

May 24, 2017

TO: UF/IFAS Faculty

FROM: Jackie K. Burns

SUBJECT: 2017 Announcement of High Impact Awardees

We recently requested that each unit submit examples of UF/IFAS “high impact” research publications. Our goal in doing this was to recognize and celebrate the very significant and important impacts IFAS research is having on advancing science and addressing important societal needs. The response and the publications were truly impressive.

We are pleased to announce this year’s winners who were recognized at this year’s awards ceremony!

**The Awarded 2017 High Impact Publications are:**

**UF Authors:** Jaclyn Kropp, Kelly Grogan, and Anne Mathews

**Submitting Unit:** Food & Resource Economics

**Citation:** Miller, G. F., S. Gupta, J. D. Kropp, K. A. Grogan, and A. Mathews. 2016. The Effects of Pre-Ordering and Behavioral Nudges on National School Lunch Program Participants’ Food Item Selection. *Journal of Economic Psychology* 55: 4–16.

**UF Authors:** Frank Mazzotti, Jeffrey Beauchamp, Mike Rochford, and Brian Smith

**Submitting Unit:** Ft. Lauderdale Research & Education Center

**Citation:** Mazzotti, F. J., M. S. Cherkiss, M. Parry, J. Beauchamp, M. Rochford, B. Smith, K. Hart, and L. A. Brandt. 2016. Large Reptiles and Cold Temperatures: Do Extreme Cold Spells Set Distributional Limits for Tropical Reptiles in Florida? *Ecosphere* 7 (8): e01439.

**UF Authors:** Rafael Muñoz-Carpena and Ismael Rodea-Palomares

**Submitting Unit:** Agricultural & Biological Engineering

**Citation:** Rodea-Palomares, I., M. Gonzalez-Pleiter, S. Gonzalo, R. Rosal, F. Leganes, S. Sabater, M. Casellas, R. Muñoz-Carpena and F. Fernández-Piñas. 2016. Hidden Drivers of Low-Dose Pharmaceutical Pollutant Mixtures Revealed by the Novel GSA-QHTS Screening Method. *Science Advances* 2: e1601272.

**UF Authors:** Senthold Asseng and Gerrit Hoogenboom

**Submitting Unit:** Agricultural & Biological Engineering

**Citation:** Asseng, S., F. Ewert, P. Martre, R. P. Rötter, D. B. Lobell, D. Cammarano, B. A. Kimball, M. J. Ottman, G. W. Wall, J. W. White, M. P. Reynolds, P. D. Alderman, P. V. V. Prasad, P. K. Aggarwal, J. Anothai, B. Basso, C. Biernath, A. J. Challinor, G. De Sanctis, J. Doltra, E. Fereres, M. Garcia-Vile, S. Gayler, G. Hoogenboom, L. A. Hunt, R. C. Izaurralde, M. Jabloun, C. D. Jones, K. C. Kersebaum, A-K. Koehler, C. Müller, S. Naresh Kumar, C. Nendel, G. O'Leary, J. E. Olesen, T. Palosuo, E. Priesack, E. E. Rezaei, A. C. Ruane, M. A. Semenov, I. Shcherbak, C. Stöckle, P. Stratonovitch, T. Streck, I. Supit, F. Tao, P. J. Thorburn, K. Waha, E. Wang, D. Wallach, J. Wolf, Z. Zhao, and Y. Zhu. 2015. Rising Temperatures Reduce Global Wheat Production. *Nature Climate Change* 5: 143-147.

**UF Authors:** Yifeng Yuan, Geoffrey Hutinet, and Valerie de Crécy-Lagard

**Submitting Unit:** Microbiology & Cell Science

**Citation:** Thiaville J. J., S. M. Kellner, Y. Yuan, G. Hutinet, P. C. Thiaville, W. Jumpathong, S. Mohapatra, C. Brochier-Armanet, A. V. Letarov, R. Hillebrand, C. K. Malik, C. J. Rizzo, P. C. Dedon, and V. de Crécy-Lagard. 2016. Novel Genomic Island Modifies DNA with 7-Deazaguanine Derivatives. *Proceedings of the National Academy of Sciences of the United States of America* 113 (11): E1452-E1459.

**UF Authors:** Sutie Xu, Maria Lucia Silveira, Kanika S. Inglett, Lynn E. Sollenberger, and Stefan Gerber

**Submitting Unit:** Range Cattle Research & Education Center

**Citation:** Xu, S., M. L. Silveira, K. S. Inglett, L. E. Sollenberger, and S. Gerber. 2016. Effect of Land-Use Conversion on Ecosystem C Stock and Distribution in Subtropical Grazing Lands. *Plant and Soil* 399: 233-245.

**UF Authors:** S. Luke Flory, Phil Harmon, and Erica Goss

**Submitting Unit:** Agronomy

**Citation:** Stricker, K. B., P. F. Harmon, E. M. Goss, K. Clay, and S. L. Flory. 2016. Emergence and Accumulation of Novel Pathogens Suppress an Invasive Species. *Ecology Letters* 19: 469-477.

**UF Authors:** Brett Scheffers

**Submitting Unit:** Wildlife Ecology & Conservation

**Citation:** Scheffers, B. R., L. De Meester, T. C. L. Bridge, A. A. Hoffmann, J. M. Pandolfi, R. T. Corlett, S. H. M. Butchart, P. Pearce-Kelly, K. M. Kovacs, D. Dudgeon, M. Pacifici, C. Rondinini, W. B. Foden, T. G. Martin, C. Mora, D. Bickford, and J. E. M. Watson. 2016. The Broad Footprint of Climate Change from Genes to Biomes to People. *Science* 354 (6313): aaf7671.

**UF Authors:** Phillip Kaufman

**Submitting Unit:** Entomology & Nematology

**Citation:** Davis, T. J., D. L. Kline, and P. E. Kaufman. 2016. *Aedes Albopictus* (Diptera: Culicidae) Oviposition Preference as Influenced by Container Size and *Buddleja Davidii* Plants. *Journal of Medical Entomology* 53: 273-278.