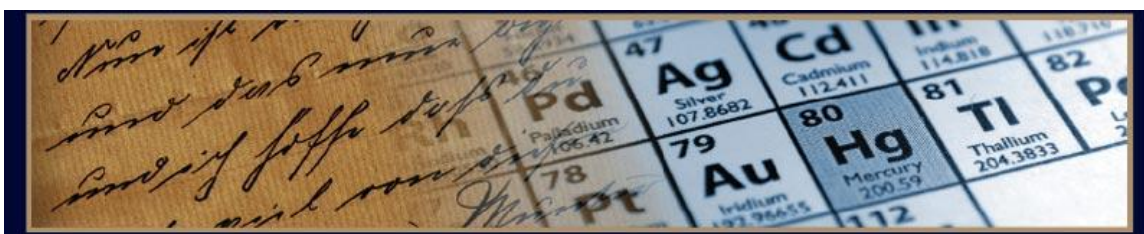


FACULTY PUBLICATIONS

COLLEGE OF ARTS & SCIENCES



"EXCELLENCE IN ACTION"
YOUR FOUNDATION FOR THE FUTURE

41ST
EDITION

JULY 2008 – DECEMBER 2009

PREFACE

On behalf of the College of Arts and Sciences, I take great pleasure in sending you the Forty-First Annual List of Faculty Publication, July 1, 2008 to December 31, 2009. This list reviews the broad range of faculty interests and lists the accomplishments of the faculty in all areas of publication, specifically the scholarly and research areas. I wish to thank John R. D. Stalvey for serving as editor, and Sean Howard and Richard Skidmore for coordinating the collection of the data, preparation of the document and duplication of the final copy. In addition, I wish to thank all of the departmental members who have cooperated in supplying materials for this listing.

This list will be sent to members of the Central Administration, the Vice President and Dean for Research and Graduate Studies, the Departmental Chairpersons, the Collegial Advisory Committee, the Curriculum Committee and Regional Campus Office, available online at www.kent.edu/CAS/grad/facultypubs.cfm. This list of publications includes books, books edited, book reviews, articles, bulletins, review articles, maps, reprinting, audio and video cassettes, poems, essays, translations, and other works. Complete or nearly complete publication lists for faculty members who have joined the College since July 1, 2008 are included. Also included are supplemental and regional campus faculty for each department. This edition includes two hundred and eighty-five contributors (285) who have produced one thousand seven hundred and ninety-three (1793) publications.

As is usual with a project of this magnitude, errors and omissions will occur. For these we apologize in advance; though every effort has been made to prevent such occurrences, complete success remains an objective.

Congratulations on these accomplishments.

Collegially,



Timothy S. Moerland
Professor and Dean

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SOCIOLOGY	11	27
TOTAL	285	1793

CHIU, CHI-HUA

Articles:

2009. Chambers KE, McDaniel R, Raincrow JD, Deshmukh M, Stadler PF, **Chiu CH**. (2009) *Hox* cluster duplication in the basal teleost *Hiodon alosoides* (Osteoglossomorpha). *Theory Biosci.* **128**,109-120.

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[<http://www.molbiolcell.org/cgi/reprint/20/22/4629?lookupType=volpage&vol=20&fp=4629&view=short>]

2009. Zhang YQ, Guo N, Peng G, Han M, Raincrow J, **Chiu CH**, Coolen LM, Wenthold RJ, Zhao ZQ, Jing N, Yu L. Role of SIP30 in the development and maintenance of peripheral nerve injury-induced neuropathic pain. *Pain* **146**, 130-140.

2009. Chiu CH. The Evolutionary History of Hox Clusters in Animal Phylogeny. This is published online at the Nature Scitable website.

[<http://www.nature.com/scitable/topic/Evolutionary-Genetics-13>].

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Book Chapters:

2008. Polynesian representations of geographical and cosmological space: Anuta, Solomon Islands. In *Canoes of the Grand Ocean*, edited by Anne Di Piazza and Erik Pearthree. Oxford: British Archaeological Research (BAR) Archaeopress. Pp. 69-84.

Article:

2009. Nukumanu kinship and contested cultural definition. *Journal of the Polynesian Society* 188 (3): 259-292.

2009. Bridging science and humanism: Thoughts on the future of anthropology. *Anthropology News* 50 (9): 4, 8. December 2009.

LOVEJOY, C. OWEN

Book Chapter:

Meindl, R.S., Mensforth, R.P., and Lovejoy, C.O. 2009 Comentarios sobre los principales errors del trabajo paleodemográfico: El cálculo de la mortalidad promedio, la estructura por edad y la tasa de crecimiento anual. Un ejemplo del Ohio prehistórico, en Estados Unidos. In: P. Hernández, L. Márquez, and E. Gonzáles Licón (eds.) *Tendencias Actuales de la Bioarqueología en Mexico*. Cuerpo Académico, México, pp. 15-36.

Articles :

Serrat, M.A., King, D. and Lovejoy, C.O. 2008 Temperature regulates limb length in homeotherms by directly modulating cartilage growth. *Proc. Nat. Acad. Sci.*, **105**: 19348-19353.

Walker, R.A., Lovejoy, C.O. and Cordes, R. 2008 Histomorphological variation in the appendicular skeleton. *Open Anthro. J.*, **2**: 1-35.

Lovejoy CO. 2009. Reexamining human origins in light of *Ardipithecus ramidus*. *Science* **326**:74e1-74e8.

Lovejoy CO, Latimer B, Suwa G, Asfaw B, and White TD. 2009. Combining prehension and propulsion: the foot of *Ardipithecus ramidus*. *Science* **326**:72e1-72e8.

Lovejoy CO, Simpson SW, White TD, Asfaw B, and Suwa G. 2009. Careful climbing in the Miocene: the forelimbs of *Ardipithecus ramidus* and humans are primitive. *Science* **326**:70e1-70e8.

Lovejoy CO, Suwa G, Simpson SW, Matternes JH, and White TD. 2009. The great divides: *Ardipithecus ramidus* reveals the postcrania of our last common ancestors with African apes. *Science* **326**:100-106.

Lovejoy CO, Suwa G, Spurlock L, Asfaw B, and White TD. 2009. The pelvis and femur of *Ardipithecus ramidus*: the emergence of upright walking. *Science* **326**:71e1-71e6.

McCollum MA, Rosenman BA, Suwa G, Meindl RS, and Lovejoy CO. 2009. The vertebral formula of the last common ancestor of African apes and humans. *J Exp Zool B Mol Dev Evol*. Currently online.

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Suwa G, Kono RT, Simpson SW, Asfaw B, Lovejoy CO, and White TD. 2009. Paleobiological implications of the *Ardipithecus ramidus* dentition. *Science* **326**:94-99.

White TD, Asfaw B, Beyene Y, Haile-Selassie Y, Lovejoy CO, Suwa G, and WoldeGabriel G. 2009. *Ardipithecus ramidus* and the paleobiology of early hominids. *Science* **326**:75-86.

MANAHAN, T. KAM

Article

Manahan, T. K. and Canuto, M. A. 2009 Bracketing the Copan Dynasty: Late Preclassic and Early Postclassic Settlements at Copan, Honduras. Latin American Antiquity 20(4):553-580.

Conference Proceedings

Munro-Stasiuk, M.J., and Manahan, T.K., 2009 Ground penetrating radar (GPR) analysis of karst environments near the ancient Maya center of Xuenkal, Yucatan, Mexico. Papers of the Applied Geography Conference, v. 32, 352-361.

Alonso, A, Manahan, T. K. and Ardren, T 2009 La producción de bienes de concha y la economía política de Xuenkal. In Los Investigadores de la Cultura Maya 17, pp. 265-284. Universidad Autónoma de Campeche: Campeche, Campeche, México.

Wesp, J, Alonso, A, Ardren, T. and Manahan, T. K. 2009 Producción textil e intensificación económica en los alrededores de Chichén Itzá. In Los Investigadores de la Cultura Maya 17, pp. 143-154. Universidad Autónoma de Campeche: Campeche, Campeche, México.

Manahan, T. K. and Ardren, T 2008 Cambios y conflictos en la region Cupul: Resultados preliminares de la temporada 2006 en Xuenkal, Yucatán. In Los Investigadores de la Cultura Maya 16, pp. 255-266. Universidad Autónoma de Campeche: Campeche, Campeche, México.

Manahan, T. K., Ardren, T, and Alonso, A. 2008 Apuntando hacia un modelo regional del desarrollo de Chichén Itzá: Historia de una plataforma Sotuta en Xuenkal, Yucatán In Los Investigadores de la Cultura Maya 16, pp. 93 – 104. Universidad Autónoma de Campeche: Campeche, Campeche, México.

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Abstracts

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Meindl, R.S., Mensforth, R.P., and Lovejoy, C.O. 2008. Comentarios sobre los principales errores del trabajo paleodemográfico: El cálculo de la mortalidad promedio, la estructura por edad y la tasa de crecimiento annual. Un ejemplo del Ohio prehistórico, en Estados Unidos. *In*, P. Hernández, L. Márquez, and E. Gonzáles Licón (eds.) *Tendencias Actuales de la Bioarqueología en Mexico*. Cuerpo Académico, México, pp. 15-36.

McCollum, M.A., Rosenman, B.A., Suwa, G., Meindl, R.S., and Lovejoy, C.O. 2009. The vertebral formula of the last common ancestor of African apes and humans. *Journal of Experimental Zoology (Mol Dev Evol)*, 312B. Published Online, Wiley Interscience.

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Norconk, M.A., Veiga, L.M., Barnett A.A., Bowler M. 2008. Dispersal patterns of Pitheciines: preliminary views and predictions. *Primate Eye*. 96. Abstract # 322.

Sayers K., Norconk M.A., Conklin-Brittain N.L. 2008. Games that foragers play: Himalayan langurs and the social prey model. *Primate Eye* 96. Abstract #352.

Norconk, M.A. 2009. Pathways to seed predation in primates. 32nd annual meeting of the American Society of Primatologists, San Diego CA Sept 18-21, 2009. *American Journal of Primatology* 71 (suppl 1): 92.

Neal, O.J., Norconk, M.A. 2009. Run for cover: neotropical primates alter their habitat utilization patterns in response to perceived presence of harpy eagles (*Harpia harpyja*). 32nd annual meeting of the American Society of Primatologists, San Diego CA Sept 18-21, 2009. *American Journal of Primatology* 71 (suppl 1): 67.

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Articles

Sherwood, C.C., Raghanti, M.A., Stimpson, C.D., Uddin, M., Spocter, M.A., Bonar, C.J., Phillips, K.A., Preuss, T.M., Erwin, J.M., Hof, P.R. (2009) Inhibitory interneurons of the human frontal cortex: evolution of the phenotype and related genes. *Proceedings of the Royal Society B: Biological Sciences* doi:10.1098/rspb.2009.1831.

Treichler, F.R., Raghanti, M.A. (2009) Monkeys Combining Serial Lists: Test Cues and Linking. *Animal Cognition* doi:10.1007/s10071-009-0251-y
Impact factor 2007 2.075

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Raghanti, M.A., Spocter, M.A., Stimpson, C.D., Erwin, J.M., Bonar, C.J., Allman, J.M., Hof, P.R., Sherwood, C.C. (2009) Species-specific distributions of tyrosine hydroxylase-immunoreactive neurons within the prefrontal cortex of anthropoid primates. *Neuroscience* 158, 1551-1559.

Raghanti, M.A., Stimpson, C.D., Marcinkiewicz, J.L., Erwin, J.M., Hof, P.R., Sherwood, C.C. (2008) Cortical dopaminergic innervation among humans, chimpanzees, and macaque monkeys: A comparative study. *Neuroscience* 155, 203-220.

Abstracts

Chowdry, P., Raghanti, M.A., Peterson, C., Samii, V., Funk, J., Dennis, P. (2009) Nutritional and behavioral contributions to oral diseases in captive red kangaroos (*Macropus rufus*). Morris Animal Foundation Annual Meeting.

Eaton, J., Roache, L.E., Troyer, E.A., Cushing, B.S., Raghanti, M.A. (2009) Neonatal oxytocin manipulations affect adult serotonergic innervation in prairie voles. Society for Neuroscience Abstract.

Butti, C., Bauerfeind, A., Spocter, M.A., Marino, L., Manger, P.R., Wicinski, B.A., Raghanti, M.A., Sherwood, C.C., Hof, P.R. (2009) The glia-neuron index in the neocortex of Cetartiodactyla and Afrotheria: implications for mammalian brain evolution. Society for Neuroscience Abstract.

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Raghanti, M.A., Erwin, J.M., Hof, P.R., Sherwood, C.C. (2008) The distribution of tyrosine hydroxylase-immunoreactive neurons in prefrontal cortical regions of Old World monkeys, apes, and humans. Society for Neuroscience Abstract.

Sherwood, C.C., Raghanti, M.A., Stimpson, C.D., Bonar, C.J., Phillips, K.A., Allman, J.M., Preuss, T.M., Erwin, J.M., Hof, P.R. (2008) Inhibitory interneurons and the evolution of human frontal cortex. Society for Neuroscience Abstract.

Hof, P.R., Butti, C., Allman, J.M., Hakeem, A., Tetreault, N.A.F., Carpenter, D., Tang, C.Y., Dickstein, D.L., Harry, S., Bonar, C.J., Raghanti, M.A., Sherwood, C.C. (2008) The brain of the pygmy hippopotamus, *Hexaprotodon liberiensis* (Artiodactyla, Hippopotamidae): comparative histology, immunohistochemistry, and magnetic resonance imaging. Society for Neuroscience Abstract.

BADE, DARREN

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Buso, D., G.E. Likens, J.W. La Baugh, D.L. Bade, Nutrient Dynamics. G.E. Likens and T.C. Winter [eds.]. "Mirror Lake: Interactions among Air, Land, and Water," University of California Press, (pp. 69-203), (2009).

Bade, D.L., "Freshwater carbon and biogeochemical cycles," S.A. Levin [ed.], The Princeton Guide to Ecology, Princeton University Press (pp. 347-357), (2009).

Bade, D.L., "Gas exchange at the air-water interface," G.E. Likens [ed.]. Encyclopedia of Inland Waters Boston; Amsterdam. Elsevier, Vol. 1, (pp. 70-78), (2009).

Article

Bade, D.L., K. Bouchard, G.E. Likens, "Algal co-limitation by N and P persists after 30 years in Mirror Lake (New Hampshire, USA)," *Verh. Internat. Verein. Limnol*, 30(7): 1121-1123, (2009).

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Articles

Wu, L., C.B. Blackwood, L.G. Leff, "Effect of single-species and mixed-species leaf leachate on bacterial communities in biofilms," *Hydrobiologia*, 636:65-76, (2009).

Feinstein, L.M., W.J. Sul, C.B. Blackwood, "Assessment of bias associated with incomplete extraction of microbial DNA from soil," *Applied and Environmental Microbiology*, 75:5428-5433, (2009).

Hassett, J.E., D.R. Zak, C.B. Blackwood, K.S. Pregitzer, "Reduced lignolytic activity in northern hardwood forest ecosystems under simulated chronic NO₃⁻ deposition is not related to basidiomycete laccase functional gene abundance or composition. *Microbial Ecology*," 57:728-739, (2009).

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Blackwood, C.B., K.A. Smemo, L.M. Feinstein, O.J. Valverde-Barrantes, M.W. Kershner, "Does community composition or environmental variability control extracellular enzyme activity in soil? A spatial analysis in a complex forested landscape," Oral Paper Abstract, Soil Science Society of America Annual Meeting, Pittsburgh, PA, (2009).

Feinstein, L.M., O.J. Valverde-Barrantes, M.W. Kershner, L. Leff, L. Wu, C.B. Blackwood, "Leaf Litter Diversity Effects on Microbial Functional and Taxonomic Profiles," Oral Paper Abstract, Soil Science Society of America Annual Meeting, Pittsburgh, PA, (2009).

Valverde-Barrantes, O.J., K.A. Smemo, L.M. Feinstein, M.W. Kershner, C.B. Blackwood, "Measuring the complexity of fine root systems at the population and community levels in a temperate forest," Poster Abstract, Soil Science Society of America Annual Meeting, Pittsburgh, PA, (2009).

Hovatter, S., C. DeJelo, A. Case, C.B. Blackwood, "Regional-scale metacommunity organization of soil bacteria and fungi is affected by plant-species microhabitat," Poster Abstract, American Society for Microbiology 109th General Meeting, Philadelphia, (2009).

Feinstein, L., W. Sul, C.B. Blackwood, "Incomplete extraction of DNA from soil produces bacterial community profile bias," Poster Abstract, American Society for Microbiology 109th General Meeting, Philadelphia, (2009).

Sprockett, D.D., H. Piontkivska, C.B. Blackwood, "Effects of gene birth and death in fungal glycosyl hydrolases on life history strategy," Poster Abstract, American Society for Microbiology 109th General Meeting, Philadelphia, (2009).

Ryee, E., L. Feinstein, C.B. Blackwood, "Shifts in gene expression and physiology of fungi growing on plant cell wall polymers in response to additions of different simple sugars," Poster Abstract, American Society for Microbiology 109th General Meeting, Philadelphia, (2009).

Antibus, D.E., L.G. Leff, C.B. Blackwood. "Microbiology of Ancient Algal Mats from the McMurdo Dry Valleys, Antarctica," Poster Abstract, American Society for Microbiology 109th General Meeting, Philadelphia, (2009).

Sprockett, D.D., H. Piontkivska, C.B. Blackwood, "Glycosyl Hydrolase Family 28: A Birth-and-Death Evolutionary Model in Fungi," Poster Abstract, 29th Midwest Ecology and Evolution Conference, Lincoln, NE, (2009).

CALDWELL, HEATHER

Peer-Reviewed Publications

H.K. Caldwell and W.S. Young, III, "Persistence of reduced aggression in vasopressin 1b receptor knockout mice on a more 'wild' background," *Physiology & Behavior*, 97: 131-134, (2009).

H.K. Caldwell, S.L. Stephens, W.S. Young, III, "Oxytocin as a natural antipsychotic: a study using oxytocin knockout mice," *Molecular Psychiatry*, 14: 190-196, (2009).

Book Chapters

H.K. Caldwell, S.R. Wersinger, W.S. Young, III, "The Role of the Vasopressin 1b Receptor in Aggression and Other Social Behaviors," *Progress in Brain Research*, 170: 65-72, (2009).

H-J. Lee, H.K. Caldwell, A.H. Macbeth, W.S. Young, III, "Behavioral Studies Using Temporal and Spatial Inactivation of the Oxytocin Receptor," *Progress in Brain Research*, 170: 73-77, (2009).

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O.E. Dike, H-J. Lee, and H.K. Caldwell (2009) Assessing sensorimotor gating deficits in mice lacking oxytocin receptors. Society for Neuroscience.

E.L. Stevenson, O.E. Dike, K. Storck, W.S. Young, III, H.K. Caldwell. (2009) Male vasopressin 1b receptor knockout mice are able to form dominance hierarchies. Society for Behavioral Neuroendocrinology.

H.K. Caldwell, A.H. Macbeth, W.S. Young, III. (2008) A Pet-1/vasopressin receptor double mutant has mild impairments in aggression and normal social recognition. Society for Neuroscience.

H. K. Caldwell, W.S. Young, III. (2008) Persistence of reduced aggression in vasopressin 1b receptor knockout mice on a more "wild" background. Society for Behavioral Neuroendocrinology.

CASE, ANDREA

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Wickley PJ, Yuge R, Martin BA, Mayer JC, Damron DS, "Propofol allosterically modulates and activates recombinant PKC ϵ ," *Anesthesiology* 111:36-43, (2009).

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Yuge R, Zhang H, Wickley PJ, Damron DS, "Propofol increases sensitivity of TRPV1 receptors via activation of PKC epsilon in mouse dorsal root ganglion neurons," *Anesth and Analg* 108:S-231, (2009).

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Breidenbaugh, M.S., K. Haagsma, M. Latham, F.A. de Szalay, "Efficacy of aerial spray applications using fuselage booms on Air Force C-130H aircraft against mosquitoes (Culicidae) and biting midges (Ceratopogonidae)," *Journal of the North American Mosquito Control Association*, 25, 467-473, (2009).

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Article

Michael Model, Jennifer Reese, Gail Fraizer, "Measurement of wheat germ agglutinin binding with a fluorescence microscope," *Cytometry PartA*, 75A:874-881, (2009).

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Kurtis Eiserman, Anton Bazarov, Adina Brett, Helen Piontkivska, Gail Fraizer “Evolutionary Conservation of transcription factor binding sites in promoters of genes important in prostate cancer” Proceedings of Ohio Conference on Computing and Bioinformatics, 2009 Ohio Collaborative Conference on Bioinformatics (OCCBIO 2009): 99-103.

Bhuwan Joshi, Ayan Chakrabarty, *Christopher Bruot*, *Hannah Ainsworth*, Gail Fraizer, and Qi-Huo Wei, "DNA-WT1 Protein Interaction Studied by Surface Enhanced Raman Spectroscopy", *Analytical and Bioanalytical Chemistry* (2009). DOI 10.1007/s00216-009-3364-x

Non-refereed publications

Kamini Singh, Kurtis Eisermann, Helen Piontkivska, Gail Fraizer, and Alexandru Almasan, “Cell cycle signaling networks in prostate cancer: E2F target genes play a predominant role in radiation response and are potentially co-regulated by p53 and WT1” In: "Handbook of Prostate Cancer Cell Research" Ed: Meredith A., NOVA Publishers, Hauppauge, NY (2009). (invited chapter)

Abstracts

Kurtis Eiserman, Anton Bazarov, Mustafa Moazam, Jennifer Reese, Adina Brett, Gail Fraizer, “The effect of WT1 expression on androgen regulation of VEGF in prostate cancer,” #540 American Association for Cancer Research, Denver, (2009).

Jennifer Reese, G Fraizer, “Regulation of WT1 by EGF signaling pathway in prostate cancer,” Endocrine Society, #P2-142, Washington DC, (2009).

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Kurtis Eiserman, Adina Brett, *Anton Bazarov*, *Sunpreet Tandon*, Helen Piontkivska, Gail Fraizer, “Evolutionary Conservation of transcription factor binding sites in promoters of genes expressed in prostate cancer “ #808 American Association for Cancer Research, San Diego (2008)

Kurtis Eiserman, *Anton Bazarov*, Mustafa Moazam, Jennifer Reese, Adina Brett, Gail Fraizer, “The effect of WT1 expression on androgen regulation of VEGF in prostate cancer “#540 American Association for Cancer Research, Denver (2009)

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Kurtis Eiserman, *Anton Bazarov*, Mustafa Moazam, Adina Brett, Gail Fraizer, “Androgen mediated regulation of VEGF in prostate cancer “Endocrine Society, #P1-100, Washington DC (2009)

Adina Brett, Kurtis Eisermann, Jennifer Reese and Gail Fraizer, ”WT1 and Wnt signaling in prostate cancer”, Society for Reproductive Biology, #, Pittsburgh, PA (2009)

FREEMAN, ERNEST

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Reduced symmetry in soft matter, Research Institute for Solid State Physics and Optics, Hungarian Academy of Sciences, Budapest, Hungary, April 7, 2009.

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KATRAMATOU, MINA

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KEANE, DECLAN

Conference Talks, Colloquia, Seminars

From the Bevalac to RHIC: Some Trends in Heavy-Ion Collisions, Nuclear Science Division Seminar, Lawrence Berkeley National Lab. (Heavy Ion Tea), Berkeley, CA, May 2008.

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STAR Perspectives for the RHIC Energy Scan, Symposium on Dense Baryonic Matter, Gesellschaft für Schwerionenforschung (GSI), Darmstadt, Germany, March 2009.

KUMAR, SATYENDRA

Publications

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NSF Overview and Proposal Writing, S. Kumar, Grant Proposal Writing Workshop, 2009, Kent State University, May 12 (2009).

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Incoherent Neutral Pion Photoproduction on ^{12}C , The Crystal ball at MAMI and A2 Collaboration: C.M. Tarbert, D.P. Watts, P. Aguar, J. Ahrens, J.R.M. Annand, H. J. Arends, R. Beck, V. Bekrenev, B. Boillat, A. Braghieri, D. Bransford, W.J. Briscoe, J. Brudvik, S. Cherepnaya, R. Codling, E.J. Downie, K. Foehl, D.I. Glazier, P. Grabmayr, R. Gregor, E. Heid, D. Hornidge, O. Jahn, V.L. Kashevarov, A. Knezevic, R. Kondratiev, M. Korolija, M. Kotulla, D. Krambrich, B. Krusche, M. Lang, V. Lisin, K. Livingston, S. Lugert, I.J.D. MacGregor, D.M. Manley, M. Martinez, J.C. McGeorge, D. Mekterovic, V. Metag, B.M.K. Nefkens, A. Nikolaev, R. Novotny, R.O. Owens, P. Pedroni, A. Polonski, S.N. Prakhov, J.W. Price, G. Rosner, M. Rost, T. Rostomyan, S. Schadmand, S. Schumann, D. Sober, A. Starostin, I. Supek, A. Thomas, M. Unverzagt, Th. Walcher, and F. Zehr, Phys. Rev. Lett. 100, 132301 [5 pages] (2008).

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C. Glashausser, J. Gomez, V. Gorbenko, P. Grenier, P.A.M. Guichon, J.O. Hansen, R. Holmes, M. Holtrop, C. Howell, G.M. Huber, C.E. Hude, S. Incerti, M. Iodice, J. Jardillier, M.K. Jnes, W. Kahl, S. Kamalov, S. Kato, A.T. Katramatou, J.J. Kelly, S. Kerhoas, A. Ketikyan, M. Khayat, K. Kino, S. Kox, L.H. Kramer, K. S. Kumar, G. Kumbartzki, M. Kuss, A. Leone, J. J. LeRose, M. Liang, R. A. Lindgren, N. Liyanage, G. J. Lolos, R. W. Lourie, R. Madey, K. Maeda, S. Malov, D. M. Manley, C. Marchand, D. Marchand, D. J. Margaziotis, P. Markowitz, J. Marroncle, J. Martino, K. McCormick, J. McIntyre, S. Mehrabyan, F. Merchez, Z. E. Meziani, R. Michaels, G. W. Miller, J. Y. Mougey, S. K. Nanda, D. Neyret, E. A. J. M. Offermann, Z. Papandreou, C. F. Perdrisat, R. Perrino, G. G. Petratos, S. Platchkov, R. Pomatsalyuk, D. L. Prout, V. A. Punjabi, T. Pussieux, G. Qu'emen'er, R. D. Ransome, O. Ravel, J. S. Real, F. Renard, Y. Roblin, D. Rowntree, G. Rutledge, P. M. Rutt, A. Saha, T. Saito, A. J. Sarty, A. Serdarevic, T. Smith, G. Smirnov, K. Soldi, P. Sorokin, P. A. Souder, R. Suleiman, J. A. Templon, T. Terasawa, L. Tiator, R. Tieulent, E. Tomasi-Gustaffson, H. Tsubota, H. Ueno, P. E. Ulmer, G. M. Urciuoli, R. Van De Vyver, R. L. J. Van der Meer, P. Vernin, B. Vlahovic, H. Voskanyan, E. Voutier, J. W. Watson, L. B. Weinstein, K. Wijesooriya, R. Wilson, B. B. Wojtsekhowski, D. G. Zainea, W.-M. Zhang, J. Zhao, and Z.-L. Zhou, Phys. Rev. C 79, 015201 [18 pages] (2009).

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 “Line Tension and the Nature of the Boundary in a Pure Model System”
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Elizabeth K. Mann, Lu Zou, Jacob R. Wintersmith, Andrew J. Bernoff, James C.
 Alexander, J. Adin Mann, Jr., Prem Basnet, Edgar E. Kooijman “Determination of Inter-
 Phase Line Tension in Langmuir Films” BAPS 2008 March Meeting, Y8.00011.

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Bhatta, P. Mandel, D. Allender, E. K. Mann, E. E. Kooijman, A. J. Bernoff, “Phase
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PETRATOS, GERASSIMOS (continued)

Conference/Workshop Presentations

The Eternal Few-Body form Factors (with exciting new JLab results). Invited talk at the 2009 Jefferson Lab Users Group Meeting, Newport News, Virginia, June 2009.

J Lab Few body form Factor Measurements. Invited talk at the 2009 Spring Meeting of the American Physical Society, Denver, Colorado, May 2009.

PORTMAN, JOHN

Publications

Swandendu Tripathi and John J. Portman “Inherent flexibility determines the transition mechanisms of the EF-hands of Calmodulin”, Proc. Natl. Acad. Sci. USA 106:2104-2109 (2009).

Presentations

“Mechanisms controlling conformational changes of flexible proteins,” KSU Spring 2009 Science Symposium, May 2009.

“The Dynamics of Flexible Protein Molecules: Folding and Allosteric Transitions,” Akron Physics Club, Jan. 2009.

QUADER, KHANDKER

Publications

Cold Fermions with Mismatched Fermi Surface near BEC-BCS Crossover, Frontiers in Condensed Matter IV, Atomic Energy Commission, Buenos Aires, Argentina, December, 2008.

QUADER, KHANDKER (continued)

Invited Talks at Conferences/Workshops

p-wave Pairing in Fermi Systems with Mismatched Fermi Surfaces: Are Breached Pairs Possible ? 32nd Int. Workshop in Cond Matter Theories/Ultra Low Temp Conference, Loughborough University, United Kingdom, August 14, 2008.

Invited Colloquia and Seminars:

Overview of Interactions and Pairing in Cold Fermion Systems, Special Particle Physics Seminar, Dept of Physics, Carnegie-Mellon University, November, 2008.

SCHROEDER, ALMUT

Published Abstracts

B. Zoghbi, A. Schroeder, Y. Qiu: "Quantum critical fluctuations in the heavy fermion compound CeNi₂Ge₂, PF1.9 ACNS 2008 (Materials Research Society)

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Presentations at Scientific Meetings

M. Chambers, J. T. Gleeson, S. Sprunt, A. Jakli, “Calamitic liquid crystal elastomers swollen with bent-core liquid crystals”, contributed talk at APS March meeting, New Orleans, LA (2008). K. Neupane, S. Kang, S. Sharma, D. Carney, T. Meyer, G. Mehl, D. W. Allender, S. Kumar, S. Sprunt, “Light scattering study of biaxiality in nematic liquid crystal tetrapodes”, contributed talk at APS March meeting, New Orleans, LA (2008).

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S. Kumar, S. Kang, B. Acharya, V. Prasad, G. Mehl, S. Sprunt, “Thermotropic biaxial nematic phase of bent-core and tetrapodic mesogens”, invited talk at the 22nd International Liquid Crystal Conference, Jeju, Korea (2008).

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