

**ARD Hatch Multistate Awards  
Applications Submitted January 2016**

Updated September 6, 2016

	Project Director	Other Investigators	Unit	Title of Project	Project Start Date	Project End Date	Total Amount Awarded
<b>Supplemental Awards:</b>							
1	Burbach, Mark		School of Natural Resources	NC1190 Catalysis for Water Resources Protection and Restoration: Applied Social Science Research	10/01/2016	09/30/2021	\$49,680
2	Drijber, Rhae		Agronomy & Horticulture	NC_TEMP1195: Enhancing nitrogen utilization in corn based cropping systems to increase yield, improve profitability and minimize environmental impacts (NC1032/218)	10/01/2016	09/30/2021	\$50,000
<b>Enhanced Awards:</b>							
1	Ciftci, Ozan	Zhang, Yue; Hutkins, Robert; Wehling, Randy; Rose, Devin; Zhang, Jian	Food Science & Technology	NC1023: Nanoparticle formation for efficient utilization of the lipophilic bioactives to improve food safety and quality	10/01/2016	09/30/2020	\$362,897
2	Cupp, Andrea	Petersen, Jessica; Fernando, Samodha; Wood, Jennifer; Yates, Dustin	Animal Science	W3112: Effect of Excess Androgen on Metabolic, Immune and Reproductive Function in Beef Cows	10/01/2016	09/30/2021	\$450,000
3	Dev, Dipti	Williams, Natalie; Gustafson, Christopher; Pitla, Santosh; Guru, Ashu; Anderson-Knott, Mindy; Boeckner, Linda	Child Youth & Family Studies/Ag Economics/Biological Systems Engineering/Computer Science Engineering/Social & Behavioral Sciences Consortium/Nutrition and Health Sciences	NC_TEMP1196: Food systems, health, and well-being: understanding complex relationships and dynamics of change	10/01/2016	09/30/2021	\$375,000
4	Fulginiti, Lilyan	Perrin, Richard	Ag Economics	NC1034: Impact Analyses and Decision Strategies for Agricultural Research (NC1034)	10/01/2016	09/30/2021	\$67,000
5	Markham, Jonathan	Roston, Rebecca; Cahoon, Edgar; Clemente, Thomas; Louis, Joe	Biochemistry/Agronomy & Horticulture/ Entomology	NC_TEMP1203: A cross-disciplinary platform for plant lipid synthetic biology	10/01/2016	09/30/2021	\$499,182
6	Petersen, Jessica	Yates, Dustin; Schmidt, Ty	Animal Science	W2173: A physiological, molecular, and whole-animal evaluation of the impact of stress on animal well-being and performance	10/01/2016	09/30/2021	\$500,000
7	Ray, Chittaranjan	Snow, Daniel	Water Center/School of Natural Resources	W3045: Agrochemical Impacts on Human and Environmental Health: Mechanisms and Mitigation	10/01/2016	09/30/2020	\$296,690
8	Wu-Smart, Judy	Golick, Douglas; Weissling, Thomas; Peterson, Julie; Koehler-Cole, Katja; Banerjee, Simanti	Entomology/Agronomy & Horticulture/Ag Economics	NE1501: Sustainable landscape solutions to reduce pesticide exposure and promote establishment of beneficial insect and pollinator communities in agricultural areas	10/01/2016	09/30/2020	\$300,000
9	Yates, Dustin	Petersen, Jessica; Schmidt, Ty	Animal Science	NC1184: Developmental origins of impaired muscle growth in food animals	10/01/2016	09/30/2020	\$400,000
<b>Success Rates:</b>							
<b>Supplemental Awards:</b>							
2 awards/2 applications = 100% success							
<b>Enhanced Awards:</b>							
9 awards/12 applications = 75% success							