I - Office of Human Research Protection
3rd Quarter, Fiscal Year 2018

Total Number of IRB Protocols Active during Quarter: 1025
Total Number Includes New Protocols Approved during Quarter: 77

<table>
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<tr>
<td>B</td>
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<td>C</td>
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IRB-A Categories: Adult Non-oncology: Anesthesiology, Emergency Medicine, Family Medicine, Genetics, Internal Medicine, Neurology, Nursing, Orthopaedics, Pathology, Pharmacy, Radiology, Surgery, Women’s Health

IRB-B Categories: All Pediatrics; some practice areas also reviewed by IRB-A

IRB-C Category: Adult Oncology only

*N/A: Not clinical trials
**Other: Includes minority health, accountable communities, comparative effectiveness research, resident research, otolaryngology, pathology, radiology, perioperative services, psychology, the president’s office, and research with Presbyterian College, MUSC, Furman, Greenwood Genetic Center, and the University of Kansas.
### Clinical Trials Specialties

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<th>Specialty</th>
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<th>Ph. 2</th>
<th>Ph. 3</th>
<th>Ph. 4</th>
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<td>Nursing</td>
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<tr>
<td>Pediatrics (all)</td>
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<td>Other: Genetics; Radiology; CCI; Physical Therapy; Neurology; Emergency Medicine; Pathology; Misc.</td>
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### Device Trials Specialties

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<td>University of South Carolina</td>
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### FUNDING SOURCE

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<td>Federally Funded</td>
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<td>Industry Sponsored</td>
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<td>Expedited Review</td>
<td>385</td>
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<td>Private Non-Profit</td>
<td>39</td>
<td>HSSC (Cooperative Review)</td>
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<td>Internal Funding</td>
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<tr>
<td>Other</td>
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</table>

**Total** | 1025 | Total | 1025 |

**Clinical Research:** any research or procedure involving human subjects in vivo or the use of human samples for the development and evaluation of patient therapies such as diagnostic tests, drug therapies, or medical devices. It includes early clinical studies, epidemiological studies and clinical trials. It does not include a Faculty Member’s participation in the design of a clinical study for which he/she is subsequently neither a participant nor an author.
III - GHS Sponsored Programs Activity Report  
2nd Quarter, Fiscal Year 2018

OVERALL SUMMARY

<table>
<thead>
<tr>
<th>Quarterly Summary - GHS</th>
<th>FY17 Q3</th>
<th>FY18 Q3</th>
<th>% Change</th>
<th>FY17 YTD</th>
<th>FY18 YTD</th>
<th>% Change</th>
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<tr>
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<td>$3,476,034</td>
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<td>$26,207,523</td>
<td>$22,740,064</td>
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<td>Value of Awards</td>
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<td>31%</td>
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DIABETES ACTIVITY SUMMARY

| Diabetes Related Projects | | | | | | |
|---------------------------|-----------------|-------|
| Proposals                 | Number | Value |
| Q1                        | 5      | $1,662,288 |
| Q2                        | 1      | $219,105  |
| Q3                        | -      | -        |
| Awards                    | Number | Value |
| Q1                        | 4      | $1,349,375 |
| Q2                        | -      | -        |
| Q3                        | 4      | $128,974  |

Included projects noted by project title (*)

EXPENDITURES SUMMARY

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<td>Q3</td>
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## PROPOSAL SUMMARY

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<th>Direct Cost</th>
<th>Indirect Cost</th>
<th>Cost Share</th>
<th>Total Requested</th>
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### Proposal Activity by Classification

- Research: 40%
- Other Sponsored Activity: 60%
- Instruction: 0%

### Proposal Activity by Sponsor Type

- Federal Pass Through: 3%
- Federal: 40%
- State: 57%
- Foundation: 0%
- Industry: 0%
# AWARD SUMMARY

## Total Award Activity

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<tr>
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</tr>
<tr>
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</tbody>
</table>

## Sponsored Awards Classification

- Research: 23%
- Other Sponsored Activity: 77%

## Sponsored Awards by Sponsor Type

- Federal Pass Through: 68%
- Federal: 32%
- State: 0%
- Foundation: 0%
- Industry: 0%
The Office of Sponsored Programs reports that GHS faculty and staff members submitted the following 30 proposals, totaling $3,476,034.10, during the third quarter of fiscal year 2018.

**Department of General Surgery**

**Dr. David Cull**  National Institutes of Health via Clemson University  
*SutureCoach: Examining Vascular Suturing Skills Assessment, Training, and Transfer of Training via Objective Metrics*

This project involves simulator testing, bench anastomosis models and a cadaver AV graft creation performed with medical students, residents and attendings at USCSOM and GHS. The GHS team will test simulators, design experiments, recruit study participants and analyze and disseminate results.  
Project Dates: 04/01/2020 – 03/31/2022  
Total: $59,432; Direct: $38,000; Indirect: $21,432

**Dr. William Cobb**  National Institutes of Health via Circa Bioscience, LLC  
*Development of a Novel Bio-Adhesive Mesh System for Abdominal Hernia Repair*

This project proposes the development of a novel bio-adhesive mesh system for abdominal hernia repair, which aims to achieve strong, immediate fixation of surgical mesh while eliminating the problems associated with the current approach.  
Project Dates: 09/01/2018 – 08/31/2019  
Total: $4,015; Direct: $2,567; Indirect: $1,448

**Department of Orthopaedic Surgery**

**Dr. Thomas Schaller**  Stryker  
*Resident Travel Support*

This funding will support resident travel to the 2018 Annual NASS Meeting.  
Project Dates: 09/25/2018 – 09/30/2018  
Total/Direct: $1,614.65

**Dr. Kyle Jeray**  Orthopaedic Research and Education Foundation via Clemson  
*A Simulator for Automated Assessment and Training of Orthopedic Drilling Skills*

This project involves structured testing and data collection with simulators. GHS surgeons will interface directly with the Clemson engineering team to test simulators, design experiments, recruit participants for studies and analyze and disseminate results.  
Project Dates: 07/01/2018 – 06/30/2021  
Total/Direct: $28,167

**Department of Family Medicine**

**Dr. Eve Fields**  Patient-Centered Outcomes Research Institute (PCORI) via USC  
*Patient-Centered Enhancements of School Behavioral Health: A Randomized Trial*

This project will test the incremental impacts of evidence-based Patient-Centered Enhancements to a framework for evidence-based practice in school behavioral health termed Clinical Services Supports in a three-year intervention for students in middle school, and followed into 9th grade.  
Project Dates: 01/01/2019 – 12/31/2023  
Total: $34,950; Direct: $24,965; Indirect: $9,985
Roger C. Peace Rehabilitation Hospital

Dr. Kevin Kopera         Department of Veterans Affairs  
GHS/RCP Adaptive Sports Outreach  
This program will encourage and enable disabled veterans and service members to participate in sports and learn how they can resume activities they enjoy or learn new activities by using adaptive sports equipment. It will also provide a multi-tiered approach to adaptive sports that addresses the veterans’ current abilities and helps to build physical and mental strength.  
Project Dates: 09/01/2018 – 09/30/2019  
Total: $120,256; Direct: $114,246; Indirect: $6,010

Kristen Caldwell         Christopher & Dana Reeve Foundation  
Roger C. Peace Rollin’ Tigers  
The Junior Wheelchair Basketball team is open to youth 18 and under with lower limb, physical disabilities. These youth enjoy the camaraderie of being on a team, the benefits of regular exercise, and the spirit of competition. Funding will support the purchase of basketball wheelchairs for team members.  
Project Dates: 06/01/2018 – 05/01/2019  
Total/Direct: $15,000

Operating Room

Dr. Robert Allen        National Science Foundation via Rice University  
FW-HTF: Theme 2: mCog: Surgery Team Cognitive Assistants  
GHS will support the primary research institution and study by recruiting subjects to participate in simulated surgical experiments, collect and share data for the creation of a cognitive aid, and implementation of a prototype at GHS. Research subjects will include surgeons / surgical residents and other intra-op personnel as needed to achieve study goals.  
Project Dates: 08/01/2018 – 07/31/2023  
Total: $50,000; Direct: $31,970; Indirect: $18,030

Dr. Robert Allen        National Aeronautics and Space Administration via Clemson  
Establishing Necessary Components of Multilevel Performance for Adaptive Spaceflight Systems (Project ENCOMPASS)  
The proposed research will provide NASA with recommendations for standards and guidelines concerning the aspects of teamwork critical to crew situation awareness that are most amenable to monitoring and mitigation via intelligent spacecraft support systems.  
Project Dates: 10/01/2018 – 09/30/2022  
Total: $113,664; Direct: $72,675; Indirect: $40,989

Health Sciences Center

Dr. Matthew Hudson        Public Responsibility in Medicine and Research (PRIM&R)  
Ethically Constructing and Utilizing a Biorepository  
Funding will support an event to connect repository stakeholders with researchers seeking specimens. Attendees will learn about regulatory and ethical issues related to specimen, how to create and access a biorepository, and real-world application issues.  
Project Dates: 07/01/2018 – 08/31/2018  
Total/Direct: $1,000
Dr. Peggy Wagner  
**Patient-Centered Outcomes Research Institute (PCORI) via Clemson**

*Engaging families having experienced perinatal substance exposure: Exemplar of engaging stigmatized populations*

The GHS Patient Engagement Studio will recruit participants who have experienced or are currently experiencing perinatal substance exposure. The Studio will also administer trust building activities and initial research capacity building sessions.

**Project Dates:** 08/01/2018 – 07/31/2020  
**Total:** $61,908; **Direct:** $44,220; **Indirect:** $17,688

Dr. Peggy Wagner  
**Centers for Medicare & Medicaid Services (CMS) via USC**  

*Orthopedic Surgery Performance Measure Validation*

This project will include the GHS Patient Engagement Studio in order to ensure that patients’ perspectives are constantly incorporated into the project each year.

**Project Dates:** 08/06/2018 – 08/05/2021  
**Total:** $37,068; **Direct:** $23,700; **Indirect:** $13,368

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**Clinical Integration**

Jennifer Snow  
**The Duke Endowment**  

*Community Support Team Network (CSTN) - Mobilizing and Empowering Churches & Community Organizations*

A CSTN consists of a group of volunteers that work together to provide practical, emotional and spiritual support to patients in the community. Coaches and teams are established to help recently discharged patients address all needs, beyond those related to care. This project will serve vulnerable discharged patients from the health system’s Upstate and Midlands hospital locations.

**Project Dates:** 01/01/2019 – 12/31/2021  
**Total/Direct:** $680,447; **Cost Share:** $400,157

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**Bradshaw Institute for Community Child Health & Advocacy**

Michelle Greco  
**CJ Foundation**  

*Infant Safe Sleep*

Funding will support Upstate Cribs for Kids and 1) provide an expansion of current safe sleep education in accordance with current 2016 AAP safe sleep recommendations to the community to reach more professionals, parents and caregivers; 2) provide a concentrated awareness campaign and expand our outreach to include first responders (fire fighters, EMS, law enforcement and coroners), instructing them to incorporate safe sleep messaging in their practices and providing them with safe sleep training materials; and, 3) increase public awareness of infant sleep-related death and prevention through visual displays and educational materials with links to state resources.

**Project Dates:** 06/01/2018 – 05/31/2019  
**Total/Direct:** $5,000

Dr. Kerry Sease  
**Firehouse Subs Public Safety Foundation**  

*Wheels to Wellness*

Funding will provide participants in the Wheels to Wellness bike safety program with a properly fitted bike helmet to keep upon completion of the program.

**Project Dates:** 10/01/2018 – 09/30/2019  
**Total/Direct:** $24,882.65
Dr. Lance Feldman          The Home Depot Foundation
*Healing Garden for Community Inpatient Psychiatric Facility*
This will be a quality improvement project for GHS' inpatient psychiatric facility. Medical students and physicians-in-training will design and implement a therapeutic healing garden to be utilized by GHS' patients. The garden will include a sensory healing space, a zen garden outdoor activity area, multiple gathering places for family visits and meetings, and an area for therapeutic group activities.
Project Dates: 06/01/2018 – 10/31/2018
Total/Direct: $4,973

Dr. Lance Feldman          SAMHSA via Clemson University
*Mental Health Awareness Training (MHAT)*
This project will serve veterans and their families in Upstate South Carolina, including school-age children, at risk for mental health issues. Individuals and organizations interacting with this population will receive training in Mental Health First Aid in order to identify those in need of intervention, de-escalate crisis situations and refer individuals and families to appropriate mental health resources.
Project Dates: 09/30/2018 – 09/29/2021
Total: $373,026; Direct: $348,061; Indirect: $24,965

Ericka Turner            KOA Care Camps
*Camp Courage*
Camp Courage creates an unforgettable recreational experience for children and teens with cancer or blood disorders from the Upstate of South Carolina, western North Carolina, and Northeast Georgia. Funding will support operating expenditures for the 2018 Camps.
Project Dates: 06/01/2018 – 11/30/2018
Total/Direct: $18,000

Dr. George Haddad          National Institutes of Health via MUSC
*Feasibility and Acceptability of Electronic Standing Orders for Adolescent Vaccination as a Strategy to Improve HPV Vaccination Rates*
Dr. Haddad will provide guidance on pediatric practice and the workflow related to adolescent vaccine delivery. He will also ensure any critical electronic health record modifications are in place to support the study. Four GHS pediatric practices will assist with the implementation and evaluation of the electronic standing orders protocol.
Project Dates: 04/01/2019 – 03/31/2021
Total: $108,639; Direct: $69,462; Indirect: $39,177

Dr. Steven Snodgrass          National Institutes of Health via Clemson University
*Investigation of environmental factors in chronic respiratory disease and acute illness in children in non-traditional settings: Cloud based monitoring systems and data-driven interventions*
This project will research environmental pollutants and triggers for respiratory disease in settings, including non-traditional schools, with a focus on modification of risk factors and potential measurement of objective biomarkers.
Project Dates: 04/01/2019 – 03/31/2021
Total: $126,507; Direct: $80,887; Indirect: $45,620
## Cancer Institute

### Dr. Larry Gluck  Prevent Cancer Foundation

*Center for Cancer Prevention and Wellness (CCPW)*

The goal of the proposed CCPW is to provide customized cancer surveillance and prevention interventions based on an individual's specific health status and personal history as well as their particular genetic, molecular and immune profile.

Project Dates: 08/01/2018 – 07/31/2019  
Total/Direct: $25,000

### Dr. Elizabeth Cull  COG and AYA Oncology Discipline Committee

*Development of a novel media communication tool for information delivery in AYA patients*

This study will examine how AYA patients interact with online information and what media platforms result in the highest rates of information retention, patient satisfaction and usability. This information will be used to create an AYA-centered website and application with a main focus on information delivery and education delivered in an age appropriate fashion with focus on novel media platforms.

Project Dates: 10/01/2018 – 09/30/2020  
Total: $100,000; Direct: $95,454; Indirect: $4,546

### Dr. Mark O'Rourke  National Institutes of Health via MUSC

*A Multi-Component Communication Intervention to Enhance Equity in Advanced Cancer Care*

GHS will serve as a key training, recruitment and data collection site. GHS will participate in the development of study protocols, recruitment materials and questionnaires and management of study regulatory activities during the planning phase. GHS oncology teams will receive training on the Serious Illness Care program and then work with the MUSC and Ariadne teams to set up clinic reminder systems. GHS will provide local palliative care coaching for trained oncology team members.

Project Dates: 04/01/2019 – 03/31/2024  
Total: $1,038,288; Direct: $663,866; Indirect: $374,422

## Department of Internal Medicine

### Dr. Jay Avasarala  National Multiple Sclerosis Society

*Monitoring Ocrevus dosing*

This study will follow CD19 cell populations as a surrogate for CD20 cells on a monthly basis to guide OCR re-dosing. Following CD19 cell counts as a surrogate marker for CD20 cells in the peripheral blood in patients with MS may help inform how OCR dosing can be optimized in the treatment of MS.

Project Dates: 01/01/2019 – 12/31/2019  
Total: $54,999.80; Direct: $50,513; Indirect: $4,486.80

### Dr. Teny Henry Gomez  The Carolinas Center

*Advanced Care Planning (ACP) Initiative*

The purpose of this grant is to improve the quality of and accessibility to ACP conversations through shared decision making for all South Carolinians. The intent of this initiative is to ensure these quality conversations will be reflected in documents that are understandable, accessible and honored.

Project Dates: 06/01/2018 – 05/31/2020  
Total/Direct: $100,000; Cost Share: $56,400
Melissa Mull  
**Brain Aneurysm Foundation**

*Early Detection of Vasospasm and Delayed Cerebral Ischemia Using Cerebral Blood Flow Technology*

This study aims to evaluate the use of Cerebral blood flow monitoring (Hemedex, The Bowman Perfusion Monitor®) in the early detection of CVS and DCI in a SAH patient population and whether the use of Cerebral blood flow monitoring allows for earlier and quicker detection of CVS and DCI.

Project Dates: 10/01/2018 – 09/30/2019

Total/Direct: $45,000

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Dr. Neel Shah  
**Brain Aneurysm Foundation via USC**

*Metabolomics of Ruptured and Unruptured Cerebral Aneurysm*

Dr. Shah will provide any required clinical expertise to the project. A GHS Research Coordinator will assist in obtaining patient records included in this study from EPIC and then de-identify records prior to analysis by USCSOMG researchers.

Project Dates: 10/01/2018 – 09/30/2019

Total/Direct: $3,128

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Dr. Peter Tilkemeier  
**Intersocietal Accreditation Commission (IAC)**

*Interobserver Variability in Myocardial Perfusion Imaging Interpretation Among “Average” Physicians*

This study aims to estimate interpretive variability among average readers of SPECT myocardial perfusion and function studies and determine the magnitude and characteristics of differences in the interpretation for a variety of case types.

Project Dates: 10/01/2018 – 09/30/2019

Total: $40,477; Direct: $36,797; Indirect: $3,680

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Dr. Lee Madeline  
**National Institutes of Health via USC**

*Reducing Disparity in the Care of Acute Ischemic Stroke: Analysis of pre-existing and early ischemic tissue structural signs to improve the efficiency of stroke care in the telestroke network*

The GHS team will work with USCSOMG researchers on analysis of pre and post r-tPA CT imaging data for reliability, validity to determine the presence or absence of pre-existing or combinations of imaging signs in acute ischemic stroke.

Project Dates: 04/01/2019 – 03/31/2021

Total: $163,578; Direct: $104,590; Indirect: $58,988

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Dr. Meenu Jindal  
**Agency for Healthcare Research and Quality (AHRQ) via Clemson**

*Optimizing care for people living with multiple chronic conditions: A Mindful Care Planning Training for Inter professional Care Teams*

The purpose of this project is to conduct a pilot intervention of introducing mindful communication as a combined training approach to develop care plans for patients with multiple Chronic Conditions (MCC), that are patient-centered and effective in enhancing self-efficacy, outcome expectations, satisfaction (both health- and job or role-related), and adherence.

Project Dates: 02/01/2019 – 01/31/2021

Total: $37,014; Direct: $23,666; Indirect: $13,348
The Office of Sponsored Programs reports that GHS faculty and staff members received the following 26 awards, totaling $2,130,524 during the third quarter of fiscal year 2018.

## Department of Pediatrics

### Dr. Bryce Nelson  
**National Institutes of Health via The University of North Carolina at Chapel Hill**

*Limited Competition for the Continuation of the SEARCH for Diabetes in Youth Cohort Study*

This is the annual incremental funding for this study.

- **Project Dates:** 9/25/2017 – 09/24/2018
- **Total:** $50,651; Direct: $32,385; Indirect: $18,266

### Dr. Bryce Nelson  
**National Institutes of Health via The University of North Carolina at Chapel Hill**

*SEARCH for Diabetes in Youth Registry Study Phase 4: Carolina Center (Component A)*

This is the annual incremental funding for this study.

- **Project Dates:** 9/30/2017 – 09/29/2018
- **Total:** $61,304; Direct: $39,197; Indirect: $22,107

### Dr. Bryce Nelson  
**National Institutes of Health via University of South Carolina**

*Impact of disparities in food security on glycemic control and health care utilization among youth and young adults with diabetes*

Dr. Nelson to serve as site PI in the SEARCH Food Security (SFS) cohort study, which is designed as an ancillary study to the ongoing CDC/DDT- and NIH/NIDDK-funded SEARCH for Diabetes in Youth 4 study, a racially/ethnically diverse study of diabetes diagnosed in youth. The aims of the SFS study are to: (1) Initiate a food insecurity cohort study of 1,187 YYAs aged 15-35 years (53% minority) with T1D and T2D by adding two data collection time points to the ongoing SEARCH 4 study; (2) Prospectively evaluate the influence of HFI on changes in glycemic control in YYAs with T1D and T2D; (3) Quantify the mediating role of nutritional, mental health, and behavioral pathways through which food insecurity may affect changes in glycemic control in YYAs with T1D and T2D; and (4) Prospectively evaluate the influence of HFI on changes in health care utilization and medical and non-medical health care costs in YYAs with T1D and T2D.

- **Project Dates:** 04/01/2018 – 03/31/2019
- **Total:** $13,967; Direct: $8,930; Indirect: $5,037

### Ericka Turner  
**KOA Care Camps**

*Camp Courage*

This funding will be used to support the GHS Children’s Hospital’s Camp Courage, which creates unforgettable recreational and educational experiences for children, teens, young adults, and families living with cancer or a blood disorder being treated at the BI-LO Charities Children’s Cancer Center.

- **Project Dates:** 06/01/2018 – 11/30/2018
- **Total/Direct:** $15,000
### Bridge funding to support the Middle Grades School-Based Health Centers

**Dr. Kerry Sease**  
**United Way of Greenville County**  
*Middle Grades – School Based Health Centers*

Bridge funding to support the Middle Grades School-Based Health Centers, includes access to comprehensive preventive and primary health care services at four middle schools in Greenville County: Berea Middle School, Tanglewood Middle School, Lakeview Middle School, and Greenville Early College.  
Project Dates: 07/01/2018 – 12/31/2018  
Total/Direct: $77,609

### Improving the Physical and Mental Health of Young Children Entering Foster Care in Greenville County

**Jane Witowski**  
**Greenville Health Authority via Pendleton Place**  
*Improving the Physical and Mental Health of Young Children Entering Foster Care in Greenville County*

Through funding support from Healthy Greenville 2036, we will add a staff position at The Bradshaw Institute/Help Me Grow SC to manage developmental screening data collection, provide care coordination, connection to services and conduct follow-up for families. Initial assessment data will be compared with follow-up survey data to measure improvements in developmental and behavioral health outcomes and to identify additional needs.  
Project Dates: 06/01/2018 – 05/31/2019  
Total/Direct: $66,654

### Learn the Signs. Act Early (LTSAE) Ambassadors Program

**Lorraine Cragan-Sullivan**  
**Association of Maternal and Child Health Programs**  
*Learn the Signs. Act Early (LTSAE) Ambassadors Program*

Additional funding received to support the LTSAE Ambassadors program.  
Project Dates: 05/01/2018 – 10/31/2018  
Total/Direct: $2,000

### Cribs for Kids

**Michelle Greco**  
**Sisk Foundation**  
*Cribs for Kids*

Funding will be used to purchase new portable cribs for the Upstate Cribs for Kids program, directly benefitting local families with the highest levels of need and no means to obtain a safe place for their infant to sleep.  
Project Dates: 05/01/2018 – 12/31/2018  
Total/Direct: $2,500

### Paladin Scholarships

**Dr. Jerry Youkey**  
**Sanders Family Foundation**  
*Paladin Scholarships*

Funding to support USCSOMG scholarships.  
Project Dates: 07/01/2018 – 06/30/2019  
Total/Direct: $50,000

### MedEx - Claflin University Pipeline Pilot Project

**Dr. Brenda Thames**  
**BlueCross BlueShield of South Carolina Foundation**  
*MedEx - Claflin University Pipeline Pilot Project*

Funding to support the creation of a pipeline from Claflin University into the GHS Medical Experience Academy and the formation of a consortium of institutions focused on increasing the pool of underrepresented minority students prepared to enter medical school.  
Project Dates: 01/01/2018 – 12/31/2019  
Total/Direct: $224,000
Dr. Mathew Hudson | Public Responsibility in Medicine and Research (PRIM&R)  
*Ethically Constructing and Utilizing a Biorepository*  
Funding will support the GHS Office of Human Research Protection in hosting a Regional Connections meeting to educate our academic partners on regulatory and ethical issues related to biorepository specimen use and access and allow for networking of research ethics professionals and researchers.  
Project Dates: 07/01/2018 – 08/31/2018  
Total/Direct: $1,000

**Department of Surgery**

Dr. Alfredo Carbonell | Foundation for Surgical Fellowships  
*MIS General Surgery Fellowship Grant*  
This funding will be used to support the GHS Surgery Fellowship program and is awarded based on criteria of excellence.  
Project Dates: 08/01/2019 – 07/31/2020  
Total/Direct: $20,000

**Emergency Management**

Kristen Kolleda | CDC via SC DHEC  
*Pediatric Evacuation Basket Racks*  
Funds to support the purchase of basket racks in case of pediatric evacuation and to participate in quarterly activity review with the South Carolina Department of Health and Environmental Control.  
Project Dates: 03/06/2018 – 06/30/2018  
Total/Direct: $33,638

Jordan Bradway | National Marrow Donor Program  
*RITN Center*  
This funding is to support GHS as a part of the Radiation Injury Treatment Network® (RITN), which prepares to respond to the medical surge resulting from a mass casualty incident with marrow toxic injuries. RITN Centers adopt, to the extent practical, the ARS treatment guidelines, donor selection criteria, data collection plan, and other related documents developed by the RITN Committees. RITN is a cooperative effort of the National Marrow Donor Program® (NMDP) and The American Society for Blood and Marrow Transplantation (ASBMT).  
Project Dates: 04/06/2018 – 08/31/2018  
Total/Direct: $8,000

**Department of Orthopaedic Surgery**

Dr. Kyle Jeray | Department of Defense via University of Maryland  
*PREPARE: A Pragmatic Randomized Trial Evaluating Pre-operative Antiseptic Skin Solutions in Fractured Extremities*  
A multicenter cluster-randomized crossover trial, the PREPARE trial will enroll 2,000 open fracture patients across 10 hospitals in the US to determine which pre-operative skin antiseptic solution is most effective at reducing infections associated with open fractures.  
Project Dates: 09/30/2017 – 09/29/2018  
Total: $59,432; Direct: $38,000; Indirect: $21,432
Dr. Brayton Shirley  
Smith & Nephew  
Steadman Hawkins Clinic of the Carolinas Fellowship Program

This funding will be used to prepare the next generation of adult reconstruction surgeons to enter clinical or academic practice capable of delivering high quality outcomes for primary and revision total joint arthroplasty.
Project Dates: 04/15/2018 – 04/14/2019  
Total/Direct: $20,000

Department of Obstetrics and Gynecology

Dr. Amy Crockett  
March of Dimes Foundation

Supporting SC OB Providers to Reduce Preterm Births through CenteringPregnancy Group Prenatal Care

Funding to support the obstetric providers implementing the CenteringPregnancy group prenatal care throughout South Carolina by providing training, technical assistance, and materials as well as data analysis of the birth outcomes resulting from the program.
Project Dates: 04/01/2018 – 03/31/2019  
Total: $26,000; Direct: $23,636; Indirect: $2,364

Dr. Amy Crockett  
National Institutes of Health via Northshore University HealthSystem

Psychosocial Intervention, Maternal Inflammation, and Birth Outcomes: Centering vs. Routine Prenatal Care (PIINC) Study

Funding to support this ancillary study which uses a population of women enrolled in a randomized, controlled trial investigating the efficacy of CenteringPregnancy group prenatal care compared with individual prenatal care on rates of preterm birth and racial disparities in birth outcomes in an underserved population to examine biomarkers of stress and inflammation in maternal serum, fetal cord blood, and placental specimens.
Project Dates: 04/13/2018 – 03/31/2019  
Total: $299,572; Direct: $191,542; Indirect: $108,030

Department of Internal Medicine

Dr. Melissa Bailey  
Greenville Health Authority via Furman University

Addressing Health-Harming Legal Barriers in the Senior Population of Greenville

This project will expand the existing Medical Legal Partnership (MLP) to directly address critical health-harming civil legal barriers facing vulnerable geriatric populations, which will lead to reduced socio-economic barriers to health and improved health outcomes for this population. GHS will provide the locations for the MLP Geriatric program and access to the patients, as well as facilitate the integration of MLP tracking capabilities into the electronic medical records (EPIC) used throughout the System.
Project Dates: 06/01/2018 – 05/31/2019  
Total/Direct: $113,732

Michelle Stancil  
Eat Smart Move More

Diabetes Prevention

Funding to support the implementation of two sessions of the National Diabetes Prevention Program curriculum.*
Project Dates: 05/08/2018 – 09/29/2018  
Total/Direct: $3,052
Dr. Alain Litwin  National Institutes of Health

**Intensive Models of HCV Care for Injection Drug Users**

Injection drug users (IDUs) constitute 60% of the approximately 5 million people in the U.S. infected with hepatitis C virus (HCV). Up to 90% of HIV-infected IDUs are also infected with HCV. HCV treatment leading to sustained viral response (SVR) is associated with increased survival, but to date IDUs have had poor access to HCV care and their success in HCV treatment has been limited. To determine optimal models of care for the majority of HCV-infected patients, we are proposing a randomized controlled trial of three models of care.

**Project Dates:** 12/02/2017 – 06/30/2019

**Total:** $98,913; **Direct:** $63,244; **Indirect:** $35,669

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**Department of Emergency Medicine**

Dr. Brandon Dawson  Greenville Health Authority via Greenville County EMS

**Improved Access to Acute Episodic Care through Integrated Prehospital Care Response**

Through this partnership, GHS will train up to 1200 firefighters to be first responders, which will enhance the prehospital chair of care and improve access to healthcare through standardized response configurations and abilities while improving and expanding the healthcare workforce.

**Project Dates:** 10/01/2017 – 09/30/2018

**Total/Direct:** $200,000

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**Cancer Institute**

**Kerri Susko  Cancer Support Community**

**Frankly Speaking about Cancer: Multiple Myeloma**

Funding to support hosting a Frankly Speaking About Cancer workshop pertaining to Multiple Myeloma.

**Project Dates:** 03/01/2018 – 12/15/2018

**Total/Direct:** $1,000

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**Kerri Susko  Cancer Support Community**

**Frankly Speaking about Cancer: Bone Health**

Funding to support hosting a Frankly Speaking About Cancer workshop pertaining to Bone Health.

**Project Dates:** 03/01/2018 – 12/15/2018

**Total/Direct:** $2,500

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**Clinical Integration**

**Candice Hipp  The Duke Endowment**

**Accountable Communities / Health Extension Project**

Funding support to expand the collaborative work with Clemson under the Health Extension program and implement a hypertension self-management program.

**Project Dates:** 06/01/2018 – 05/31/2020

**Total/Direct:** $180,000; **Cost Share:** $88,851

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**Anne Marie Maertens  The Duke Endowment**

**AccessHealth Greenville/Laurens**

Funding to expand a community network of care for the low-income, uninsured in Greenville and Laurens counties.

**Project Dates:** 06/01/2018 – 05/31/2020

**Total/Direct:** $500,000; **Cost Share:** $293,289
Greenville Health System – Scholarly Activities*
Fiscal Year 2018 – Quarter 3

*Peer-reviewed publications reported in Digital Measures for Quarter 3 FY 18.

Biomedical Sciences

Peer Reviewed Journals & Abstracts


Book/Book Chapters


Emergency Medicine

Peer Reviewed Journals & Abstracts


Family Medicine

Peer Reviewed Journals & Abstracts


Medicine

Peer Reviewed Journals & Abstracts


Obstetrics and Gynecology

Peer Reviewed Journals & Abstracts


2. Matson, B. C. (Author), Quinn, K. E. (Author), Lessey, B. (Author), Young, S. L. (Author), Caron, K. M. (Author). Elevated levels of adrenomedullin in eutopic endometrium and plasma from women with endometriosis. Fertility and sterility. 2018 Jun 2. PMID: 29871794
Orthopaedics

Peer Reviewed Journals & Abstracts


Pathology

Peer Reviewed Journals & Abstracts


Peer Reviewed Journals & Abstracts

1. Blomquist, K. K. (Author), Griffin, S. F. (Author), Blomquist (Author), Schmalz, D. L. (Author), Sease, K. K. (Author), Reeves, C. B. (Author), (Author). Behavioral and Psychological Predictors of BMI Reduction in Children Seeking Treatment at a Hospital Clinic’s Family-Based Pediatric Weight Management Program. 2018 Apr 23.*


BOOKS/BOOK CHAPTERS


Radiology

Peer Reviewed Journals & Abstracts


2. Gainey, J. (Author), Brechtel, L. (Author), Konklin, S. (Author), Madeline, L. A. (Author), Lowther, E. (Author), Blum, B. (Author), Nathaniel, T. (Author). In a stroke cohort with incident hypertension; are more women than men likely to be excluded from recombinant tissue-type Plasminogen Activator (rtPA)? Journal of the Neurological Sciences. Elsevier BV. 2018 Apr;387: p. 139-146.*


Surgery

Peer Reviewed Journals & Abstracts


BOOKS/BOOK CHAPTERS