

**College of Agriculture and USU Extension**  
**Faculty and Staff Activities and Achievements**  
**May 2012**

**Articles**

Sang-Im Yun and Young-Min Lee, Department of Animal, Dairy, and Veterinary Sciences, College of Agriculture; Lee, Published an article: T.H., Song, B.H., Yun, S.I., Woo, H.R., Lee, Y.M., Diamond, M.S., and Chung, K.M. (2012) A cross-protective mAb recognizes a novel epitope within the flavivirus NS1 protein. *Journal of General Virology* 93(1), 20-26.

Scott Jones, Department of Plants, Soils & Climate, Journal article. D.A. Robinson, N. Hockley, E. Dominati, I. Lebron, K.M. Scow, B. Reynolds, B.A. Emmett, A.M. Keith, L.W. de Jonge, P. Schjøning, P. Moldrup, S.B. Jones, and M. Tuller. 2012. Natural Capital, Ecosystem Services, and Soil Change: Why Soil Science must Embrace an Ecosystems Approach. *Vadose Zone J.* 11(1) doi: 10.2136/vzj2011.0051.

Scott Jones, Department of Plants, Soils & Climate, Journal article. Jones, S.B., D. Or, R. Heinse and M. Tuller. 2012. Beyond Earth: Designing Root Zone Environments for Reduced Gravity Conditions. *Vadose Zone J.* 11(1) doi:10.2136/vzj2011.0081.

**Awards and Honors**

Bo Yang, Department of Landscape Architecture and Environmental Planning, College of Agriculture, was honored at the Council of Educators in Landscape Architecture Conference in March as the 2012 Landscape Architecture Foundation Research Fellow.

Sean Michael Department of Landscape Architecture and Environmental Planning, College of Agriculture, was named President-Elect of the Council of Educators in Landscape Architecture (CELA).

Young-Min Lee, Department of Animal, Dairy, and Veterinary Sciences, College of Agriculture, Editorial board member for *Advances in Virology* (an international, peer-reviewed, open-access journal), Published by Hindawi Publishing Corporation, Appointed March 2012.

Young-Min Lee, Department of Animal, Dairy, and Veterinary Sciences, College of Agriculture, Academic editor for *PLoS ONE* (an international, peer-reviewed, open-access journal), Published by Public Library of Science.

Young-Min Lee, Department of Animal, Dairy, and Veterinary Sciences, College of Agriculture, Editorial board member for *Journal of Microbiology* (an international, peer-reviewed journal), Published by the Microbiological Society of Korea, Appointed January 2012 - December 2014.

Young-Min Lee, Department of Animal, Dairy, and Veterinary Sciences, College of Agriculture, Editorial board member (Virology Section) for *Journal of Bacteriology and Virology* (a peer-reviewed journal), Published by the Korean Society for Microbiology and the Korean Society of Virology, Appointed January 2012.

Rebecca Mills, Sevier County Extension, received the New Educator Award from Utah Extension Association of Family and Consumer Sciences, UEAFCF Annual Meeting, March 7, 2012.

Rebecca Mills, Sevier County Extension, received the Peer Recognition Award from Utah Extension Association of Family and Consumer Sciences, UEAFCF Annual Meeting, March 7, 2012.

Rebecca Mills, Sevier County Extension, received the Florence Hall Award (Team) from Utah Extension Association of Family and Consumer Sciences, UEAFCF Annual Meeting, March 7, 2012.

Rebecca Mills, Sevier County Extension, received the Human Development/Family Relationships Award (Team) from Utah Extension Association of Family and Consumer Sciences, UEAFCF Annual Meeting, March 7, 2012.

Roger Kjelgren, Department of Plants, Soils & Climate, awarded the Jefferson Science Fellowship for working with the State Department and USAID to help them translate science into policy.

### **Contracts and Grants**

Hunter, Britney and Shawn Olsen, Department of Extension, College of Agriculture, (2011). The Davis County Commission awarded \$500 for the following proposal: "USU Botanical Center Children's Garden Development."

### **Presentations**

Bo Yang and Amanda Goodwin (graduate student), Department of Landscape Architecture and Environmental Planning, College of Agriculture, presented a paper titled, "Water Conservation in Master-Planned Communities in Desert Environments" at the Council of Educators in Landscape Architecture Conference at University of Illinois at Urbana-Champaign, Illinois, March 28-31, 2012.

Bo Yang and Shujuan Li, Department of Landscape Architecture and Environmental Planning, College of Agriculture, presented a paper titled, "Web-Enhanced Teaching of Landscape Architecture Digital Graphics: An Evaluation of Benefits and Challenges" at the Council of Educators in Landscape Architecture Conference at University of Illinois at Urbana-Champaign, Illinois, March 28-31, 2012.

Ben George and Sean Michael, Department of Landscape Architecture and Environmental Planning, College of Agriculture presented, Take me there: Situated cognition and virtual tours in landscape architecture history curricula at the 2012 Council of Educators in Landscape Architecture Annual Meeting, University of Illinois at Urbana-Champaign, Illinois, March 28-31, 2012.

Caroline Lavoie and Carlos Licon, Department of Landscape Architecture and Environmental Planning, College of Agriculture, presented "Large urban systems in a remote location: an exercise in mapping." at the Council of Educators in Landscape Architecture Conference at University of Illinois at Urbana-Champaign, Illinois, March 28-31, 2012.

Carlos Licon, Department of Landscape Architecture and Environmental Planning, College of Agriculture, advised two undergraduate honors students, Natalie Watkins and Laura Reyes who presented posters at the 2012 Undergraduate Research Week Student Showcase, at Utah State University, April 3, 2012.

David Bell and 15 student team leaders, Department of Landscape Architecture and Environmental Planning, College of Agriculture, presented the findings and design proposal posters of the 2012 LAEP Charrette to the Bear River Association of Governments.

Shujuan Li, Department of Landscape Architecture and Environmental Planning. Planned and Self-organizing Urban Development in China. Invited talk. The Consortium for Research on China and Asia (CROCA), University of Utah, March 9, 2012.

Hall, K., Meyers, C., Doerfert, D., Akers, C., & Johnson, P. (2012, April). Factors influencing membership in community supported agriculture in Texas. Proceedings of the Western Region Agricultural Education Conference, Bellingham, WA.

Hall, K., & Adams, T. (2012). Exploring the use of a course management system for online academic advising. Referred poster session at the North American Colleges and Teachers of Agriculture Conference, River Falls, WI.

Hall, K., & Ulmer, J. (2012, April). Using peer review experiences to improve critical thinking in writing. Referred poster session presented at the Western Region Agricultural Education Conference, Bellingham, WA.

Lewis, S., & Hall, K. (2012, March). A qualitative framing analysis of eminent domain issues in Mountain West newspapers. Research poster presented at College of Humanities and Social Sciences Research Symposium, Logan, UT.

Hall, K., Brain, R. (2012, February). Effective marketing strategies for establishing and sustaining a CSA. Diversified Agriculture Conference, Utah State University Cooperative Extension, USDA Risk Management Agency, Western Extension Marketing Committee, Layton, UT.

Hall, K. (2012, February). Marketing your business and product. Artisan Dairy Day, Utah State University Cooperative Extension and Western Dairy Center, Logan, UT.

Young-Min Lee, Department of Animal, Dairy, and Veterinary Sciences, College of Agriculture, presented a paper titled, "Flaviviruses & Arteriviruses: Replication and Pathogenesis" at the USU Center for Integrated Biosystems, Utah State University, February 23, 2012.

Young-Min Lee, Department of Animal, Dairy, and Veterinary Sciences, College of Agriculture, presented a paper titled, "Cis- and Trans-Acting Elements Required for Japanese Encephalitis Virus Replication" at the Medical School Conference, Chungbuk National University, Cheongju, South Korea, March 06, 2012.

Paul Hill, Washington County Extension, presented “An Introduction to Using Google Docs in Extension” at the USU Extension Annual Conference, Logan, UT, March 7-8, 2012. (Presented twice)

Paul Hill, Washington County Extension, presented “Crowdsourcing with Google Forms” at the USU Extension Annual Conference, Logan, UT, March 7-8, 2012.

Paul Hill, Washington County Extension, presented “Crowdsourcing with Google Forms” at the Western Region 4-H Science Academy, UC Davis, CA, March 26-28, 2012.

Rebecca Mills, Sevier County Extension, presented “New Agent Grant Report: Recycling Education Initiative” at the Best Practices Session, USU Extension Annual Conference, March 8, 2012.

Rebecca Mills, Sevier County Extension, presented “USU Extension: A Resource in Recycling and Sustainability for Residents, Communities, and Organizations” at the Intermountain Sustainability Summit, Weber State University, March 7, 2012.

Rebecca Mills, Sevier County Extension, presented “Pay it Forward Volunteer Recruitment Model” at the Agent Update Session, Utah Extension Association of Family and Consumer Sciences Annual Inservice Meetings, Thanksgiving Point, Utah, March 28, 2012.

Hunter, Britney, Shawn Olsen, and Brent Black, Department of Extension, College of Agriculture, (2012). Involving the Public in Cultivar Evaluation Research. Presented at the Utah State University Annual Extension Conference, Logan, UT.

Hunter, Britney, Shawn Olsen, and Brent Black, Department of Extension, College of Agriculture, (2012). Involving the Public in Cultivar Evaluation Research. Presented at the 9<sup>th</sup> Annual Diversified Agriculture Conference, Layton, UT.

Benninghoff, A.D., Hagman, A.M., Shorey, L.E., and Williams, D.E. (2012) Anticancer effects of 3,3'-diindolylmethane (DIM) in multiple T-cell acute lymphoblastic leukemia/lymphoma (T-ALL) cell lines. American Association for Cancer Research 103rd Annual Meeting, Chicago, Illinois, March 31-April 4.

Wilson DJ: Utilization of the new bovine pregnancy test offered at the Utah Veterinary Diagnostic Laboratory. (Invited presentation) Utah Dairy Convention, St. George, UT, 2012.

## **Publications**

Kathy Allen, Pam George and Monica Schruhl (staff), Department of Landscape Architecture and Environmental Planning, College of Agriculture, self-published “In-Sites 2012” the departmental annual magazine in both hardcopy and e-reader format for the departmental webpage.

Kitchel, T., Smith, A. R., Ball, A., Robinson, J. S., Lawver, R. G., Park, T. D., Schell, A. (2012). Teacher Job Satisfaction and Burnout Viewed through Social Comparisons. *Journal of Agricultural Education*, 53(1), 31–44. doi: 10.5032/jae.2012.01031

Paul Hill, Washington County Extension published a factsheet: Real, Fast, Feedback: A Guide to Using Survey Websites. St. George, UT, March 2012.

Hintze, K.J., Benninghoff, A.D. and Ward, R.E. (2012) Formulation of the Total Western Diet (TWD) as a basal diet for rodent cancer studies. *Journal of Agricultural and Food Chemistry*. DOI: 10.1021/jf204509a

Shorey, L.E., Williams, D.E., Ho, E., Dashwood, R.H. and Benninghoff, A.D. (2012) 3,3'-Diindolylmethane induces G1 arrest and apoptosis in human acute T-cell lymphoblastic leukemia cells. *PLoS ONE*. DOI: 10.1371/journal.pone.0034975