External Grant Proposals Submitted through the COE Office of Research (OoR): August 2016 – July 2017

COE faculty were very productive during the 2016-17 academic year (August 2016 to July 2017). Twenty-three faculty submitted 36 proposals through the OoR during the year. Of those submitted, 19 proposals received funding with a total value of $14,995,000*. All of the faculty who submitted proposals through the OoR are listed below (proposals that were funded are in bold). Congratulations to all of the faculty who submitted proposals!

Almond, Russell (EPLS)
- IES (subcontract): *A Bayesian Basis to Support Teacher Decision Making: Baysys* - $300,000

Andrews-Larson, Christine (STE)
- NSF: *Collaborative Research: Extending Inquiry-Oriented Linear Algebra in New Topics and Settings* - $400,000

Becker, Betsy (EPLS)
- FLDOE: *Three Interns for Bureau of K-12 Student Assessment* - $100,000

Hanline, Mary Frances (STE)
- USDOE: *Communication for Young Children to Enhance Learning (Project CYCEL)*; Co-PIs: Kelly Whalon (STE), Lindsay Dennis (STE) - $1,000,000

Hu, Shouping (ELPS)
- Gates Foundation: *Center for Postsecondary Success FL Measurement and Evaluation Partnership*; Co-PIs: Toby Park (ELPS), Tamara Bertrand Jones (ELPS), Lara Perez-Felkner (ELPS) – $1,100,000

Ivy, Sarah (STE)
- IES: *Adapting the Picture Exchange Communication System to Teach Pre-Literacy Skills to Students with Multiple Disabilities and Visual Impairment*; Co-PIs: Yaacov Petscher (FCRR), Juliann Woods (COMDIS) Don Compton (FCRR) – $400,000
- USDOE: *Project CAPsure*; Co-PIs: Jenny Root (STE), Sandra Lewis (STE), Mickey Damelio (OOR) – $1,200,000

Jaber, Lama (STE)
- Braithmayer Foundation: *The Role of Epistemic Empathy in Promoting Responsive Teaching* - $40,000

Jenkins, Lyndsay (EPLS)
- Society for the Study of School Psychology: *Forms of Bullying Bystander Actions: Concurrent, Longitudinal, and Classroom-Level Predictors* - $20,000

*Funding amounts for all grants are rounded.
Ke, Fengfeng (EPLS)
- NSF (NRT-IGE): Mixed Reality Integrated Teaching Training for STEM Graduate Teaching Assistants; Co-PI: Xin Yuan (Computer Science) - $500,000
- NSF (DRK-12): “E Rebuild” – Mathematical Learning via Architectural Design and Modeling; Co-PIs: Kathy Clark (STE), Valerie Shute (EPLS) Russell Almond (EPLS), Gordon Erlebacher (Scientific Computing) - $2,000,000
- NSF (subcontract): Interactive Simulated and Animated Learning in Engineering (I-SALE) - $150,000
- NIH: Scenario Based Virtual Simulation for Inter-Professional Geriatric Team Training; Co-PIs: Jim Whyte (Nursing), Niharika Suchak (COM) - $1,100,000
- NSF: Integrative Practice of Mathematics and Computational Thinking via Game Design Based Mathematical Problem Posing; Co-PIs: Kathy Clark (STE), Russell Almond (EPLS), Gordon Erlebacher (Scientific Computing), Xin Yuan (Computer Science) - $1,900,000

Lewis, Sandra (STE)
- IES (subcontract): National Leadership Consortium in Sensory Disabilities - $200,000
- FLDOE: Critical Initiatives in Visual Impairment (CIVI) - $500,000

Lo, Jane (STE)
- Spencer: Civics in the Middle Grades: Political Knowledge and Civic Engagement in a 7th Grade Civics Course - $50,000
- DOI (subcontract): Project Based Learning in Civics for Future Success - $200,000
- WT Grant Foundation: Attending to the Civic Empowerment Gap: Teaching Race and Powerful Political Knowledge in Civics Classrooms - $400,000

Mokher, Christine (ELPS)
- IES (subcontract): Assessment of the Florida College and Career Readiness Initiative- $30,000

Myers, John (STE)
- DOS: USDC Diplomatic Simulations Program Proposal; Co-PI: Dale Smith (UNCC) - $200,000.00

Newman, Joshua (SM)
- NIH: Playing with the TEAM: An Assessment of Social Media to Enhance Social and Health Benefits Derived from Youth Team Sport Participation; Co-PIs: Christopher Coutts (Urban), Amy Burdette (Sociology), Amy Chan Hyung Kim (SM) - $400,000

Perez-Felkner, Lara (ELPS)
- NSF (subcontract): FAMU-RISE - $50,000
- NSF (subcontract): FAMU-CREST - $100,000

Preston, Courtney (ELPS)

*Funding amounts for all grants are rounded.*
• NSF: Investigating the Characteristics of Programs that Produce Persistent STEM Teachers with High-Quality Instruction; Co-PIs: Sherry Southerland (STE), Miray Tekkumru-Kisa (STE), Joseph Travis (Bio) – $1,400,000

Roehrig, Alysia (EPLS)
• AERA: The Fierce Urgency of Now: Children's Defense Fund Freedom Schools and Culturally Relevant Pedagogy; Co-PI: Kristal Clemons - $5,000
• IES: Pathways to the Education Sciences Research Training Program; Co-PIs: Tamara Bertrand Jones (ELPS), Jeannine Turner (EPLS), Peggy Auman (FAMU) – $1,000,000

Rutledge, Stacey (ELPS)
• USDOE: Improving Student Academic and Non-Cognitive Outcomes through Personalization for Academic and Social Emotional Learning - $2,600,000

Shute, Valerie (EPLS)
• Triseum Foundation: Developing Stealth Assessment of Calculus Knowledge and Skills in Variant Limits - $60,000
• NSF: Collaborative Research: Interpersonal Coordination and Coregulation during Collaborative Problem Solving - $300,000
• NSF (Cyberlearning): Game-based Assessment and Support of STEM-related Competencies; Co-PIs: Russell Almond (EPLS), Fengfeng Ke (EPLS) - $1,100,000
• IES: Exploring Adaptive Cognitive and Affective Learning Support for Next-Generation STEM Learning Games. - $1,400,000

Southerland, Sherry (STE)
• NSF: Learning through Collaborative Design (LCD): Professional Development to Foster Productive Epistemic Discourse in Science; Co-PIs: Ellen Granger (Bio), Miray Tekkumru-Kisa (STE), Lama Jaber (STE), Zahid Kisa (LSI), Todd Bevis (Bio), Melanie Hester (FSUS) - $2,500,000

Tenenbaum, Gershon (EPLS)
• NIJ: Examining the Effect of Technology for Improving Officers’ Decision-Making - $1,600,000

Turner, Jeannine (EPLS)
• NSF: Research Initiation: Learning Education Sciences and Research Navigation (RI-LEARN); Co-PIs: Ruturaj Soman (ENG), Gupta Nikhil (ENG), Shonda Bernadin (ENG) - $200,000

Whitacre, Ian (STE)
• NSF: CAREER: Iterative Development and Evaluation of Instructional Sequences to Support Preservice Elementary Teachers' Mathematical Knowledge for Teachers' Mathematical Knowledge for Teaching - $400,000

*Funding amounts for all grants are rounded.