

PUBLICATIONS AND PROFESSIONAL ACTIVITIES
Penn State Behrend Faculty
2005

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**PENN STATE ERIE
SCHOOL OF BUSINESS
2005 PUBLICATIONS**

ARTICLES PUBLISHED IN REFEREED JOURNALS

Benton, W. C. and **M. J. Maloni**. The Influence of Power Driven Buyer/seller Relationships on Supply Chain Satisfaction. *Journal of Operations Management* 23: 1-22.

Boscaljon, B. Maximizing Retirement Income and Leisure Time. *Journal of Financial Planning* 18(7):46-53.

Regulatory Changes in the Pharmaceutical Industry. *International Journal of Business* 10(2):151-164.

Time, Wealth, and Human Capital as Determinants of Asset Allocation. *Financial Services Review* 13(3):167-184 (2004). Subsequently abstracted in *CFA Digest* May:56-57 (2005).

Boscaljon, B. and C. Ho. Information Content of Bank Loan Announcements to Asian Corporations during Periods of Economic Uncertainty. *Journal of Banking and Finance* 29: 369-389.

Boscaljon, B., G. Filbeck, and R. Ho. How Many Stocks Are Required for a Well-diversified Portfolio? *Advances in Financial Education* Fall 2005: 60-71.

Brown, C. A. and M. Myring. The Impact of Accrual Accounting Information on the Accuracy of Cash Flows Prediction in Regulated and Non-regulated Firms. *Journal of Corporate Communications* 5: 1-24.

Brown, M. E., L. K. Treviño, and D. A. Harrison. Ethical Leadership: A Social Learning Perspective for Construct Development and Testing. *Organizational Behavior and Human Decision Processes* 97: 117-134.

Doran, D. Employee Stock Options and Earnings Per Share. *Journal of Business and Economics Research* 3(11):51-56.

Maloni, M. and E. C. Jackson. North American Container Port Capacity: A Literature Review. *Transportation Journal* 44(2):16-36.

North American Container Port Capacity: An Exploratory Analysis. *Transportation Journal* 44(3):1-22.

Millet, I. Management by issues: An Organizational System for Processing Problems and Opportunities. *Knowledge Management Research and Practice* 3:173-182.

Optimality of Management Inconsistency. *Journal of Management Systems* 17(1):9-16.

Millet, I. and B. Schoner. Incorporating Negative Values into the Analytic Hierarchy Process. *Computers and Operations Research* 32:3163-3173.

Parente, D. H., M. B. Pinto, and J. C. Barber. A Pre-post Comparison of Service Operational Efficiency and Patient Satisfaction Under Open Access Scheduling, *Health Care Management Review*, 30(3):1-9.

Parente, D. H., R. C. Brown, and **A. G. Warner.** Review Sessions and Results: Competency Testing in the Capstone Business Class. *Journal of Instructional Psychology* 32(3):233-243.

Pinto, M. B., D. H. Parente, and **P. M. Mansfield.** Information Learned from Socialization Agents: Its Relationship to Credit Card Usage. *Journal of Family and Consumer Sciences Research*, 33(4):357-367.

Rajagopalan, B. and **A. Deshmukh.** Issues and Advances in B2C Research. *Journal of Electronic Commerce Research* 6(2):75-78.

Stevens, R., **P. Mansfield,** and D. Loudon. The Public's Image of Chiropractic Services: A Pilot Study. *Services Marketing Quarterly*, 26(4):19-37.

Warner, A. G. An Egg-centric Approach to Teaching Strategic Types: Adapting a Classic Exercise. *Journal of Management Education* 29(4):583-593.

BOOKS

Johnson, K. N. Online questions for *Essentials of Corporate Finance*, 5th Ed., edited by S. A. Ross, R. W. Westerfield, and B. D. Jordan, <http://www.mhhe.com/business/finance/corpinonline/>, McGraw Hill, Burr Ridge, IL.

Online Questions for *Fundamentals of Investing*, 9th Ed., edited by L. J. Gitman and M. D. Joehnk, http://wps.aw.com/aw_gitman_fundinv_9, Pearson/Addison Wesley, Boston MA.

Self-study Software CD-ROM for *Fundamentals of Corporate Finance*, 7th Ed., edited by S. A. Ross, R. W. Westerfield, and B. D. Jordan, ISBN 0-07-299156-9, McGraw Hill, Irwin NY.

Test Bank for Essentials of Corporate Finance, 5th Ed., edited by S. A. Ross, R. W. Westerfield, and B. D. Jordan, McGraw-Hill, Burr Ridge, IL.

Test Bank for Fundamentals of Corporate Finance, 7th Ed., edited by S. A. Ross, R. W. Westerfield and B. D. Jordan, McGraw-Hill, Irwin, New York NY.

Johnson, K. N. *Test Bank for Fundamentals of Investing, 9th Ed.*, edited by L. J. Gitman and M. D. Joehnk, 222 pages, Pearson/Addison Wesley, Boston MA.

Pinto, J. K. and D. H. Parente. *SimProject: A Project Management Simulation*, 87 pages. McGraw-Hill, Irwin, New York NY (2003). Revised, 1.2 ed., 94 pages, McGraw-Hill, Chicago IL.

Thoms, P. *Finding the Best and the Brightest.* 181 pp. Praeger, Westport CN.

**PENN STATE ERIE
SCHOOL OF ENGINEERING AND ENGINEERING TECHNOLOGY
2005 PUBLICATIONS**

ARTICLES PUBLISHED IN REFEREED JOURNALS

Byun, Y., B. A. Sanders, and C. -S. Keum. "Design of communication protocols using a message transfer pattern," *International Journal of Communication Systems*, vol. 18, pp. 465-485 (March).

Coulston, C. "Electronic angle measurement," *Circuit Cellar*, Issue 179, 4 pp. (June).

Gallagher, A. H., C. D. Agosti, and **J. T. Roth**. "Effect of cryogenic treatments on tungsten carbide tool life: Microstructural analysis," *Transactions of the North American Manufacturing Research Institute of the Society of Manufacturing Engineers, NAMRI/SME*, vol. 33, pp. 153-160.

Gomes C., M. Lovell, and **O. Onipede**. "Investigation of springback in high strength anisotropic steels," *Journal of Material Processing Technology*, vol. 159, pp. 91-98.

Heigel, J. C., J. S. Andrawes, **J. T. Roth**, M. E. Hoque, and **R. M. Ford**. "Viability of electrically treating 6061 T6511 aluminum for use in manufacturing processes," *Transactions of the North American Manufacturing Research Institute of the Society of Manufacturing Engineers, NAMRI/SME*, vol. 33, pp. 145-152.

Hemminger, T. L., "Antenna impedance matching with neural networks," *International Journal of Neural Systems*, vol.15, no. 5, pp. 1-5.

Lasher, W. C., **J. R. Sonnenmeier**, **D. R. Forsman**, and J. Tomcho. "The aerodynamics of symmetric spinnakers," *Journal of Wind Engineering and Industrial Aerodynamics*, vol. 93, pp. 311-337.

Lubahn, J., **R. Englund**, G. Trinidad, J. Lyons, D. Ivance, and F. Buczek. "Adequacy of laboratory simulation of in-line skater falls," *The Journal of Hand Surgery*, vol. 30a, no. 2 (March).

Nelatury, S. R., **T. L. Hemminger**, and M. N. O. Sadiku. "An equivalent circuit model of a plasma core inductor," *IEEE Transactions on Plasma Science*, vol. 33, no. 3, pp. 1100-1105 (June).

Wang, W., D. Pan, and M. Chen. "Architecture-based software reliability modeling," *Journal of Systems and Software*, in press.

Warley, R. L. and J. R. Halladay. "Effect of ambient temperature and cure state on the age stiffening of a cured NR/BR blend," *Polymer Testing*, vol. 24, pp. 678-683.

Warley, R. L., D. L. Feke, and I. Manas-Zloczower. "Transient effects in dynamic modulus measurement of silicone elastomers, 1. Zero mean strain measurements," *Journal of Applied Polymer Science*, vol. 98, pp. 1001-1009.

"Effect of peroxide crosslinking on the dynamic modulus of silicone rubber," *Journal of Applied Polymer Science*, vol. 97, pp. 1504-1512.

Xu, X. and G. Zhai. "Practical stability and stabilization of hybrid and switched systems," *IEEE Transactions on Automatic Control*, vol. 50, no. 11, pp1897-1903.

Xu, X. and P. J. Antsaklis. "On time optimal control of integrator switched systems with state constraints," *Nonlinear Analysis: Theory, Methods and Applications*, vol. 62, no. 8, pp. 1453-1465.

ARTICLES PUBLISHED IN REFEREED PROCEEDINGS

Beaumont, J., C. Stewart, and M. Ezzo. "Controlling intra-cavity melt flow and weld strength through new runner design technology," *Society of Plastics Engineers Annual Technical Conference* (May).

Byun, Y. and B. A. Sanders. "A pattern-based development methodology for communication protocols," *Proceedings of the 20th Annual ACM Symposium on Applied Computing*, Sante Fe, NM, pp. 1524-1528 (March).

Edwards, R. C. "Teaching thermal management to electrical technology students," *American Society for Engineering Education Regional Conference*, 6 pp.

Edwards, R., M. Dropik, and R. Simoneau. "Using available faculty expertise to add relevance to a first course in heat transfer," *American Society for Engineering Education Annual Conference and Exposition*, Session 2266, 7 pp.

Edwards, R. C. "A simple hairdryer experiment to demonstrate the first law of thermodynamics," *American Society for Engineering Education Annual Conference and Exposition*, Session 1348, 9 pp.

Englund, R., S. Sweeney, and D. Johnson. "A demonstration of heat affected zone from welding," *Proceedings of the American Society for Engineering Education Annual Conference and Exposition*, Session 1150-1133, 9 pp., published on CD (June).

Forsman, D. "Reverse engineering and rapid prototyping: A senior level technical elective for mechanical engineering technology students and much more," *American Society for Engineering Education National Conference*, Session 3438, 14 pp. (June).

He, S. "Feedback control design of differential-drive wheeled mobile robots," *12th International Conference on Advanced Robot Systems*, Seattle, WA, 6 pp. (July).

Hemminger, T. L. "Understanding transmission line impedance matching with neural networks and PowerPoint," *Frontiers in Education*, Indianapolis, IN (November).

Hemminger, T. L. and W. Wang. "Reliability modeling of software using history dependent Markov models," *Artificial Neural Networks in Engineering*, St. Louis, MO (November).

Hemminger, T. L., D. L. Loker, and C. A. Pomalaza-Raez. "A new method to determine transmitter localization using neural networks," *Artificial Neural Networks in Engineering*, vol. 13 (November).

Hoque, M. E., **R. M. Ford, and J. T. Roth.** "Automated image analysis of microstructure changes in metal alloys," *IS&T/SPIE Symposium on Electronic Imaging 2005, Machine Vision Applications in Industrial Inspection XIII*, 9 pp.

Khalilollahi, A., R. Warley, and O. Onipede. "Thermal reliability design and optimization for multilayer composite electronic boards," *Proceedings of IMECE: ASME International Mechanical Engineering Congress and Exhibition*, IMECE2005-82560, Orlando, FL (November).

Khalilollahi, A. and R. Warley. "Thermal stress reduction and optimization for orthotropic composite boards," *Proceedings of 2005 ASME Summer Heat Transfer Conference*, HT2005-72570, San Francisco, CA (July).

Krahe, R. "Software engineering standards in the ECET curriculum," *Proceedings of the American Society for Engineering Education Conference*, Portland, OR, 8 pp.

Lobaugh, M. "Lean Manufacturing; A unique approach to educating students," *American Society for Engineering Education National Conference*, CD index number 3663, 9 pp. (June).

- Loker, D.,** C. Frampton, T. McElhaney, J. Mook, and A. Sansone. "Remote data acquisition using Bluetooth," *Proceedings of the Annual Meeting, American Society for Engineering Education Annual Conference*, session 2147, file 2005-114_Final.PDF on CD-ROM, 16 pp.
- Meckley, J. A.** "An examination into the effects of a fluoropolymer additive in nylon 6/6 neat injection molding resins," *Society of Plastics Engineers Annual Technical Conference (ANTEC)*, 5 pp.
- Meckley, J. A. and F. A. Nitterright.** "Development of a plastic injection molding processing laboratory for freshman mechanical engineering technology students," *2005 ASEE Annual Conference and Exposition*, 20 pp.
- Metwally, H. M., **J. Meckley,** T. Marchal, E. Grald, and Y-Y. Perng. "Numerical and experimental investigation of the effect of mandrel motion on extruded parison thickness," *Society of Plastics Engineers Annual Technical Conference (ANTEC)*, 5 pp.
- Onipede, O., A. Khalilollahi,** I. Adeev, and L. Bunziewicz. "Vibrational characteristics of micro beams," *Proceedings of IMECE: ASME International Mechanical Engineering Congress and Exhibition*, IMECE2005-79560, Orlando, FL (November).
- Pasha, I. A., **N. Sudarshan Rao,** V. M. Pandharipande, and N. Renuka Chari. "Amplitude-phase keyed equi length poly-alphabetic radar wave form design," *International Radar Symposium India*.
- Perkins, T. A. and **J. T. Roth.** "The reduction of deformation energy and increase in workability of metals through an applied electric current," *2005 American Society of Mechanical Engineers-International Mechanical Engineering Congress and Exposition*, IMECE2005-81060, 10 pp.
- Ross, C. and **J. T. Roth.** "The effects of DC current on the tensile properties of metals," *2005 American Society of Mechanical Engineers-International Mechanical Engineering Congress and Exposition*, IMECE2005-81072, 10 pp.
- Sonnenmeier, J. R., O. Onipede,** A. J. Detar, and H. L. Myers. "The aerodynamics of an actively twisted wing," *ASME International Mechanical Engineering Congress and Exposition (IMECE2005-81213)*, Orlando, FL (November).
- "The aerodynamics of an actively twisted wing," *Proceedings of IMECE 2005, ASME International Mechanical Engineering Congress and Exposition*, Orlando, FL, 8 pp. (November).

- Sonnenmeier, J. and Y. Wu.** "Teaching courses for an engineering student abroad in Iraq," *Proceedings of IMECE 2005, ASME International Mechanical Engineering Congress and Exposition*, Orlando, FL, 4 pp. (November).
- Sweeney, S. K. and K. J. Fisher.** "Reduction of rotating imbalance measurement variation resulting from test apparatus redesign," *Proceedings of 2005 ASME International Mechanical Engineering Congress*, IMECE-79317, 7 pp.
- Tang, M., **W. Wang**, and M. Chen. "A design-driven software change impact model using UML," *Proceedings of Ninth IASTED International Conference on Software Engineering and Applications (SEA 2005)*, Phoenix, AZ (November).
- Vitolo, T. M. and **C. Coulston.** "Generational ethics," *Proceedings of the Eighth Annual Ethics and Technology Conference*, St. Louis, MO, pp. 281-291.
- Wang, W. and T. L. Hemminger.** "Event driven reliability modeling for distributed systems," *Artificial Neural Networks in Engineering*, St. Louis, MO (November).
- Wang, W.** and T. Weindorf. "A software design template for swarm intelligence systems development," *Proceedings of Ninth IASTED International Conference on Software Engineering and Applications (SEA 2005)*, Phoenix, AZ (November).
- Wang, W. and T. L. Hemminger.** "Event driven reliability modeling for distributed systems," *Proceedings of Artificial Neural Network in Engineering (ANNIE 2005)*, St. Louis, MO (November).
- Wang, W.** and D. Scannell. "An architecture-based software reliability modeling tool and its support for teaching," *Frontier in Education Conference (FIE 2005)*, pp. T4C15-T4C20, Indianapolis, IN (October).
- Weissbach, R.** and L. Kephart. "Hybrid renewable energy system analysis for off-grid Great Lakes residential housing," *Proceedings of the American Society for Engineering Education (ASEE) Annual Conference*, Session 2433, Portland, OR (June).
- Wu, Y.,** P. E. Allaire, G. Tao, and D. B. Olsen. "Modeling, estimation, and control of cardiovascular systems with a left ventricular assist device," *Proceedings of the American Control Conference*, Portland, OR, pp. 3841-3846 (June).
- Xu, X.** and G. Zhai. "Some results on practical asymptotic stabilizability of switched systems," *Proceedings of the 44th IEEE Conference on Decision and Control and European Control Conference ECC*, pp. 3998-4003 (December).

Xu, X. and G. Zhai. "New results on practical stabilization and practical reachability of switched systems," *Proceedings of the American Control Conference*, pp. 3784-3789 (June).

Xu, X. "Practical attractivity and practical asymptotic stabilizability of a class of switched systems," *Proceedings of the American Control Conference*, pp. 3790-3791 (June).

Zhai, G., H. Lin, **X. Xu**, J. Imae, and T. Kobayashi. "Analysis of switched normal discrete-time systems," *Proceedings of the American Control Conference*, pp. 3800-3805 (June).

BOOKS

Ford, R. and C. Coulston. *Design for Electrical and Computer Engineers: Theory, Concepts and Practice*. New York: McGraw-Hill Higher Education, 300 pp., ISBN 0-07-319599-5.

Power Point Slides for Design for Electrical and Computer Engineers: Theory, Concepts and Practice. New York: McGraw-Hill Higher Education.

Solution Manual for Design for Electrical and Computer Engineers: Theory, Concepts and Practice. New York: McGraw-Hill Higher Education.

PARTS OF BOOKS

Vitolo, T. M., and **C. Coulston.** "Simulation in information systems research," Chapter in *Encyclopedia of Information Science and Technology*, M. Khosrow-Pour (Ed.), Hershey, PA: Idea Group, Inc., pp. 2508-2513.

"An overview of simulation in information systems research: Technique underrepresented in the field," Chapter XIV in *Encyclopedia of Information Science and Technology I-V*, Mehdi Khosrow-Pour (Ed.), Hershey: Idea Group Publishing, pp. 250-260.

PAPERS REFEREED BY ABSTRACT

Buziewicz, L., I. Avdeev, and **O. Onipede.** "Modeling of electrostatic combdrive fingers," *Eighth US National Congress on Computational Mechanics (USNCCM)*, Austin, TX (July).

Connolly, P. and **K. Holliday-Darr.** "Drawing instruction: A two-location experiment," *Proceedings, American Society for Engineering Education*

National Conference, Engineering Design Graphics Division (EDGD), Chicago, IL (October).

Weissbach, R. and L. Kephart. "Hybrid renewable energy system analysis for off-grid Great Lakes residential housing," *Proceedings, American Society for Engineering Education National Conference*, Portland, OR (June).

ARTICLES PUBLISHED IN NON-REFEREED PROCEEDINGS

Gray, R. "Watching the northern border," *Penn State Outreach Magazine* (Fall).

Johnson, D. H., C. Logan, and R. Roberts. "Vaporization rates for rolling oil using computer simulations improves safety in coil/foil annealing," *Light Metal Age*, pp. 44-47 (June).

Lasher, W. C., A. J. McCullough, and T. D. Musho. "An analysis of downwind sail trim," *Hamburg Symposium on Yacht Design and Construction*, 18 pp. (November).

ARTICLES IN IN-HOUSE PUBLICATIONS

Fisher, K. "ABET Participation Project-Phase II Report," Design Team Recommendations, 28 pp.

Gray, R., T. Hemminger, and K. Fisher. "Command, control, communications, computers, and intelligence," *C4I Test Plan and Procedures*, Presque Isle Station (Spring).

RESEARCH REPORTS TO SPONSOR

Krahe, R. and D. Loker. "MDEM mathematical model and signal recovery lock-in amplifier," 8 pp.

Loker, D. "Project MDEM Modeling," Phase I, part 4a, Quadrature Detection, technology survey, 7 pp.

Michael, R. J. and S. K. Sweeney. "Proposal for acquisition of MTS810 TestStar IIs material testing system," *National Science Foundation MRI/RUI* (March).

Michael, R. J. "Static and dynamic stiffness testing for gear shift isolator," GHSP, ARDC (March).

Michael, R. J. and S. K. Sweeney. "Development of structural damper utilizing ultra-high-damped elastomer," Pennsylvania Infrastructure Technology Alliance (PITA), with Carnegie Mellon and Lehigh Universities and Corry Rubber Corporation (August).

Roth, J.T. and A. H. Gallagher. "The effect of cryogenics on tungsten carbide tooling," Investigation of Cryogenic Effects on Cutting Tools Project, *Saegertown Manufacturing Corporation (SMC)* (February).

Sweeney, S. K. and R. J. Michael. "Fatigue testing of titanium alloys," *Lord Corporation* (June).

**PENN STATE ERIE
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
2005 PUBLICATIONS**

Althof, S. E., R. C. Rosen, L. DeRogatis, **E. Corty**, F. Quirk, and T. Symonds. (refereed journal) Outcome measurement in female sexual dysfunction trials: Review and recommendations. *Journal of Sex and Marital Therapy*, 31: 153-166.

Baldwin, D. (part of book) V. S. Pritchett. The Oxford Encyclopedia of British Literature. Ed. David Scott Kastan. New York: Oxford University Press, invited submission, approx. 2,400 words.

Bedal, L. A. (refereed journal) The Petra Garden and Pool Complex. *American Journal of Archaeology* 109/3: 552-554.

(book reviewed) *The Petra Pool-Complex: A Hellenistic Paradeisos in the Nabataean Capital* (2003) was positively reviewed by Inge Nielsen in the *Bulletin of the American Schools of Oriental Research* 339 (November): 118-120.

Blasko, D., A. Katz, and **V. Kazmerski.** (refereed journal) Saying what you don't mean: Social Influences on language processing. *Current Directions in Psychological Science*. 13(5):186-189.

Champagne, J. (refereed journal) A Feminist Pirandello: Female Agency in "As You Desire Me," *Forum Italicum* 39 (1): 49-72 (Spring).

Comann, B. (poem) Tractor Pull in *Commonwealth: poets on Pennsylvania*.

Dale, S. (part of book) Baldus degli Ubaldi and the infeudation of Biscina: the original bulls rediscovered, pp. 555-560 in Carla Frova, Maria Grazia Nico Ottaviani and Stefania Zucchini, *VI centenario della morte di Baldo degli Ubaldo 1400-2000*, (Perugia: Università degli Studi).

(part of book) The Avignon Papacy and the Creation of the Visconti Myth, in Jacqueline Hamesse, ed. *La Vie culturelle, intellectuelle et scientifique à la cour des Papes d' Avignon* (Turnhout: Brepols) 34 pages.

Davis, U. (refereed journal) *International Jazz Archives Journal* 2(4), Pittsburgh, PA, associate editor (2004-2005)

(book published) *Cinema: the Hidden Persuader* (3rd edition) 220 pp. Pearson Publishing Company, Boston, MA.

Dougherty, S. (poem) Alphabet of Ordinary Horses in *Paper Street*.

(two poems) After the Election and What We Keep in *Harpur Palate*.

(poem) Messenger in *Hotel Amerika*.

(poem) Stenographer of the Damned in *Agni*.

(poem) When the Whole, As if Many, That Message in *Agni*.

(two poems) Shift and All You Ask for Is Longing in *Jubilat*.

(two poems) Eating Violins and Kareoke Night at the Y Not Bar in *Poetry East*.

(poem) The Sentence in *Minnesota Review*.

(poem) On the Heroic Ledge in *Poetry Lore*.

(poem) Call Out in *Quarter After Eight*.

(poem) Elegy in Answer to a Question in *Chautauqua Review*.

Fernández-Jiménez, J. (part of book) La poesía sencilla y melódica de Ana Sofía Berríos. pp. 221-29. *Lorca, taller del tiempo*. Eds. Pedro Guerrero Ruiz, José Luis Molina, Santos Campoy y María Teresa Caro. Murcia: Universidad de Murcia.

(book review) Elizabeth Espadas. *A lo largo de una escritura*. Ramón J. Sender: *Guía bibliográfica*. Huesca: Instituto de Estudios Altoaragoneses, 2002. *Crítica Hispánica*. 26: 188-92.

Fitch, C., **C. Kallgren**, and E. Monticue. (research report to sponsor) Community Assessment, Analysis, and Report Project Results for The Epilepsy Foundation of Western/Central Pennsylvania, 27 pages (August).

Frankforter, A. D. (part of book) Amalasantha. *Women and Gender in Medieval Europe: an Encyclopedia*, Taylor and Francis.

Hall, M. D. and **D. Blasko**. Attentional interference in judgments of musical timbre: Individual differences in working memory. *The Journal of General Psychology*, 132(1): 94-112.

Irwin, Z. (book review) Remembered Past: John Lukas on History, Historians, and Historical Knowledge, *Library Journal* 130(1): 128-128 (1/1/05).

(book review) The Road to Martyr's Square: A Journey into the World of the Suicide Bomber, *Library Journal* 130(3):147 (2/15/05).

(book review) Blood on the Snow: The Killing of Olof Palme, *Library Journal* 130(8):100-02 (5/1/05).

(book review) Waging Peace: A Special Operations Team to Rebuild Iraq, *Library Journal* 130(12):101-02 (7/1/05).

(book review) Night Draws Near: Iraq's People in the Shadow of America's War, *Library Journal* 130(12):101-102 (7/1/05).

A Matter of Principle: Humanitarian Arguments for War in Iraq, *Library Journal* 130(12):101-102 (7/1/05).

A Hundred and One Days, *Library Journal* 130(12):101-102 (7/05).

Ahmad's War; Ahmad's Peace: Surviving Under Saddam and Dying in the New Iraq, *Library Journal* 130(15):101-102 (7/05).

Terrorism: A Documentary and Reference Guide, *Library Journal* 130(15):89 (9/15/05).

Come Back to Afghanistan: A California Teenagers Story, *Library Journal* 130(19):74 (11/15/05).

Kallgren, C. A., C. Fitch, and T. Bartasavich. (research report to sponsor) The 2005 Homelessness Single Point in Time (SPIT) Gaps Analysis. Report to The Erie County Department of Human Services and the Erie County Continuum of Care Homeless Assistance Initiative, 34 pages (1/26/05).

Kelley, C. (refereed journal) With God on his side: Deconstructing the post-9/11 discourse of President George W. Bush [Electronic version]. ANZCA, from <http://www.mang.canterbury.ac.nz/ANZCA/PubRelations.shtml>

Looney, G. (book review) Fleeta Brown. *The Women Who Loved Elvis All Their Lives* in *Mid-American Review* 25.1: 328-329.

(book review) Sean Thomas Dougherty. *Night Shift Belonging to Lorca* in *Mid-American Review* 25.1: 332-334.

(poem) The Burning Wheel Put Out by Its Own Turning in *Willow Springs* 56: 14-15.

(poem) The Heart Treads Water and Hums in *Flyway* 9.1: 21-22.

(poem) Fish and Sin in *Prairie Schooner* 79.2: 159-160.

(two poems) A Cargo That Costs All We Have and Overcast Parking Lot Salsa in *American Literary Review* 16.1: 73-77.

(poem) Music Left by Another in *The Literary Review* 48.3: 151-152.

(part of book - three poems in anthology) The Amnesiac Hysteria of the Sails, In a Diner in Franklin, Pennsylvania, and Confession Off the Lake in *Along the Lake: Contemporary Writing from Erie, PA* edited by Sean Thomas Dougherty 54-60.

Loss, A. (refereed journal) I Found It on the Web: Research in English Studies in the Digital Future. Accepted for publication in *The Grove: Working Papers on English Studies* (University of Jaen, Spain) (8 ms. pp. in print-ready form).

(book review) Here Comes Everybody (review of Christa-Maria Lerm Hayes, *Joyce in Art*, Dublin: Lilliput Press, 2004). *James Joyce Literary Supplement* 19(1): 18 (Spring).

Mester, C. (refereed journal) The professor's voice: A resource and a risk. *APS Observer* 18(2):27 ff, p. 3.

Noyes, T. (nonrefereed journal) Here, There, Yonder. *The Laurel Review* 39.2: 47-64 (Summer).

(nonrefereed journal) The Straightened Arrow. *Ascent* 29.3: 10-29 (Spring).

(nonrefereed journal) Everything but Bone. *Image* 44: 5-17 (Winter 2004-2005).

Porac, C., A. Searleman, C. Defoe, and B. Hetzel. (refereed journal) Altering Mueller-Lyer illusion magnitude using figural additions at the wing-shaft intersections. *The American Journal of Psychology* 118:619-637.

Porac, C. (APA Website) Variations on the theme of an academic career: Beyond a psychology department. APA Online, Science Directorate, Careers in Psychology. <http://www.apa.org/science/nonacad-variatio.html>.

(APA Website) Variations on the theme of academic careers: The non-tenure track position. APA Online, Science Directorate, Careers in Psychology. http://www.apa.org/science/nonacad_clare.html.

(APA Website) Baruch Fischhoff treats pandemic flu on Capitol Hill. APA Online, Public Policy Office.
<http://www.apa.org/ppo/issues/pandemicflubrf05.html>.

AAAS hosts workshop on science and human rights. *Psychology International*, 16(2):7-8.

Social science research and hurricanes Katrina and Rita. *The Psychological Science Agenda*, 19(9):5.

APA Science Directorate and tomorrow's professors. *The Psychological Science Agenda*, 19(10):7.

House Science Committee holds hearing on flu preparedness, Fischhoff testifies. *The Psychological Science Agenda*, 19(11):10.

Not strangers when we meet. *Psychology International*, 17(1), 3-5.

Friends of NIDA coalition holds briefing on prescription drug abuse. *The Psychological Science Agenda*, 20(3), 13.

Rossi, J. (nonrefereed journals) Why Should the United States' Exploding Trade Deficit Matter to You? *Erie Times-News*, p. 9A (2/18/05). Reprinted as: Penn State Perspectives: Why the Record U.S. Trade Deficit Matters. *Centre Daily Times* (Pennsylvania), <http://www.centredaily.com/> (3/7/05).

(nonrefereed journal) America's Real Fiscal Crisis Ignored by Washington Leaders. *Erie Times-News*, p. 11A (3/23/05).

(nonrefereed journals) President Bush Doesn't Confront What Ails Social Security. *Erie Times-News*, p. 9A (6/10/05). Reprinted as: Penn State Perspectives: Social Security Solution Vital to Americans. *Centre Daily Times* (Pennsylvania), p. A6 (6/20/05).

(nonrefereed journals) Central American Free Trade Agreement: Strong Evidence Reveals Sharp Job Losses Will Come. *Erie Times-News*, p. 7A (8/19/05). Reprinted as: Penn State Perspectives: CAFTA Another Misstep in U.S. Trade Policy. *Centre Daily Times* (Pennsylvania), p. A6 (8/22/05).

(nonrefereed journal) Changing a Regime, Losing a War: Losing War on Terror as Iraqis Die in Civil War. *Erie Times-News*, p. 7A (7/22/05).

(nonrefereed journal) 'Government Lite' Led Directly to New Orleans' Big Catastrophe. *Erie Times-News*, p. 11A (9/21/05).

(nonrefereed journal) Changing Course in Iraq: United States Must Alter Tactics Before It's Too Late. *Erie Times-News*, p. 9A (11/11/05).

Schneider, C. (part of book) Historical evaluation of the Vermont State Constitutions, *The Green Mountain Boys and the Vermont Constitution*, Southwestern Missouri State University Press (2004, 2005).

Shaw, J. (part of book) George Henry Calvert. Vol. 1 of *The Dictionary of Modern American Philosophers*. Ed. John Shook. New York: Thoemmes Continuum, 416–417.

(part of book) Curt Ducasse. Vol. 2 of *The Dictionary of Modern American Philosophers*. Ed. John Shook. New York: Thoemmes Continuum, 674–676.

(part of book) Irwin Edman. Vol. 2 of *The Dictionary of Modern American Philosophers*. Ed. John Shook. New York: Thoemmes Continuum, 703–704.

(nonrefereed journal) Obstacles to Teaching Feminist Aesthetics. *American Society for Aesthetics Newsletter*, 2 pages. <<http://aesthetics-online.org/ideas/shaw.html>>.

(nonrefereed journal) Why Does Feminism Matter to Aesthetics? *Postgraduate Journal of Aesthetics*, 2:1: 1–11.

Speel, R. (nonrefereed journal) Top 10 Local Political News Stories of 2005, *Erie Times-News* (12/29/05).

Steensland, M. (column) Why Y Works. Write Handed in *Broken Frontier*. www.brokenfrontier.com (12/30/05).

(column) All About Sequence - Part F. Write Handed in *Broken Frontier*. www.brokenfrontier.com (12/16/05).

(column) Cross Over Blues. Write Handed in *Broken Frontier*. www.brokenfrontier.com (12/9/05).

(column) All About Sequence - Part E. Write Handed in *Broken Frontier*. www.brokenfrontier.com (12/2/05).

(column) Letter to Warren Ellis. Write Handed in *Broken Frontier*. www.brokenfrontier.com (11/25/05).

(column) All About Sequence - Part D. Write Handed in *Broken Frontier*. www.brokenfrontier.com (11/11/05).

(column) All About Sequence - Part C. Write Handed in *Broken Frontier*. www.brokenfrontier.com (10/28/05).

(column) Occupation: Storyteller #4. Write Handed in *Broken Frontier*. www.brokenfrontier.com (10/21/05).

(column) All About Sequence - Part B. Write Handed in *Broken Frontier*. www.brokenfrontier.com (10/14/05).

(column) Career Retrospective: BENDIS! Write Handed in *Broken Frontier*. www.brokenfrontier.com (10/7/05).

(column) All About Sequence - Part A. Write Handed in *Broken Frontier*. www.brokenfrontier.com (9/30/05).

(column) Hey, Mr. Sandman. Write Handed in *Broken Frontier*. www.brokenfrontier.com (9/23/05).

(column) Introducing Sequence Structure. Write Handed in *Broken Frontier*. www.brokenfrontier.com (9/16/05).

(column) Career Retrospective: Neil Gaiman. Write Handed in *Broken Frontier*. www.brokenfrontier.com (9/9/05).

(column) Objective vs. Subjective. Write Handed in *Broken Frontier*. www.brokenfrontier.com (9/2/05).

(column) The Art of the Reversal. Write Handed in *Broken Frontier*. www.brokenfrontier.com (8/26/05).

(column) Drama, Drama Everywhere. Write Handed *Broken Frontier*. www.brokenfrontier.com (8/19/05).

(column) Remember, Remember the Fifth of November. Write Handed in *Broken Frontier*. www.brokenfrontier.com (8/5/05).

(column) And The Winner Is... Write Handed in *Broken Frontier*. www.brokenfrontier.com (7/15/05).

(column) Remembering Rod Serling. Write Handed in *Broken Frontier*. www.brokenfrontier.com (7/8/05).

(column) To Know or Not To Know. Write Handed in *Broken Frontier*. www.brokenfrontier.com (7/1/05).

Traverso, S. (refereed journal) Tres mujeres en Diez, de Juan Emar: Lucha entre el instinto y la libertad interior in *Taller de Letras. Revista de la Universidad Católica de Chile*. N 36, 2005. A study on three short stories by the Chilean Avant-Garde writer.

Viebranz, G. (jazz reviews) PMEA news. 2 pages Spring Issue (3/05).

2 pages Summer Issue (6/05).

2 pages Fall Issue (9/05).

Welker, H. (refereed journal) Why I Go to Sunstone in *Sunstone* 137: 14-15.

(refereed journal) Mormonism as Praxis in *Sunstone* 135: 16–17.

(refereed journal) A Journal Worth Keeping (Whether the Angels Quote from it or Not) in *Sunstone* 135: 25–27.

(refereed journal) Sexual Subjects for the 21st Century: Or, Ripe Peaches and Peach Schnapps: Just Say No. in *Sunstone* 135: 38–41.

(poem) Self-Portrait As Someone Who Looks Exactly Like Me in *The Spoon River Poetry Review* 30.2.

Wolfe, K. and P. J. Wolfe. (book) *Humanisme et politique: Lettres romaines de Christophe Dupuy à ses frères, 1650-1654*. Vol. III, 162 pp. Gunter Narr Verlag, Tübingen.

**PENN STATE ERIE
SCHOOL OF SCIENCE
2005 PUBLICATIONS**

Amicangelo, J. Theoretical Study of the Benzene Excimer Using Time-Dependent Density Functional Theory, *The Journal of Physical Chemistry A*, 109:9174-9182 (September).

Amicangelo, J. and W. Leenstra. Zirconium Arene-Phosphonates: Chemical and Structural Characterization of 2-Naphthyl and 2-Anthracenylphosphonate Systems, *Inorganic Chemistry*, 44:2067-2073 (February).

Becker, P., J. Mendes, O. AbuGhneim, and K. Smith. On Menon-Hadamard Difference Sets in Groups of Order $4p^2$, *Congressus Numerantium*, 172:97-121 (December).

Becker, P. Do Normal Subgroups have Straight Tails? *American Mathematical Monthly*, 112(5):440-449 (May).

Investigation of Solvable (120,35,10) Difference Sets, *J. Combinatorial Designs*, 13(2):79-107 (February).

Campbell, M. Dormancy and Cell in Cycle, *Genetic Engineering: Principles and Practices*, 23:21-33 (Fall).

Review of *A Natural History of Ferns* in Science Books and Films (AAAS) 41(3):103 (June).

Cupillari, A. The Nuts and Bolts of Proofs, Third Edition. *Academic Press/Elsevier* (Summer).

Downey, L. Zero Sets and Linear Dependence of Multilinear Forms, *Note di Matematica*, 25(1):49-54.

Falvo, D. *Calculus I with Precalculus*, 2nd edition, by Larson, Houghton Mifflin, 1103 pgs.

Brief Calculus, 7th edition, by Larson, Houghton Mifflin, 720 pgs.

Applied Calculus, 7th edition, by Larson, Houghton Mifflin, 928 pgs.

Foyle, A. Historical Sediment Dispersal along Open-Lake Shoreface and Protected Back-Bay Environments, Presque Isle, Pennsylvania: Natural and Anthropogenic Influences, *Proceedings of the ICS 2005 International Coastal Symposium in HOFN, Iceland*, Book of Abstracts, 15 pgs. (June).

Hall, J. and J. Magraw. Modeling Vehicle Rollover, *The Physics Teacher*, 43:445 (October).

Halmi, T., A. Jircitano, M. Kociolek, G. Martin, J. Magraw, and M. Rizzo. Revisiting the Electric Pickle Demonstration, *Journal of Chemical Education*, 82(4):545-546 (April).

Hopwood, C. and M. Campbell. (in-house publication) Biology 230: Molecules and Cells, A Laboratory Manual, published to ANGEL (Fall).

Hopwood, C., B. McKeon, and J. Warren. (in-house publication) Biology 240: Form and Function, A Laboratory Manual, 5th edition (December).

D. Hunnicutt, J. Cingolani, and M. Voss. Use of mtDNA to Identify Genetic Introgression Among Related Species of Catfish, *Journal of Great Lakes Research*, 31:(4)482-491 (December).

Jones, H., K. Hamilton, and D. Devor. The Role of an S4-S5 Linker in the Trafficking of the Ca²⁺ Channels, hIK1 and SK3, *Journal of Biological Chemistry*, pgs. 37257-37265 (November).

Jones, H., G. MacGregor, M. Bailey, and D. Devor. The Role of the S4-S5 Linker in the Ca²⁺ -Sensitivity of the K⁺ channel hIK1 (KCNN4), *Biophysical Journal*, 89(1):Part 2 Suppl. S (January).

The role of the S4-S5 linker in the Ca²⁺ -sensitivity of the K⁺ channel hIK1 (KCNN4), *Faseb Journal* 19(5):A1170-A1171 Part 2 Suppl. S (March).

Jones, H., C. Syme, M. Bailey, K. Hamilton, and D. Devor. An NH₂-Terminal Multi-Basic RKR Motif is Required for the ATP-Dependent Regulation of hIK1, *Biophysical Journal*, 88(1):469A-469A Part 2 Suppl. S (January).

Justik, M. Ortho-Phosphoryl Stabilized Hypervalent Iodosyl- and Iodyl-Benzene Reagents, *Tetrahedron Letters*, 46(31):5187-5190 (August).

Kociolek, M., N. Straub, and J. Schuster. Synthesis of Functionalized 1-Benzoxepins by a Tandem Ring Opening/Cyclocondensation of 3-Bromo-2-Isoxazoles, *Synlett*, 2:259-262 (February).

Kociolek, M., N. Straub, and E. Marton. Synthesis of β -Ketonitriles from 3-Bromoisoxazoles, *Letters in Organic Chemistry*, 2:136-138 (May).

Larson, R., et al, *Calculus 83*, Houghton Mifflin.

Calculus Early Transcendental Functions 4e, Houghton Mifflin.

Calculus: An Applied Approach 7e, Houghton Mifflin.

Brief Calculus: An Applied Approach 7e, Houghton Mifflin.

Calculus I with Precalculus 2e, Houghton Mifflin.

College Algebra 7e, Houghton Mifflin.

Algebra and Trigonometry 7e, Houghton Mifflin.

Precalculus 7e, Houghton Mifflin.

Trigonometry 7e, Houghton Mifflin.

Precalculus with Limits 1e, Houghton Mifflin.

College Algebra: Concepts and Models 5e, Houghton Mifflin.

College Algebra: A Concise Course 1e, Houghton Mifflin.

Larson, R. *Precalculus: A Concise Course 1e*, Houghton Mifflin.

Algebra 1, McDougal Littell.

Algebra 2, McDougal Littell.

Geometry, McDougal Littell.

Middle School Math, Course 1, McDougal Littell.

Middle School Math, Course 2, McDougal Littell.

Middle School Math Course 3, McDougal Littell.

Elementary Statistics Picturing the World 3e, Prentice Hall.

Malcok, M. and I. Kukavica. Backward behavior of solutions of the Kuramoto-Sivashinsky equation, *Journal of Mathematical Analysis and Applications*, 307(2)455-464 (July).

Paullet, J., R. Ellison, V. Gardner, J. Lepak, M. O'Malley, **J. Previte**, B. Reid, and K. Vizzard. Pattern Formation in Small Arrays of Locally Coupled Oscillators, *International Journal of Bifurcation and Chaos*, 15(7):2283-2293 (July).

Paullet, J. and P. Weidman. Nonexistence of Solutions for Reverse Stagnation Flow with Transpiration, *Applied Mathematics Letters*, 18:1009-1012 (August).

Paullet, J. and **J. Previte.** Annual Progress Report for NSF Grant (December).

Power, B. *Algebra 1 Resource Book (Quizzes)*, Larson et al, 38 pgs.

Algebra 2 Resource Book (Study Guide), Larson et al, 141 pgs.

Previte, J. and Z. Xia. Dynamics of the Mapping Class Group on the Moduli of a Punctured Sphere with Rational Holonomy, *Geom. Dedicata*, 112(1):65-72.

Previte, J. Final Project Report for NSF Grant.

Silver, P. Editorial: A Change of Venue, *Journal of the North American Benthological Society*, 24:739 (December).

Stevens, S., W. Lakin, and P. Penar. Modeling steady-state intracranial pressures in supine, head-down tilt, and microgravity conditions, *Aviation, Space, and Environmental Medicine*, 76(4):329-338 (April).

Modeling Steady-State Intracranial Pressures in Microgravity, *ICNAAM 2005 Proceedings, International Conference on Numerical Analysis and Applied Mathematics 2005*, Weinheim, Germany, pgs. 502-505 (September).

Stevens, S., W. Lakin, N. Thakore, P. Penar, and B. Tranmer. A Modeling Study of Idiopathic Intracranial Hypertension, *Wessex Institute of Technology Transactions on Biomedicine and Health*, pgs. 47-56 (September).

Su, M., W. Hou, and C. Wang. Composing Optimal Invalidation Reports for Mobile Databases, *Journal of Digital Information Management*, 3(2):126-132 (June).

Su, M., Z. Dong, C. Wang, and W. Hou. Grid File with Approximation for Multi-Dimensional Nearest Neighbor Search. *Proceedings of the 9th World Multi-conference on Systemics, Cybernetics and Informatics*, Orlando, FL (July).

Su, M., C. Wang, and W. Hou. An Approach of Composing Near Optimal Invalidation Reports, *International Conference on Mobile Data Management Proceedings* (May).

Tuttle, B. On the microscopic behavior of hydrogen in amorphous silicon, *Modern Physics Letters*, pgs. 683-695 (June).

Wang, Y., R. Dean, and T. Joobeur. Genetic mapping and molecular breeding in cucurbits, *Plant Breeding Reviews*, 27:213-244 (December).

Williams, D. and E. Gaidos. Seasonal Variation in the Optical Appearance of Earth-like Planets, *Bulletin of the American Astronomical Society*, 37:31-33 (August).

Yeung, C., M. Shtraham, D. Nauen, G. Bi, and X. Wu. Probing Vesicle Dynamics in Single Hippocampal Synapses, *Biophysical Journal*, 85(5):3615-3627 (November).

Yeung, C. and B. Friedman. Cyclization of Rouse Chains at Long- and Short-time Scales, *Journal of Chemical Physics*, 122(21):6 (June).