

| FY 19 Proposals             |  |                                |   |                                |                 |                        |  |                   |                 |
|-----------------------------|--|--------------------------------|---|--------------------------------|-----------------|------------------------|--|-------------------|-----------------|
| Lead PI                     | Co PIs   | LPI Home Dept                  | Title   | Award Admin Dept               | Total Requested | Proposal Approval Date | Direct Sponsor   | Budget Begin Date | Budget End Date |
| Anderson Steeves, Elizabeth | Zimmer, Meghan Cassidy;                          | Nutrition                      | Online Shopping with WIC: A Pilot Intervention to Assess Customer Experiences and Opinions  | Nutrition                      | \$10,000        | 04/30/2019             | University of Tennessee Research Foundation (UTRF)                                   | 06/01/2019        | 05/31/2020      |
| Aydeniz, Mehmet             |  | Theory & Practice in Teacher E | Basic Aerospace Education - 2019  | Theory & Practice in Teacher E | \$48,276        | 10/15/2018             | Tennessee Department of Transportation-Aeronautics Division                          | 01/01/2019        | 12/31/2019      |
| Aydeniz, Mehmet             |  | Theory & Practice in Teacher E | Advanced Aeronautics Education - 2019   | Theory & Practice in Teacher E | \$23,517        | 10/15/2018             | Tennessee Department of Transportation-Aeronautics Division                          | 01/01/2019        | 12/31/2019      |
| Barroso, Cristina           | Andsager, Julie; Anderson Steeves, Elizabeth;    | Public Health                  | Characterizing the Beverage Environment of Central Appalachian Children: Obesity, Sugar-Sweetened Beverages, and Safe Drinking Water  | Public Health                  | \$107,076       | 01/15/2019             | University of Tennessee Foundation   | 07/01/2019        | 06/30/2021      |
| Benjamin, Stefanie          |  | Retail, Hospitality, and Touri | Crafting a New Narrative: Exploring Female Brewers' Representation in the Southeastern Craft Beer Industry  | Retail, Hospitality, and Touri | \$16,279        | 10/31/2018             | Alliance of Women Philanthropists - Giving Circle                                    | 08/01/2019        | 07/31/2020      |
| Bertling, Joy               |  | Theory & Practice in Teacher E | U.S. Art Teacher Education in the Age of the Anthropocene   | Theory & Practice in Teacher E | \$10,000        | 08/10/2018             | National Art Education Foundation (NAEF)   | 07/01/2018        | 06/30/2019      |
| Bettaieb, Ahmed             |  | Nutrition                      | Soluble epoxide hydrolase inhibition: a new approach to treat diabetes  | Nutrition                      | \$1,625,000     | 07/02/2018             | American Diabetes Association  | 01/01/2019        | 12/31/2023      |
| Bettaieb, Ahmed             | Campagna, Shawn; May, Amanda; Langston, Michael; | Nutrition                      | Maternal dietary programming of adipogenic potential and fat accretion  | Nutrition                      | \$1,197,087     | 10/03/2018             | HHS - NIH - National Institutes of Health  | 07/01/2019        | 06/30/2023      |
| Bettaieb, Ahmed             | Colby, Sarah; Cooper, Matthew;                   | Nutrition                      | Novel approaches to study obesity and the relationship between weight gain, physical activity, and stress.  | Nutrition                      | \$2,864,491     | 10/05/2018             | HHS - NIH - National Institutes of Health  | 07/01/2019        | 06/30/2024      |
| Bettaieb, Ahmed             | Donohoe, Dallas;                                 | Nutrition                      | Targeting soluble epoxide hydrolase as a potential treatment for diabetes   | Nutrition                      | \$3,042,634     | 10/05/2018             | HHS - NIH - NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases | 07/01/2019        | 06/30/2024      |
| Bettaieb, Ahmed             |  | Nutrition                      | Shikonin, a potential natural anti-obesity compound, suppresses abdominal fat accumulation and promote the browning of white adipose tissue through the activation of AMPK. | Nutrition                      | \$453,000       | 06/24/2019             | HHS - NIH - NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases | 09/01/2020        | 08/31/2023      |
| Bettaieb, Ahmed             |  | Nutrition                      | Soluble epoxide hydrolase inhibitors as a potential treatment for diabetes  | Nutrition                      | \$302,000       | 04/04/2019             | DOD - Army - MPMC - Medical Research and Materiel Command                            | 09/01/2020        | 08/31/2022      |
| Biddix, James               | Davidson, Christopher;                           | Educational Leadership & Polic | Evaluating a High Impact Intervention to Reduce Summer Melt and Increase College Readiness in Tennessee   | Educational Leadership & Polic | \$2,301,353     | 08/31/2018             | ED - IES - Institute of Education Sciences   | 08/01/2019        | 07/31/2022      |
| Biddix, James               |  | Educational Leadership & Polic | Attitudes toward post secondary education in Tennessee  | Educational Leadership & Polic | \$12,500        | 11/12/2018             | Alliance of Women Philanthropists - Giving Circle                                    | 03/01/2019        | 02/29/2020      |
| Biddix, James               | Davidson, Christopher;                           | Educational Leadership & Polic | Attitudes Toward Postsecondary Education in Tennessee's Free Tuition Environment  | Educational Leadership & Polic | \$50,000        | 02/01/2019             | Spencer Foundation   | 07/01/2019        | 06/30/2021      |
| Brewer, Ernest              |  | CAPS Outreach Center           | Math Science Upward Bound Supplement 2018-2019  | CAPS Outreach Center           | \$40,000        | 07/16/2018             | ED - US Dept. of Education   | 11/01/2018        | 10/30/2019      |

| FY 19 Proposals    |   |                                |   |                                  |                 |                        |  |                   |                 |
|--------------------|---|--------------------------------|---|----------------------------------|-----------------|------------------------|--|-------------------|-----------------|
| Lead PI            | Co PIs  | LPI Home Dept                  | Title   | Award Admin Dept                 | Total Requested | Proposal Approval Date | Direct Sponsor   | Budget Begin Date | Budget End Date |
| Brewer, Ernest     |   | CAPS Outreach Center           | Pre-Collge Upward Bound Supplement 2018-2019  | CAPS Outreach Center             | \$40,000        | 07/16/2018             | ED - US Dept. of Education   | 09/01/2018        | 08/31/2019      |
| Brewer, Ernest     |   | CAPS Outreach Center           | Academic Enrichment Upward Bound Supplement 2018-2019   | CAPS Outreach Center             | \$40,000        | 07/16/2018             | ED - US Dept. of Education   | 06/01/2018        | 05/31/2019      |
| Brown, Kathleen    |   | Public Health                  | Integrated Food Safety Centers of Excellence Collaboration  | Public Health                    | \$71,980        | 01/22/2019             | Tennessee Department of Health   | 08/01/2018        | 07/31/2019      |
| Chen, Guoxun       |   | Nutrition                      | Encapsulation of probiotics for delivery in yogurt to manipulate gut microbiome and health  | Nutrition                        | \$116,634       | 08/09/2018             | USDA - NIFA - National Institute of Food and Agriculture                             | 01/01/2019        | 12/31/2021      |
| Chen, Guoxun       |   | Nutrition                      | Determining the role of dietary vitamin A amount in the development of hepatic insulin resistance at gene expression during overeating conditions | Nutrition                        | \$427,184       | 10/18/2018             | HHS - NIH - NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases | 07/01/2019        | 06/30/2022      |
| Chen, Guoxun       |   | Nutrition                      | Antibody tools for investigating skeletal muscle differentiation and glycogen metabolism during the development of obesity and diabetes.          | Nutrition                        | \$25,000        | 01/28/2019             | University of Iowa   | 07/01/2019        | 06/30/2020      |
| Chen, Guoxun       |   | Nutrition                      | Determining the role of dietary vitamin A amount in the development of hepatic insulin resistance at gene expression during overeating conditions | Nutrition                        | \$423,972       | 06/24/2019             | HHS - NIH - NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases | 04/01/2020        | 03/31/2023      |
| Chen, Jiangan      | Zhao, Ling;   | Public Health                  | Early Life 3, 4, 4'-trichlorocarbanilide Exposure and Clostridium Difficile Infection   | Public Health                    | \$388,418       | 10/19/2018             | HHS - NIH - National Institutes of Health  | 07/01/2019        | 06/30/2022      |
| Chen, Jiangan      | Zhao, Ling;   | Public Health                  | Early Life 3, 4, 4'-trichlorocarbanilide Exposure and Clostridium Difficile Infection   | Public Health                    | \$424,150       | 06/25/2019             | HHS - NIH - National Institutes of Health  | 02/01/2020        | 01/31/2023      |
| Cihak, David       | Mells, Demetria Denise; Bell, Sherry;   | Office of Professional Licensu | Increasing Teacher Equity to Address Community High Needs (I-TEACH)   | Coll of Education, Hlth, & Human | \$100,000       | 04/08/2019             | Tennessee Higher Education Commission  | 07/01/2019        | 06/30/2021      |
| Coe, Dawn          |   | Kinesiology Recreation & Sport | Observation of Youth with Disabilities during Physical Education Class and Recess   | Kinesiology Recreation & Sport   | \$1,345         | 04/08/2019             | North American Society for Pediatric Exercise Medicine (NASPEM)                      | 06/01/2019        | 05/31/2020      |
| Colby, Sarah       |   | Nutrition                      | Cultivating Change: Sustainable Agriculture and Food Systems for Health through an Integrated Innovation-Centered, Community-Based Approach       | Nutrition                        | \$672,404       | 10/09/2018             | University of Florida (UF)   | 07/01/2019        | 06/30/2024      |
| Colby, Sarah       | Kohring, Aaron; Cheek, Jimmy; Yamagata-Lynch, Lisa; Kintziger, Kristina; Childs, Michelle; Yoon, Borham; Lim, Heejin; Zhou, Wenjun; | Nutrition                      | Fruved to Farm: Young People Creating Innovations to Improve Sustainable Agricultural Systems   | Nutrition                        | \$9,048,204     | 10/16/2018             | USDA - AFRI  | 08/01/2019        | 07/31/2024      |
| Colby, Sarah       |   | Nutrition                      | Model Me- A Dietary Intervention for Mothers of Adolescent Daughters  | Nutrition                        | \$83,396        | 12/11/2018             | HHS - NIH - National Institutes of Health  | 08/01/2019        | 05/31/2021      |
| Cowherd, Stephanie |   | Center for Literacy, Educ & Em | TN DHS/DRS 2019-2020  | Center for Literacy, Educ & Em   | \$797,059       | 04/30/2019             | Tennessee Department of Human Services, Division of Rehabilitation Services          | 10/01/2019        | 09/30/2020      |
| Crawford, Lisa     |   | Center for Literacy, Educ & Em | Coordinated School Health Events  | Center for Literacy, Educ & Em   | \$262,662       | 10/29/2018             | Tennessee Department of Education  | 07/01/2018        | 06/30/2021      |

| FY 19 Proposals  |  |                                |   |                                  |                 |                        |  |                   |                 |
|------------------|--|--------------------------------|---|----------------------------------|-----------------|------------------------|--|-------------------|-----------------|
| Lead PI          | Co PIs   | LPI Home Dept                  | Title   | Award Admin Dept                 | Total Requested | Proposal Approval Date | Direct Sponsor   | Budget Begin Date | Budget End Date |
| Crawford, Lisa   |  | Center for Literacy, Educ & Em | State Personnel Development Grant (SPDG) Amendment  | Center for Literacy, Educ & Em   | \$70,794        | 05/16/2019             | Tennessee Department of Education                          | 05/20/2019        | 06/30/2019      |
| Crouter, Scott   |  | Kinesiology Recreation & Sport | II: Medium: Collaborative Research: Improving Model Generalization with Neighborhood Complexity Analysis  | Kinesiology Recreation & Sport   | \$298,998       | 10/08/2018             | US - NSF - National Science Foundation                     | 01/01/2019        | 12/31/2022      |
| Crouter, Scott   |  | Kinesiology Recreation & Sport | Improving Accuracy of Step-Counting in the Free-Living Environment Using Deep Convolutional Neural Networks   | Kinesiology Recreation & Sport   | \$208,540       | 02/04/2019             | University of West Florida (UWF)                           | 09/01/2019        | 08/31/2021      |
| Crouter, Scott   |  | Kinesiology Recreation & Sport | Neighborhood Risk Factors for Falls in the Elderly  | Kinesiology Recreation & Sport   | \$57,862        | 04/01/2019             | University of Massachusetts Medical School (UMMS)          | 09/01/2019        | 08/31/2024      |
| Crouter, Scott   | Bettaieb, Ahmed; Hilafu, Haileab;  | Kinesiology Recreation & Sport | Use of machine learning algorithms with accelerometer and gyroscope data to improve precision of estimates of physical activity type and energy expenditure in free-living adults | Kinesiology Recreation & Sport   | \$3,592,578     | 06/05/2019             | HHS - NIH - National Institutes of Health                  | 04/01/2020        | 03/31/2025      |
| Donohoe, Dallas  | Johnson, Jeremiah; Bettaieb, Ahmed;  | Nutrition                      | Impact of Interleukin-1 signaling on butyrate oxidation mediates the response of a high-fiber diet in the colonic injury and repair process                                       | Nutrition                        | \$474,282       | 08/09/2018             | USDA - AFRI  | 07/01/2019        | 06/30/2022      |
| Donohoe, Dallas  | Johnson, Jeremiah; Bettaieb, Ahmed;  | Nutrition                      | Role of Pyruvate Kinase Isoform M2 in Colorectal Cancer   | Nutrition                        | \$748,800       | 10/16/2018             | American Cancer Society                                    | 07/01/2019        | 06/30/2023      |
| Fitzhugh, Eugene |  | Kinesiology Recreation & Sport | Hardeman Healthy Outreach (H2O) for Healthy Weight  | Kinesiology Recreation & Sport   | \$192,086       | 07/05/2018             | HHS - CDC - Centers for Disease Control and Prevention     | 01/01/2019        | 12/31/2023      |
| Groenke, Susan   |  | Theory & Practice in Teacher E | Inaugural Children's/Teen Author-in-Residence Program   | Coll of Education, Hlth, & Human | \$15,875        | 11/07/2018             | Alliance of Women Philanthropists - Giving Circle          | 07/01/2019        | 03/31/2020      |
| Harper, Frances  |  | Theory & Practice in Teacher E | From Policy to Practice: Can state-mandated teacher evaluation cultivate culturally relevant mathematics teaching in urban and rural schools?                                     | Theory & Practice in Teacher E   | \$70,000        | 11/01/2018             | National Academy of Education (NAEd)                       | 08/01/2019        | 07/31/2020      |
| Hillyer, Sarah   |  | Center for Sport, Peace & Soci | Project Support Women in achieving their Goal (SWinG)   | Center for Sport, Peace & Soci   | \$34,179        | 10/10/2018             | Federation Francaise du Sport d'Entreprise (FFSE)          | 01/01/2019        | 12/31/2021      |
| Hillyer, Sarah J |  | Center for Sport, Peace & Soci | Year 2 of Global Sports Mentoring Program   | Center for Sport, Peace & Soci   | \$1,440,000     | 06/13/2019             | DOS - US Department of State                               | 01/01/2020        | 12/31/2020      |
| Hodge, Lynn      |  | Theory & Practice in Teacher E | East TN STEM Hub 2018-2019  | Ctr Enhanc Educ in Math & Sci()  | \$37,815        | 09/21/2018             | Battelle Memorial Institute                                | 10/15/2018        | 06/30/2019      |
| Hodge, Lynn      | Sadovnik, Amir; Aydeniz, Mehmet; Brown, Clara; O'Bannon, Blanche; Rosenberg, Joshua; | Theory & Practice in Teacher E | CS for Appalachia: A Research-Practice Partnership for Integrating Computer Science into East Tennessee Schools   | Ctr Enhanc Educ in Math & Sci()  | \$252,452       | 02/14/2019             | US - NSF - National Science Foundation                     | 10/01/2019        | 09/30/2021      |
| Hodge, Lynn      | Mack, Thura;   | Theory & Practice in Teacher E | Sharing our stories through family STEM nights: understanding the contributions and experiences of Native Americans   | Ctr Enhanc Educ in Math & Sci()  | \$750           | 04/10/2019             | American Indian Library Association                        | 05/01/2019        | 11/30/2019      |
| Hodge, Lynn      | Rearden, Kristin; Harper, Frances;   | Theory & Practice in Teacher E | STEM for Appalachia (SFA): Growing STEM Problem Solvers Through Books, Storytelling, and Family Engagement  | Ctr Enhanc Educ in Math & Sci()  | \$75,000        | 04/17/2019             | Tennessee Department of Economic and Community Development | 07/01/2019        | 06/30/2020      |

| FY 19 Proposals       |   |                                |  |                                |                 |                        |  |                   |                 |  |
|-----------------------|---|--------------------------------|--|--------------------------------|-----------------|------------------------|--|-------------------|-----------------|--|
| Lead PI               | Co PIs  | LPI Home Dept                  | Title  | Award Admin Dept               | Total Requested | Proposal Approval Date | Direct Sponsor   | Budget Begin Date | Budget End Date |  |
| Jabson, Jennifer      | Hutson, Sadie; Bettaieb, Ahmed;   | Public Health                  | A preliminary efficacy trial of online mindfulness based stress reduction for lesbian and bisexual women in Tennessee  | Public Health                  | \$367,557       | 11/14/2018             | HHS - NIH - NIMHD - National Institute on Minority Health and Health Disparities | 07/01/2019        | 06/30/2021      |  |
| Jabson, Jennifer      | Bettaieb, Ahmed;  | Public Health                  | A preliminary feasibility trial of online mindfulness based stress reduction for transgender and gender expansive people in Tennessee                            | Public Health                  | \$377,572       | 02/08/2019             | HHS - NIH - National Institutes of Health  | 09/01/2019        | 08/31/2021      |  |
| Jaekel, Julia         |   | Child & Family Studies         | Trajectories of attention, social, and emotional problems following very preterm birth: individual participant data meta-analyses via international data sharing | Child & Family Studies         | \$24,684        | 09/04/2018             | University of Leicester  | 09/01/2019        | 08/31/2021      |  |
| Jaekel, Julia         | Johnson, Elizabeth;   | Child & Family Studies         | Follow-up of infants exposed to opioids in-utero (The East Tennessee Family Strengths Study)   | Child & Family Studies         | \$151,000       | 10/11/2018             | HHS - NIH - National Institutes of Health  | 07/01/2019        | 06/30/2021      |  |
| Jaekel, Julia         | Buss, Aaron;  | Child & Family Studies         | Neurocognitive development of rural Appalachian children exposed to opioids in-utero   | Child & Family Studies         | \$387,349       | 11/14/2018             | HHS - NIH - NIMHD - National Institute on Minority Health and Health Disparities | 07/01/2019        | 06/30/2021      |  |
| Kintziger, Kristina   | Hathaway, Jon; Fu, Joshua; Ellis, Kelsey; Li, Xueping; Mason, Lisa Marie; | Public Health                  | SCH: INT: Collaborative Research: Advancing Public Health and Urban Sustainability through Integrated Sensor Network and Platform (I-SNAP) System Applications   | Public Health                  | \$1,017,988     | 12/10/2018             | US - NSF - National Science Foundation   | 07/01/2019        | 06/30/2023      |  |
| Kintziger, Kristina   |   | Public Health                  | Human Papillomavirus Vaccine Beliefs and Attitudes: Uncovering Vaccine-Seeking Behavior in Adults  | Public Health                  | \$15,799        | 06/20/2019             | Merck and Company, Inc.  | 01/01/2020        | 06/30/2021      |  |
| Lieberthal, Robert    |   | Public Health                  | Examining predictive modeling based approaches to characterizing healthcare fraud  | Public Health                  | \$4,308         | 07/23/2018             | University of Hawaii   | 07/01/2018        | 06/30/2019      |  |
| Lieberthal, Robert    |   | Public Health                  | Improving Population Health Through Patient Attribution Optimization   | Public Health                  | \$23,138        | 02/04/2019             | Evolent Health   | 04/01/2019        | 03/31/2020      |  |
| Lieberthal, Robert    | Jaekel, Julia;  | Public Health                  | A novel machine learning approach to fraud estimation and the impact of fraud on health in the hospital setting  | Public Health                  | \$1,367,405     | 02/05/2019             | HHS - NIH - NIA - National Institute on Aging                                    | 09/01/2019        | 08/31/2024      |  |
| McElrone, Marissa Ann | Spence, Marsha;   | Nutrition                      | A social network analysis to estimate the impact of a maternal and child health nutrition leadership training program on the maternal and child population       | Nutrition                      | \$999           | 02/07/2019             | Academy of Nutrition and Dietetics Foundation                                    | 04/01/2019        | 03/31/2020      |  |
| McIntyre, James       |   | Educational Leadership & Polic | Transforming School Leadership Initiative  | Center for Educational Leaders | \$180,000       | 08/17/2018             | Tennessee Department of Education  | 07/01/2018        | 06/30/2019      |  |
| McIntyre, James       |   | Educational Leadership & Polic | Continuity of AsPIRE Rural School Leadership Initiative  | Center for Educational Leaders | \$23,322        | 05/29/2019             | State Collaborative on Reforming Education                                       | 07/01/2019        | 06/30/2020      |  |
| McIntyre, James       |   | Educational Leadership & Polic | Demonstration of a Replicable University - Multidistrict Regional Best Practice Principal Pipeline Academy   | Center for Educational Leaders | \$295,308       | 10/16/2018             | Kern Family Foundation   | 08/14/2018        | 11/30/2020      |  |
| McNeely, Clea         |   | Public Health                  | Exploring an Unexamined Source of Racial Disparities in School Discipline: Truancy Policies and Diversion Programs   | Public Health                  | \$50,000        | 08/01/2018             | Spencer Foundation   | 01/01/2019        | 12/31/2020      |  |

| FY 19 Proposals      |                                   |                                |   |                                |                 |                        |  |                   |                 |  |
|----------------------|-----------------------------------|--------------------------------|---|--------------------------------|-----------------|------------------------|--|-------------------|-----------------|--|
| Lead PI              | Co PIs                            | LPI Home Dept                  | Title   | Award Admin Dept               | Total Requested | Proposal Approval Date | Direct Sponsor   | Budget Begin Date | Budget End Date |  |
| Meschke, Laurie      |                                   | Public Health                  | Rape Prevention and Education Evaluation - 2019-2020  | Public Health                  | \$38,778        | 04/15/2019             | Tennessee Department of Health                                       | 02/01/2019        | 01/31/2020      |  |
| Park, Yujeong        |                                   | Theory & Practice in Teacher E | Project GATHERS: A Group-based Approach to Help and Enhance Readiness for School: Focused on At-Risk Preschoolers   | Theory & Practice in Teacher E | \$249,855       | 03/07/2019             | ED - IES - Institute of Education Sciences                           | 08/01/2019        | 07/31/2021      |  |
| Quinn, Margaret      |                                   | Child & Family Studies         | Conceptualizing children's early composing: Combining multiple theoretical perspectives and empirical approaches  | Child & Family Studies         | \$70,000        | 11/01/2018             | National Academy of Education (NAEd)                                 | 08/01/2019        | 07/31/2021      |  |
| Quinn, Margaret      |                                   | Child & Family Studies         | Examining Teachers Implementation of Read Right from the Start: Hearst Evaluation of the Cox Campus   | Child & Family Studies         | \$196,933       | 11/27/2018             | Georgia State University (GSU)                                       | 11/01/2018        | 10/31/2020      |  |
| Quinn, Margaret      |                                   | Child & Family Studies         | Much more than name writing: Studying the development of writing composition in preschoolers  | Child & Family Studies         | \$49,996        | 06/25/2019             | Spencer Foundation   | 05/01/2020        | 04/30/2022      |  |
| Raynor, Hollie       | Crouter, Scott;                   | Nutrition                      | Translating basic habituation research to childhood obesity treatment   | Nutrition                      | \$3,471,976     | 07/16/2018             | HHS - NIH - National Institutes of Health                            | 04/01/2019        | 03/31/2024      |  |
| Raynor, Hollie       |                                   | Nutrition                      | Salad Bars in the National School Lunch Program: Impact on Dietary Consumption Patterns in Elementary School Students   | Nutrition                      | \$154,600       | 07/17/2018             | Virginia Commonwealth University (VCU)                               | 01/01/2019        | 12/31/2022      |  |
| Raynor, Hollie       |                                   | Nutrition                      | Energy Distribution Timing and Weight Loss  | Nutrition                      | \$405,097       | 11/21/2018             | HHS - NIH - National Institutes of Health                            | 07/01/2019        | 06/30/2021      |  |
| Raynor, Hollie       |                                   | Nutrition                      | Variety intervention to promote weight loss maintenance.  | Nutrition                      | \$179,328       | 02/01/2019             | California Polytechnic State University Foundation                   | 09/01/2019        | 08/31/2024      |  |
| Raynor, Hollie       |                                   | Nutrition                      | Increased Protein at Breakfast for Weight Management in Overweight Adolescents  | Nutrition                      | \$39,977        | 06/03/2019             | University of Texas - Austin (UTEXAS)                                | 07/01/2019        | 06/30/2021      |  |
| Rocconi, Louis       |                                   | Educational Psychology & Couns | Measuring Quality in Legal Education: Examining the relationship between law school rank and student engagement   | Educational Psychology & Couns | \$50,000        | 11/28/2018             | Association of Institutional Research                                | 03/01/2019        | 02/28/2020      |  |
| Rosenberg, Joshua    |                                   | Theory & Practice in Teacher E | Exploring a Youth STEM Badge Ecosystem: Analyzing Autonomous Motivation and Instructional Interactions  | Theory & Practice in Teacher E | \$13,065        | 11/13/2018             | University of Wisconsin - Whitewater (UWW)                           | 07/01/2020        | 06/30/2021      |  |
| Rosenberg, Joshua    |                                   | Theory & Practice in Teacher E | ECR Methods DCL: Advancing Computational Grounded Theory for Audiovisual Data from STEM Classrooms  | Theory & Practice in Teacher E | \$101,469       | 01/28/2019             | University of Illinois at Urbana-Champaign (UIUC)                    | 10/01/2019        | 09/30/2022      |  |
| Rosenberg, Joshua    |                                   | Theory & Practice in Teacher E | Understanding the development of interest in computer science: An experience sampling approach  | Theory & Practice in Teacher E | \$347,075       | 06/10/2019             | US - NSF - National Science Foundation                               | 06/15/2020        | 06/14/2022      |  |
| Skinner, Christopher | McCurdy, Merilee; Wilhoit, Brian; | Educational Psychology & Couns | Leadership Specialization in Rural School Psychology  | Educational Psychology & Couns | \$1,200,519     | 07/31/2018             | ED - OSERS - Office of Special Education and Rehabilitative Services | 08/01/2019        | 07/31/2024      |  |
| Smith, Catherine     |                                   | Theory & Practice in Teacher E | Appalachian State University Scholars with Diverse Abilities Program  | Theory & Practice in Teacher E | \$15,000        | 10/11/2018             | Appalachian State University (ASU)                                   | 10/01/2018        | 09/30/2020      |  |
| Smith, David         | Wolbers, Kimberly;                | Theory & Practice in Teacher E | Interdisciplinary Preparation of Speech-Language Pathologists and Educators of the Deaf and Hard of Hearing to Improve Literacy Outcomes for Children who are Deaf or Hard of Hearing | Theory & Practice in Teacher E | \$179,733       | 07/24/2018             | ED - OSERS - Office of Special Education and Rehabilitative Services | 07/01/2019        | 06/30/2024      |  |

| FY 19 Proposals          |   |                                |   |                                |                 |                        |  |                   |                 |
|--------------------------|---|--------------------------------|---|--------------------------------|-----------------|------------------------|--|-------------------|-----------------|
| Lead PI                  | Co PIs  | LPI Home Dept                  | Title   | Award Admin Dept               | Total Requested | Proposal Approval Date | Direct Sponsor   | Budget Begin Date | Budget End Date |
| Smith, David             | Wolbers, Kimberly; Lacava, Carol; Shahan, Cheryl; | Theory & Practice in Teacher E | Tennessee Educational Interpreting and Deaf Education   | Theory & Practice in Teacher E | \$1,119,719     | 08/01/2018             | ED - US Dept. of Education                               | 01/01/2019        | 12/31/2023      |
| Smith, David             | Wolbers, Kimberly;                                | Theory & Practice in Teacher E | National Leadership Consortium in Sensory Disabilities  | Theory & Practice in Teacher E | \$148,995       | 08/14/2018             | Salus University   | 08/01/2018        | 07/31/2020      |
| Spence, Marsha           | Anderson Steeves, Elizabeth;                      | Nutrition                      | Power of Produce Clubs: a Farm to School Initiative in East Tennessee   | Nutrition                      | \$71,491        | 07/09/2018             | Nourish Knoxville  | 01/01/2019        | 12/31/2020      |
| Spence, Marsha           | Anderson Steeves, Elizabeth;                      | Nutrition                      | Maternal and Child Health (MCH) Nutrition Grantee Meeting Supplement for Annual Meeting   | Nutrition                      | \$25,000        | 08/27/2018             | HHS - HRSA - Maternal and Child Health                   | 09/01/2018        | 06/30/2019      |
| Spence, Marsha           |   | Nutrition                      | Hardeman Healthy Outreach (H20) for Healthy Weight Supplement 2019  | Nutrition                      | \$10,000        | 04/11/2019             | HHS - CDC - Centers for Disease Control and Prevention   | 09/30/2019        | 09/29/2020      |
| Stinger-Barnes, Patricia | Camponovo, Michael;                               | Theory & Practice in Teacher E | Medical Entomology & Geospatial Analyses: Bringing Innovation to Teacher Education & Surveillance Studies (MFGA- BITESS)                                    | Theory & Practice in Teacher E | \$16,308        | 07/10/2018             | USDA - AFRI  | 02/01/2019        | 01/31/2022      |
| Stolz, Heidi             |   | Child & Family Studies         | Trinity Fatherhood Advocates: Helping Every Dad be a Great Dad  | Child & Family Studies         | \$15,000        | 03/22/2019             | University of Tennessee Research Foundation (UTRF)       | 06/01/2019        | 08/31/2019      |
| Strohacker, Kelley       | Ferrara, Paula;                                   | Kinesiology Recreation & Sport | Determining Intervention Components for a Physical Activity Program Designed for Former Division I College Athletes   | Kinesiology Recreation & Sport | \$3,080         | 04/02/2019             | Association for Applied Sport Psychology (AASP)          | 06/01/2019        | 05/31/2020      |
| Traga-Philippakos, Zoi   |   | Theory & Practice in Teacher E | Supporting Strategic Writers: Effect of an innovative Developmental Writing Program on writing and Reading Outcomes   | Theory & Practice in Teacher E | \$338,731       | 07/11/2018             | University of Delaware (UDEL)                            | 08/01/2018        | 06/30/2021      |
| Traga-Philippakos, Zoi   |   | Theory & Practice in Teacher E | Developing a Professional Development Model on Genre-based Writing Strategy Instruction for Grades 3 to 5   | Theory & Practice in Teacher E | \$1,400,000     | 08/24/2018             | ED - IES - Institute of Education Sciences               | 07/01/2019        | 06/30/2023      |
| Weinhandl, Joshua        |   | Kinesiology Recreation & Sport | Individual lower extremity muscle contribution to ACL loading in healthy and ACL-reconstructed females  | Kinesiology Recreation & Sport | \$2,000         | 01/15/2019             | American Society of Biomechanics                         | 05/01/2019        | 04/30/2020      |
| Wright, Kristie          | Kohring, Aaron;                                   | Center for Literacy, Educ & Em | TDOE Summer Training - 2019   | Center for Literacy, Educ & Em | \$608,948       | 01/11/2019             | Tennessee Department of Education                        | 02/18/2019        | 06/30/2019      |
| Yoon, Borham             |   | Retail, Hospitality, and Touri | Educational Strategy to Reduce Food Waste for College Students  | Retail, Hospitality, and Touri | \$2,000         | 08/28/2018             | Foodservice Systems Management Education Council (FSMEC) | 11/01/2018        | 10/31/2019      |
| Zakrajsek, Rebecca       |   | Kinesiology Recreation & Sport | A Person-Oriented Investigation of Cross-Contextual Motivation: A Mixed-Methods Study with Collegiate Student Athletes                                      | Kinesiology Recreation & Sport | \$1,431         | 09/06/2018             | Pennsylvania State University, Altoona (PSU)             | 09/01/2018        | 05/31/2019      |
| Zhang, Songning          |   | Kinesiology Recreation & Sport | Efficacy of Cycling Training with Augmented Visual Feedback on Reducing Bilateral Deficits of Pedal Reaction Force of Patients with Total Knee Arthroplasty | Kinesiology Recreation & Sport | \$2,500         | 12/12/2018             | International Society of Biomechanics                    | 02/01/2019        | 05/31/2020      |
| Zhang, Songning          |   | Kinesiology Recreation & Sport | Cycling Intervention for Osteoarthritis of the Knee   | Kinesiology Recreation & Sport | \$1,980         | 01/15/2019             | American Society of Biomechanics                         | 05/01/2019        | 04/30/2021      |
| Zhang, Songning          |   | Kinesiology Recreation & Sport | Cycling Intervention for Osteoarthritis of the Knee   | Kinesiology Recreation & Sport | \$1,980         | 05/02/2019             | American Society of Biomechanics                         | 05/01/2019        | 04/30/2021      |

| FY 19 Proposals    |  |                                |   |                                |                 |                        |   |                   |                 |  |
|--------------------|--|--------------------------------|---|--------------------------------|-----------------|------------------------|---|-------------------|-----------------|--|
| Lead PI            | Co PIs   | LPI Home Dept                  | Title   | Award Admin Dept               | Total Requested | Proposal Approval Date | Direct Sponsor  | Budget Begin Date | Budget End Date |  |
| Zhao, Ling         |  | Nutrition                      | Adipose-targeting resveratrol nanoparticles for obesity treatment   | Nutrition                      | \$292,687       | 11/05/2018             | Texas Tech University (TTU)                               | 07/01/2019        | 01/01/2022      |  |
| Zhao, Ling         |  | Nutrition                      | Browning white adipose tissue for diabetes treatment  | Nutrition                      | \$134,792       | 02/26/2019             | Texas Tech University (TTU)                               | 04/01/2020        | 03/31/2022      |  |
| Zhao, Ling         |  | Nutrition                      | Adipose-targeting nanoparticles: Browning white adipose tissue for obesity treatment  | Nutrition                      | \$437,241       | 05/29/2019             | Texas Tech University (TTU)                               | 04/01/2020        | 03/01/2023      |  |
| Mason, Michael     | Lieberthal, Robert;  | Social work                    | Improving Tobacco Use Cessation in Rural and Urban Socioeconomically Disadvantaged Adolescent Populations via Text-Messaging  | Center for Behavioral Health R | \$3,255,195     | 09/05/2018             | HHS - NIH - NCI - National Cancer Institute               | 07/01/2019        | 06/30/2024      |  |
| Mason, Michael     | Lieberthal, Robert;  | Social work                    | Treating Young Adult Cannabis Use Disorder with Text Message-Delivered Peer Network Counseling  | Center for Behavioral Health R | \$3,770,958     | 11/05/2018             | HHS - NIH - NIDA - National Institute on Drug Abuse       | 07/01/2019        | 06/30/2024      |  |
| Mason, Michael     | Biddix, James;   | Social work                    | Reducing Hazardous Drinking Among Fraternity Members with Text-Delivered Counseling   | Center for Behavioral Health R | \$99,996        | 06/17/2019             | Hubert and Richard Hanlon Trust                           | 01/01/2020        | 12/31/2020      |  |
| Davis, Sharon      | Foster, Elizabeth; Hutson, Sadie; Gaylord, Nan; Hardesty, Pamela; Crowley, Jenny; Meschke, Laurie; Hadjiharalambous, Chris;  | College of nursing             | Rural Communities Opioid Response Program for East Tennessee (RCORP-ET)   | College of nursing             | \$180,004       | 10/08/2018             | HHS - HRSA - Health Resources and Services Administration | 09/30/2018        | 09/29/2019      |  |
| Davis, Sharon Keck | Tourville, Jennifer; Crowley, Jenny; Meschke, Laurie;  | College of nursing             | Project HOPE: Healing OUD through Prevention and Expertise  | Nursing Research               | \$944,044       | 05/07/2019             | HHS - HRSA - Health Resources and Services Administration | 09/01/2019        | 08/31/2022      |  |
| Steen, Andrew      | Drumheller-Horton, Stephanie; Coleman-King, Chonika; Rearden, Kristin;   | Earth & Planetary Sciences     | GP-IMPACT: ICE-AGE: Integrating Continuous Experiential Activities for Geoscience Education   | Earth & Planetary Sciences     | \$390,424       | 11/20/2018             | US - NSF - National Science Foundation                    | 05/15/2019        | 05/14/2022      |  |
| Tran, Liam         | Sims, Charles; Campagna, Shawn; Castro Gonzalez, Hector; McKinney, Michael; Leppanen, Christy; Raposo, Paulo; Munoz, Isabel; Kintziger, Kristina; Meschke, Laurie; | Geography                      | Dynamics of the opioid crisis and socio-economic and environmental disparities across the State of Tennessee under multi-level interactions between the human and environment systems | Geography                      | \$1,440,066     | 02/15/2019             | US - NSF - National Science Foundation                    | 08/01/2019        | 07/31/2021      |  |
| Sawhney, Rapinder  | Pradhan, Ninad; Aydeniz, Mehmet;   | Industrial & Systems Engineeri | FW-HTF-RM: Collaborative Research: Making decisions on the manufacturing shop floor: The role of AI in strengthening human leaders  | Industrial & Systems Engineeri | \$1,106,737     | 03/06/2019             | US - NSF - National Science Foundation                    | 10/01/2019        | 09/30/2022      |  |
| Gordon, Kristina   | McNeely, Clea;   | Psychology                     | Building Strong Foundations   | Psychology                     | \$800,001       | 03/14/2019             | Tennessee Department of Children's Services               | 07/01/2019        | 06/30/2023      |  |
| Brown, Nicholas    |  | Nuclear engineering            | Terrestrial Energy USA IMSR Modeling & Simulation   | Nuclear engineering            | \$400,000       | 04/17/2019             | Terrestrial Energy, Inc.                                  | 10/01/2019        | 09/30/2021      |  |
| Ho, Anne           | Harper, Frances; Hodge, Lynn;  | Mathematics                    | Tennessee Eastern & Appalachian Math Teachers' Circle   | Mathematics                    | \$2,965         | 04/18/2019             | American Institute of Mathematics                         | 05/15/2019        | 05/15/2020      |  |