serotypes and Genetic Subtypes." *Applied and Environmental Microbiology* (78.18): 6689-6703. doi:10.1128/AEM.01259-12.

Racelis, A.E., A. Rubio, A., **T. Vaughan,** J. Goolsby. "Passive Restoration Potential of Riparian Areas Invaded by Giant Reed (*Arundo donax*) in Texas." *Ecological Restoration* (30.2): 103-105.

Ruiz, Jessica L., Jianhong Ren, **Thomas C. Vaughan,** G. Christopher Shank, and **Alfred Addo-Mensah.** "Bridging Antimony Knowledge Gaps by Assessing Its Behavior in a Semi Arid Creek-. Antimony: Characteristics, Compounds and Applications." *Materials Science and Technologies* (July 2012).

Sarker, B. R., Baylot E. A., Green J. G. and **Biswas, P.** "Vehicle Convoy Movement: Consideration of Turning Geometrics of Selected Object Shapes." *ASCE-Journal of Transportation Engineering* (138.5): 502-511.

Su, Z., M. Zhang, and **J. I. Cohen.** "Phylogeographic and Demographic Effects of Quaternary Climate Oscillations in *Hexinia Polydichotoma* (Compositae) in Tarim Basin and Adjacent Areas." *Plant Systematics and Evolution* (298): 1767-76.

Tobin, K.J. and **Bennett, M.E.** “Validation of Satellite Precipitation Adjustment Methodology From Six Basins in CONUS.” *Journal of the American Water Resources Association* (48): 221-34.

Ynalvez, R.A. , C. Cardenas, J. K. Addo, G. E. Adukpo, B.A. Dadson, and **A. Addo-Mensah, A.** “Evaluation of the Antimicrobial Activity of *Zanthoxylum zanthoxyloides* Root Bark Extracts.” *Research Journal of Medicinal Plant* (6): 149-59.

Ynalvez, M.A., R.A. Ynalvez, M. Torregosa, H. Palacios, and **J. Kilburn.** “Do Cell Phones, iPods/MP3 Players, Siblings and Friends Matter? Predictors of Child Body Mass in a U.S. Southern Border City Middle School.” *Obesity Research & Clinical Practice* (6): 39-53.

Conference Proceedings

Bachnak, R. and R. Goonatilake. “Summer Enrichment Workshops for Promoting Engineering Education.” *Proceedings of the 2012 Annual Conference of the American Society for Engineering Education*, CD-ROM, 7 pages, San Antonio, TX, June 10-13, 2012

Biswas, P., R. Lin, R. Hanumanthgari, and S.B. Vojjala, “Development of a Virtual Teaching Assistant System applying Agile methodology,” Track W465-Systems Engineering Education and K-12, *The Proceedings of 119th ASEE Annual Conference & Exposition*, Paper # 3945, June 10—13, 2012, San Antonio, Texas.

Gonzalez, F. G. “Systems Engineering Education through Participation in Engineering Competitions,” *Proceedings of the 2012 American Society of Engineering Education*, San Antonio, Texas, June 10-13, 2012.

Jaradat, R., **M. Khasawneh,** and N. Shearer. “Illegal Immigration on the Southern Border: A System of Systems Problem.” *Proceedings of the 33rd International Annual Conference of the American Society of Engineering Management*, Virginia Beach, Virginia, Oct 17-20, 2012.

Ni, Q.W. and S. Chen. “Assessment of Human Cortical Bone and Tooth by Low-Field Nuclear Magnetic Resonance (NMR)”. *Proceedings of the 6th International Conference on Bioinformatics and Biomedical Engineering (iCBBE2012)*, May 17-20, 2012. Shanghai China, Copyright by IEEE, ISBN 978-1-61284-101-4.

Ni, Q. W. and T. Bredbenne. “Characterization of Human Cortical and Trabecular Bone Structural Change by NMR and Micro-CT”. *Proceeding of the American Society of Mechanical Engineers (ASME) Summer Bioengineering Conference (SBC 2012)*, Fajardo, Puerto Rico, USA. June 20-23, 2012. Copyright 2012 by ASME.

Encyclopedia/Reference Articles

Lozano, J. "NAFTA and International Communication." In Wolfgang Donsbach (Ed.), *The International Encyclopedia of Communication*. Blackwell Publishing Ltd.

Creative

Bishop, Suzette. "Least Terns." *Singing Bones: A performance of live dance and music*. Choreographer Andrea Vazquez, Performer Marissa Lopez. Black Box Theater, Fine and Performing Arts Center, Texas A&M International University. 28,29 April 2012. Modern Dance Performance.

Bishop, Suzette, and Alma Haertlein. *Workers MIA on IMD*. Poetry Broadside. Ithaca: Stockport Flats Press.

Bishop, Suzette. "You Rush Past My Windshield One Night, and I Say a Prayer for You." *New Texas: A Journal of Literature and Culture* [referred journal], 2012.

Cardona-López, José. "Globo, silencio, domingo y ellos" [short story]. *Aurora Boreal* (electronic magazine), Copenhagen (Denmark), December 25, 2012. <http://auroraboreal.net/literatura/puro-cuento/1360-globo-domingo-silencio-y-ellos>

---. "Conejo y mago," "Hormigas en Udaipur," "Estrella con beso," "Viuda que va a comprar un hombre" [short stories]. *Ómnibus* 40-41. Madrid (Spain). July – September, 2012. Special issue dedicated to Colombian culture and literature. Eds. Consuelo Triviño Anzola and María Ángeles Vásquez. <http://www.omnibus.com/n40/index.html>

---. "El viaje" [short story]. *Puro cuento*, printed magazine of *Aurora Boreal*, and *Aurora Boreal* (electronic magazine), Copenhagen (Denmark), September 12, 2012. <http://auroraboreal.net/literatura/puro-cuento/1359-el-viaje>

---. "Labor cumplida." *Minificciones de "El cuento, revista de imaginación."* México D.F. April, 2012. <http://minisdelcuento.wordpress.com/category/jose-cardona-lopez/>

---. "Mujer, pañoleta y ventanilla siete" [short story]. In *Raíces Latinas, narradores y poetas insulares*. Hemil García Linares, ed. Lima, Perú: Vagón Azul Editores, 2012.

---. "Conejo y mago" [short story]. In *Lectura de textos: análisis e interpretación- Narrativa, poesía, drama y ensayo-Siglo XX*. Eugenia Muñoz, ed. Boston: Pearson, 2012, 57-66.

Haynes, Robert. "To Cassandra" and "East of El Paso," *Kudzu Review* 1.2 (Summer Solstice 2012). Poems.

- . "Dallas: The Parthenon Frieze," "A Less-Distinguished Contingent of the Damned," "Don't Diss the Sign Post," "Ad Fontes Again," and "A Gift for Mrs. Ibsen." Poems. *Anastomoo* (Australia), 26 May 2012.
- . "To the Daughter of Light," *The Resurrectionist*, vol. 1 (Wales), June 14, 2012. Poem.
- . "Editor Snores through Everything" and "The Monster." Poems. *The Rusty Nail* 1 (March 2012): 10.
- . "The Hard Look of Words," *Blast Furnace* 2.1 (Spring 2012). Poem.
- . "Rin Tin Tin Saves Nominalism," *Taj Mahal Review* 11.1 (India), June 2012. Poem.
- . "Socrates at the Stoplight," *Third Wednesday*, Fall 2012, 88. Poem.
- . "The Twenty First Century Wolf," *Behind Closed Doors*, December 15, 2012. Poem.