

## **College of Arts & Sciences**

### ***Faculty Publications in 2009***

#### **Books**

**Cardona-Lopez, José.** *Todo es adrede* [short stories]. Revised ed. Cali, Colombia: Programa Editorial Universidad del Valle, 2009.

**Dean, John.** *Travel Narratives from New Mexico: Reconstructing Identity and Truth.* Amherst, NY: Cambria Press, 2009.

**Duffy, Stephen M.** *The Integrity of Ireland: Home Rule, Nationalism, and Partition, 1912-1922.* Fairleigh Dickinson UP, 2009.

**Ferguson, C. J., ed.** *Violent Crime: Clinical and Social Implications.* Thousand Oaks, CA: Sage, 2009.

**Soto, Gilberto** (co-author). *Tesoros de Lectura.* Reading Book Series. Pre-Kinder – Sixth Grade editions. New York: Macmillan/McGraw-Hill, 2009.

**Thompson, Jerry D.** *New Mexico during the Civil War: Wallen and Evans Inspection Reports, 1862-1863.* University of New Mexico Press, 2009.

**Warner, Judith Ann, ed.** *Battleground Immigration: Flashpoint Debates. Volumes 1 and 2.* Westport, CT: Greenwood Publishing, 2009. Warner also wrote or co-wrote 49 of the 101 inter-disciplinary essay entries in the two volumes of this reference book.

#### **Articles**

Abe, Terutake and **Firooz Khosraviyani.** "Problems with Rational Exponents in Elementary Mathematics." *Texas College Mathematics Journal* 6.1 (2009): 1-17.

Beaver, K. M., M. Ratchford, and **C. J. Ferguson.** "Evidence of Genetic and Environmental Effects on the Development of Low Self-Control." *Criminal Justice and Behavior* 36.11 (2009): 1158-72.

**R. Bachnak, E. Chappa,** and K. De La Rosa, "Exposing K-12 Students to Science and Engineering," *Proceedings of the 39<sup>th</sup> ASEE/IEEE Frontiers in Education Conference.* San Antonio, TX, October 18-21, 2009. Pages M2H1-M2H4.

- R. Bachnak, R. Goonatilake, J. Lira, and C. Hickey.** "STEM Recruitment, Retention, and Graduation: Progress to Date," *Proceedings of the 2009 Annual Conference of the American Society for Engineering Education*. Austin, TX, June 2009. CD-ROM, 11 pages.
- R. Bachnak,** A. Rubio, J. Garcia, S. Maldonado, A. Medellin. "Examining Gyroscopes for 3-D Position Tracking in a Non-Destructive Evaluation System," *Proceedings of the 2009 IEEE International Conference on Systems, Man, and Cybernetics*. San Antonio, TX, October 11-14, 2009. ISBN: 978-1-4244-2793-2. 3757-62.
- Baeza, Maria, Jianhong Ren, Sushma Krishnamurphy, and **Tom Vaughan**. "Spatial Distribution of Antimony and Arsenic Levels in Manadas Creek, An Urban Tributary of the Rio Grande in Laredo, Texas." *Arch Environ Contam Toxicol* (23 July 2009).
- Bhowmik, P. K., H. Han, A.K. Nedeltchev, **H.D. Mandal**, J. A. Jimenez-Hernandez, and P. M. McGannon. "Poly(Pyridinium Salt)s with Organic Counterions Derived from an Aromatic Diamine Containing Oxyethylene Unit Exhibiting Amphotropic Liquid-Crystalline and Photoluminescence Properties." *Polymer* 50 (2009): 3128-35.
- Bhowmik, P. K., H. Han, H., A. K. Nedeltchev, **H. D. Mandal**, J. A. Jimenez-Hernandez, P. M. McGannon, L. Lopez, S.W. Kang, S. Kumar. "Synthesis and Characterization of Thermotropic Liquid-Crystalline Properties of Azomethine Dimers." *Liquid Crystals* 36 (2009): 1389-99.
- Bhowmik, P. K., H. Han, H., A. K. Nedeltchev, A. K., **H. D. Mandal**, J. A. Jimenez-Hernandez, and P.M. McGannon. "Poly(pyridinium salt)s with Organic Counterions Derived from an Aromatic Diamine Containing Tetraoxyethylene Unit Exhibiting Amphotropic Liquid-Crystalline and Photoluminescence Properties." *Journal of Applied Polymer Science* 116 (2010): 1197-1206. Published online 17 December 2009 in *Wiley InterScience* ([www.interscience.wiley.com](http://www.interscience.wiley.com)).
- Bishop, Suzette Marie.** "Across," "Arsenic Iced Tea," "Enough Heat," "New Horizons," "Paper Dress," "Piñata Princess in Training," and "So I Rode There." Poems in *Journal of Texas Women Writers, 2009*. On-line Journal (<http://journals.tdl.org/JTexwomenwrit>).
- . "Desert Shapeshifting [Poem]". In *Imagination & Place: An Anthology*, 2009. Lawrence Kansas: Imagination & Place Press, 2009.
- Broncano, Manuel.** "Cormac McCarthy's Grotesque Allegory in *Blood Meridian*." *Journal of English Studies*, 5-6, (2005-2008): 31-46. (Published in 2009)
- . "Melville's Strategies of Textual Subversion in Israel Potter." *Amerikastudien/ American Studies*, 53.4 (2008): 491-505. (Published 2009).
- . "Reading Faulkner in Spain, Reading Spain in Faulkner". In *Global Faulkner*. Eds. Annette Trefzter and Anne Abadie. Jackson: University Press of Mississippi, 2009.

- . "Writing the Caribbean with a Mississippian Accent: Lewis Nordan and the Magical Grotesque". *Mississippi Quarterly* 60.4, (2007): 661-676. (Published 2009)
- Brown, Lynda S.** "Ethical Considerations of Lifelong Learning: An Invitation to the Dance." *Journal of Widening Participation and Lifelong Learning* (U.K.) 11.2 (August 2009): 21-31.
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- Cardona-Lopez, José.** "Presencia de la Historia y Fragmentación Narrativa en *El amor y la muerte* de Marco Tulio Aguilera Garramuño." *INTI* 65-66 (2007, published in 2009). 63-72.
- Chappa, Eduardo,** T. Abe, F. Belkhouche, **R. Goonatilake, Q. Ni,** and **R. Bachnak.** "Integration of Assessment and Curriculum in Engineering, Mathematics and Physical Science Programs." *Proceedings of the 2009 Annual Conference of the American Society for Engineering Education.* Austin, TX, June 2009. CD-ROM. 7 pages.
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- Creaser, Wanda.** "Teaching Satire on the Border: It's a Long Way Back to the Eighteenth Century." In *Teaching the Eighteenth Century.* Ed. Mary Rooks. Cambridge Scholar's Publishing, 2009. 49-64.
- Duffy, Stephen M.** "An Unrecognizable State of War: Confronting the Irish Insurgency, 1918-1921." *Journal for the Liberal Arts and Sciences* 14.1 (Special Issue: Military History, Fall 2009): 66-85.
- Duque, Ricardo. B. and **Marcus Ynalvez.** "Internet Practice and Sociability in South Louisiana." *New Media & Society* 11.4 (2009): 487-507.
- Emanuel, Neela.** "Photo Detoxification of Solubilized Vat Dye Effluent Using Different pH Ranges." *Environmental Chemical Letter* 7 (2009): 375-79.
- Farrokh, Faridoun,** trans. *The Cannon.* A Novel by G. Sa'edi. English translation from original edition in Persian. Bethesda, MD: Ibex Publications, 2009.

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- Ferguson, C., Claudia San Miguel,** and R. Hartley, R. “A Multivariate Analysis of Youth Violence and Aggression: The Influence of Family, Peers, Depression, and Media Violence.” *Journal of Pediatrics* 155.6 (2009): 904-06.
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**Haruna, Peter F.** "Revising the Leadership Paradigm in Sub-Saharan Africa: A Study of Community-Based Leadership." *Public Administration Review* 69.5 (2009): 941-50.

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**Kilburn, John C.** and S.E. Costanza. 2009. "Symbolic Security." In Warner, *Battleground Immigration*. 819-33.

Kidd, C., **M.R. Kidd**, and H. A. Hofmann. "Measuring Multiple Hormones from a Single Water Sample Using Enzyme Immunoassays." *General & Comparative Endocrinology* 165 (2009): 277-85.

**Lin, Runchang**. "Discontinuous Discretization for Least-Squares Formulation of Singularly Perturbed Reaction-Diffusion Problems in One and Two Dimensions." *SIAM Journal on Numerical Analysis* 47.1 (2009): 89-108.

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## **Patents**

**Fuming Wu**. “*System and Method for Routing Communication Sessions*,” CN Patent No. ZL 200610065315.X; September 02, 2009.

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**Fuming Wu** and Jack Jachner, “*System and Method for Managing Groups in Presence Systems*,” CN Patent No. ZL 200610079009.1; July 01, 2009.

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