Academic Program Review – Faculty Grants

Kennesaw State University
January 1, 2020 - December 31, 2020

Department of Computer Science

Aledhari, Mohammed (Assistant Professor)

Funded
Jung, Kyunghun (Principal), Labriola, Jack T (Principal), McFall, Kevin S. (Co-Principal), Bhattacharya, Sylvia (Co-Principal), Aledhari, Mohammed (Co-Principal), "CHSS 2020-2021 Faculty Scholarship Support Grant Program," Sponsored by KSU CHSS, Kennesaw State University, $15,000.00. (May 2020 - April 2022).

Funded
Aledhari, Mohammed, "2019-2020 R2 Research Success Faculty Learning Community," Sponsored by Kennesaw State University, Kennesaw State University, $1,000.00. (2019 - 2020).

Funded
Meimandi Parizi, Reza - (Principal), Pouriyeh, Seyedamin (Co-Principal), Bobbie, Patrick (Co-Principal), Aledhari, Mohammed (Co-Principal), "Federated Learning on Decentralized Data," Kennesaw State University, $29,400.00. (December 2019 - May 2020).

Funded
McFall, Kevin (Principal), Aledhari, Mohammed (Co-Principal), "Autonomous Vehicle Sensor Undergraduate Training," Sponsored by DENSO North America Foundation (DNAF), Private, $30,000.00. (July 15, 2019 - May 1, 2020).

Currently Under Review
Aledhari, Mohammed, "Deep CNNs-Based Big Genomics Dataset Representation and Analytics in a Reduced-format," Sponsored by NIH R15 Academic Research Enhancement Award for Undergraduate-Focused Institutions, Kennesaw State University, $300,000.00. (2020 - 2023).

Currently Under Review
Aledhari, Mohammed, "Deep CNNs-Based Big Genomics Dataset Representation and Analytics in a Reduced-Format," Sponsored by NSF National Science Foundation, Kennesaw State University, $174,879.00. (2020 - 2023).

Currently Under Review
Aledhari, Mohammed, "Psychophysics and Reinforcement-based Classification Solutions for Chest Radiograph Diagnosis," Sponsored by NIH R15 Academic Research Enhancement Award for Undergraduate-Focused Institutions, Kennesaw State University, $300,000.00. (2020 - 2023).

Aygun, Ramazan (Associate Professor)

Funded
Aygun, Ramazan, Zhang, Yifan, Priestley, Jennifer Carroll Lewis, "The Travelers," Sponsored by The Travelers Companies, $57,120.00. (September 2020 - Present).

Funded

Aygun, Ramazan, "Research on a Comprehensive Security Solution for Big Data Platforms," Sponsored by LexisNexis, Private, $90,000.00. (2020 - Present).

Currently Under Review

Bhavsar, Parth (Principal), Kihei, Billy (Co-Principal), Chakravarty, Sumit (Co-Principal), Aygun, Ramazan (Co-Principal), Karim, Mohammed A. (Co-Principal), Seo, Youngguk (Co-Principal), Mehta, Yusuf (Co-Principal), Bouaynaya, Nidhal (Co-Principal), "Intelligent Pavement Distress Monitoring System," Sponsored by GDOT, State, $400,000.00. (2020 - Present).

Bobbie, Patrick (Professor)

Funded

He, Selena (Principal), Bobbie, Patrick, Garrido, Jose M., Gayler, Richard A., Hung, Chih-Cheng, "Developing No-Cost-to-Student Learning Materials for Core Computer Science Courses in Bachelor of Science in Computer Science (BSCS) Program," Sponsored by Board of Regents of the University System of Georgia (BoR, State, $30,000.00. (August 2019 - December 2020).

Funded

Meimandi Parizi, Reza - (Principal), Pouriyeh, Seyedamin (Co-Principal), Bobbie, Patrick (Co-Principal), Aledhari, Mohammed (Co-Principal), "Federated Learning on Decentralized Data," Kennesaw State University, $29,400.00. (December 2019 - May 2020).

Garrido, Jose (Professor)

Funded

He, Selena (Principal), Bobbie, Patrick, Garrido, Jose M., Gayler, Richard A., Hung, Chih-Cheng, "Developing No-Cost-to-Student Learning Materials for Core Computer Science Courses in Bachelor of Science in Computer Science (BSCS) Program," Sponsored by Board of Regents of the University System of Georgia (BoR, State, $30,000.00. (August 2019 - December 2020).

He, Selena (Associate Professor)

Funded

He, Selena, "ALG Mini-grant," State, $2,800.00. (August 2020 - August 2021).

Funded

He, Selena, Han, Meng, "IoT Lab & Research Group," Sponsored by CCSE, Kennesaw State University, $38,200.00. (January 2020 - December 2020).

Funded

He, Selena (Principal), Bobbie, Patrick, Garrido, Jose M., Gayler, Richard A., Hung, Chih-Cheng, "Developing No-Cost-to-Student Learning Materials for Core Computer Science Courses in Bachelor of Science in Computer Science (BSCS) Program," Sponsored by Board of Regents of the University System of Georgia (BoR, State, $30,000.00. (August 2019 - December 2020).

of research I^3, Kennesaw State University, $74,991.00. (March 1, 2020 - Present).

Currently Under Review

He, Selena, Han, Meng, Li, Lin, Jin, Yi, "RET Site - DISS: Improve STEM Research Experiences for K-12 Educators via University-Industry Partnerships through the Vehicle of Data-Driven Intelligent and Secure IoT Systems," Sponsored by NSF RET, Federal, $600,000.00. (January 2020 - December 2020).

Hung, Chih-Cheng (Professor)

Funded

Hung, Chih-Cheng, "Predicting Buying Behavior Using Machine Learning," Sponsored by InComm Company, Private, $2,000.00. (August 2020 - December 2020).

Funded

He, Selena (Principal), Bobbie, Patrick, Garrido, Jose M., Gayler, Richard A., Hung, Chih-Cheng, "Developing No-Cost-to-Student Learning Materials for Core Computer Science Courses in Bachelor of Science in Computer Science (BSCS) Program," Sponsored by Board of Regents of the University System of Georgia (BoR, State, $30,000.00. (August 2019 - December 2020).

Funded

Hung, Chih-Cheng, "Advancing Research - Machne Vision Lab (CCSE Research Pillar)," Sponsored by KSU - CCSE, Kennesaw State University, $80,900.00. (December 2019 - April 1, 2020).

Karakaya, Mahmut (Assistant Professor)

Funded

Karakaya, Mahmut, "SaTC:CORE:Small:RUI: Improving Performance of Standoff Iris Recognition Systems Using Deep Learning Frameworks," Sponsored by NSF, Federal, $259,316.00. (October 1, 2019 - September 30, 2022).

Lee, Ahyoung (Assistant Professor)

Funded

Lee, Ahyoung (Supporting), Roh, Soonhee (Principal), "Intervention to Promote Breast Cancer Screening Among American Indian Women (Mobile Web App)," Sponsored by NIH/Dakota Cancer Collaborative on Translational Activity (DaCCoTA) Grant Program, Federal, $468,845.00. (April 20, 2020 - March 14, 2023).

Lo, Dan (Professor)

Funded

Lo, Dan Chia-Tien, "Social Media in China: Influence, Identity, and Information," Sponsored by Department of State, Federal, $0.00. (June 1, 2019 - May 31, 2021).

Funded

Shaw, Alan (Co-Principal), North, Sarah M. (Principal), Lo, Dan Chia-Tien (Co-Principal), Shi, Yong (Co-Principal), Xu, Xiaohua (Co-Principal), "ALG: Developing More Affordable No-Cost-To-Student Learning Materials For Required Core Courses in Undergraduate Computer Science Programs (BSCS) – Department-Wide Transformation," Sponsored by

Affordable Learning Georgia, Kennesaw State University, $30,000.00. (February 24, 2020 - March 5, 2021).

Funded
Lo, Dan Chia-Tien, "Disinformation Detection and Automatic Mitigation," Sponsored by Department of State, Federal, $0.00. (January 1, 2020 - January 31, 2021).

Funded
Lo, Dan Chia-Tien (Principal), Preston, Jon A. (Co-Principal), "Intelliteach Business Process Improvement Using Machine Learning," Sponsored by Intelliteach Inc., Private, $25,000.00. (January 1, 2018 - December 1, 2020).

Funded
Li, Lei, Han, Meng, Xie, Ying, Shahriar, Hossain Mohammad, Xu, Xiaohua, Lo, Dan Chia-Tien, Kim, Dong-Hyun, Son, Junggab, Huang, Yan, "Research Pillars," Sponsored by CCSE, Kennesaw State University, $81,319.00. (December 1, 2019 - April 2020).

Currently Under Review
Shahriar, Hossain Mohammad (Principal), Whitman, Michael (Co-Principal), Lo, Dan Chia-Tien (Co-Principal), Mattord, Herbert (Co-Principal), Qian, Kai (Supporting), "Collaborative Research: SFS Program: National Cyber Work Force Development (CyForce)@KSU-FAMU," Sponsored by National Science Foundation, Federal, $2,373,225.00. (December 2020 - Present).

Currently Under Review
Lo, Dan Chia-Tien, "Experimental Tuning Machine Learning for Cybersecurity," Sponsored by National Science Foundation, Federal, $300,000.00. (September 1, 2020 - August 31, 2023).

Currently Under Review
Shahriar, Hossain (Principal), Whitman, Michael (Co-Principal), Lo, Dan Chia-Tien (Co-Principal), "SaTC:EDU: Case Study Based Portable Hands on Labware for Machine Leaning to Cybersecurity," Sponsored by National Science Foundation, Federal, $279,630.00. (August 1, 2020 - July 31, 2023).

North, Sarah (Senior Lecturer)

Funded
North, Sarah M. (Principal), "ALG: Developing Affordable No-Cost-To-Student Learning Materials For Continuous Improvement Grants," Sponsored by USG - University System of Georgia, State, $2,800.00. (October 23, 2020 - December 20, 2021).

Funded
North, Sarah M. (Principal), "FLC - Faculty Learning Communities - Chancellor’s Learning Scholar from University Georgia System," Sponsored by University System of Georgia, State, $1,500.00. (August 20, 2020 - May 30, 2021).

Funded
Shaw, Alan (Co-Principal), North, Sarah M. (Principal), Lo, Dan Chia-Tien (Co-Principal), Shi, Yong (Co-Principal), Xu, Xiaohua (Co-Principal), "ALG: Developing More Affordable No-Cost-To-Student Learning Materials For Required Core Courses in Undergraduate Computer Science Programs (BSCS) – Department-Wide Transformation," Sponsored by Affordable Learning Georgia, Kennesaw State University, $30,000.00. (February 24, 2020 - March 5, 2021).

Funded

North, Sarah M. (Other), "Chancellor's Learning Scholar from University Georgia System," Sponsored by University Georgia System (UGA), State, $1,500.00. (August 2, 2019 - May 30, 2020).

Shaw, Alan (Assistant Professor)

Funded

Shaw, Alan (Principal), Lawler, Brian (Co-Principal), Muralidhar, Deepa (Co-Principal), "Supporting computational thinking for middle school mathematics students through diagrammatic reasoning and representational logic," Sponsored by NSF, Kennesaw State University, $498,276.00. (December 1, 2020 - December 31, 2023).

Funded

Shaw, Alan (Co-Principal), North, Sarah M. (Principal), Lo, Dan Chia-Tien (Co-Principal), Shi, Yong (Co-Principal), Xu, Xiaohua (Co-Principal), "ALG: Developing More Affordable No-Cost-To-Student Learning Materials For Required Core Courses in Undergraduate Computer Science Programs (BSCS) – Department-Wide Transformation," Sponsored by Affordable Learning Georgia, Kennesaw State University, $30,000.00. (February 24, 2020 - March 5, 2021).

Shi, Yong (Associate Professor)

Funded

Shaw, Alan (Co-Principal), North, Sarah M. (Principal), Lo, Dan Chia-Tien (Co-Principal), Shi, Yong (Co-Principal), Xu, Xiaohua (Co-Principal), "ALG: Developing More Affordable No-Cost-To-Student Learning Materials For Required Core Courses in Undergraduate Computer Science Programs (BSCS) – Department-Wide Transformation," Sponsored by Affordable Learning Georgia, Kennesaw State University, $30,000.00. (February 24, 2020 - March 5, 2021).

Funded

Suo, Kun (Principal), Shi, Yong (Co-Principal), "SunTrust Grant Fellow," Sponsored by SunTrust Foundation, Private, $9,000.00. (January 2020 - December 2020).

Funded

Suo, Kun, Shi, Yong, "Advancing Research – Foundations and Systems," $32,600.00. (January 6, 2020 - May 4, 2020).

Son, Junggab (Assistant Professor)

Funded

Son, Junggab, "Research Gift - Boba Robo," Sponsored by Boba Robo Co., Kennesaw State University, $15,000.00. (July 1, 2020 - July 2021).

Funded

Son, Junggab (Principal), "Research on ICT core technologies and cultivation of innovative talents to lead next-generation smart healthcare," Sponsored by IITP, South Korea, Kennesaw State University, $199,737.92. (July 1, 2019 - June 30, 2021).

Funded

Son, Junggab, "Study on Policy of Blockchain Technology in Korean Government System," Sponsored by Ministry of Science and ICT Korea, Kennesaw State University, $7,000.00. (August 1, 2018 - June 30, 2021).

Funded
Meimandi Parizi, Reza (Principal), Son, Junggab (Principal), "A Federated Approach to Feature Extraction from Fashion Item Images," Sponsored by Oracle, Kennesaw State University, $100,000.00. (June 1, 2020 - May 31, 2021).

Funded
Son, Junggab (Principal), Meimandi Parizi, Reza (Principal), "A Federated Approach to Image Feature Extraction," Sponsored by Oracle, Kennesaw State University, $200,000.00. (June 1, 2019 - May 31, 2021).

Funded
Son, Junggab, "Investigating Security Strategy for Wireless Communications and Reliable IoT Platforms," Sponsored by Institute for National Security Strategy of South Korea, Kennesaw State University, $7,000.00. (September 1, 2018 - February 28, 2021).

Funded
Kim, Dong-Hyun (Principal), Son, Junggab (Co-Principal), "The Study on the Automation of Red Team Behavior and the Methodology to Build Critical Infrastructure Cyber Range for Large-scale Cyber Defense Training," Sponsored by National Security Research Institute (NSR), South Korea, Kennesaw State University, $80,000.00. (April 1, 2019 - September 30, 2020).

Funded
Kim, Dong-Hyun (Principal), Kang, Mingon (Co-Principal), Son, Junggab (Co-Principal), "Development of Online Log Correlation Analysis System on HPCC Systems Platform," Sponsored by LexisNexis, Private, $50,000.00. (April 1, 2019 - September 30, 2020).

Funded
Li, Lei, Han, Meng, Xie, Ying, Shahriar, Hossain Mohammad, Xu, Xiaohua, Lo, Dan Chia-Tien, Kim, Dong-Hyun, Son, Junggab, Huang, Yan, "Research Pillars," Sponsored by CCSE, Kennesaw State University, $81,319.00. (December 1, 2019 - April 2020).

Funded
Son, Junggab (Co-Principal), Kim, Donghyun (Principal), "Security Strategy for Secure Wireless Communication and Reliable IoT platforms," Sponsored by Institute for National Security Strategy, South Korea, $7,000.00. (September 1, 2018 - February 28, 2020).

Currently Under Review
Son, Junggab, "Development and Implementation of Hierarchical Blockchain Technology suitable for Fog/Edge Computing-based IoT Environment," Sponsored by Institute of Information & Communications Technology Planning & Evaluation (IITP), South Korea Government Agency, Kennesaw State University, $69,000.00. (July 1, 2019 - January 1, 2020).

Suo, Kun (Assistant Professor)

Funded
Suo, Kun, "First Year Scholars Program," Sponsored by The Office of Undergraduate Research, Kennesaw State University, $2,000.00. (September 2020 - May 2021).

Funded

Suo, Kun, "Seed Funding," Sponsored by The Office of Research, Kennesaw State University, $14,937.00. (June 2020 - May 2021).

Funded
Suo, Kun (Principal), Shi, Yong (Co-Principal), "SunTrust Grant Fellow," Sponsored by SunTrust Foundation, Private, $9,000.00. (January 2020 - December 2020).

Funded
Suo, Kun, Shi, Yong, "Advancing Research – Foundations and Systems," $32,600.00. (January 6, 2020 - May 4, 2020).

Xu, Xiaohua (Assistant Professor)

Funded
Xu, Xiaohua, "Fintech Course Development," Sponsored by CCSE, Kennesaw State University, $3,000.00. (2019 - Present).

Funded
Shaw, Alan (Co-Principal), North, Sarah M. (Principal), Lo, Dan Chia-Tien (Co-Principal), Shi, Yong (Co-Principal), Xu, Xiaohua (Co-Principal), "ALG: Developing More Affordable No-Cost-To-Student Learning Materials For Required Core Courses in Undergraduate Computer Science Programs (BSCS) – Department-Wide Transformation," Sponsored by Affordable Learning Georgia, Kennesaw State University, $30,000.00. (February 24, 2020 - March 5, 2021).

Funded
Xu, Xiaohua, "CCSE Innovations Course Proposal: Deep Learning for Cybersecurity," Sponsored by CCSE, Kennesaw State University, $4,000.00. (October 26, 2019 - December 15, 2020).

Funded
Xu, Xiaohua, "Graduate College's Competitive Graduate Assistantship Grant," Kennesaw State University, $3,850.00. (August 19, 2019 - May 14, 2020).

Funded
Li, Lei, Han, Meng, Xie, Ying, Shahriar, Hossain Mohammad, Xu, Xiaohua, Lo, Dan Chia-Tien, Kim, Dong-Hyun, Son, Junggab, Huang, Yan, "Research Pillars," Sponsored by CCSE, Kennesaw State University, $81,319.00. (December 1, 2019 - April 2020).

Currently Under Review
Xu, Xiaohua, "ITLogic, Inc Research Grant," Private, $10,000.00. (2019 - Present).

Department of Information Technology

Halstead-Nussloch, R (Professor)

Funded
Keyvanfar, Ali, Halstead-Nussloch, Richard, Jiang, Binbin, Zhang, Xinyan, "COVID-19 behavioral change survey (GA)," Sponsored by Minor Anderson Family Foundation, Private, $6,000.00. (November 2020 - Present).

Funded
Rutherfoord, Rebecca, Valero, Maria A, Halstead-Nussloch, Richard, Pouriyeh, Seyedamin, "ALG Round 18 IT6853, IT6883, IT4853," Sponsored by Board of Regents of the University System of Georgia (BOR), State, $24,000.00. (December 2020 - December 2021).

Funded
Li, Lei (Principal), Halstead-Nussloch, Richard (Co-Principal), Xie, Ying (Co-Principal), Shahriar, Hossain Mohammad (Co-Principal), Han, Meng (Co-Principal), "Developing a more affordable Masters Science in Information Technology (MSIT) Program Using No-Cost-to-Student Learning Material," Sponsored by Affordable Learning Georgia, State, $30,000.00. (January 2019 - May 2020).

Han, Meng (Assistant Professor)

Funded
Andrade, Gustavo (Principal), Li, Lin (Supporting), Han, Meng (Supporting), "Forecasting U.S. domestic airline passenger demand during a pandemic," Sponsored by Kennesaw State University, $975.99. (August 7, 2020 - Present).

Funded
Sison, Nicolai (Principal), Li, Lin (Supporting), Han, Meng (Supporting), "KSU Undergraduate Research & Creative Activities Funding Award," Sponsored by Kennesaw State University, $963.00. (August 7, 2020 - Present).

Funded
Li, Lin (Principal), Keyser, Robert S. (Co-Principal), Han, Meng NA (Co-Principal), "Developing No-Cost-to-Student Learning Materials for Systems and Industrial Engineering Undergraduate Simulation and Engineering Application Courses," Sponsored by Department of Systems and Industrial Engineering, State, $11,800.00. (November 1, 2019 - Present).

Funded
Li, Lei (Principal), Han, Meng (Co-Principal), Li, Zhigang (Co-Principal), Le, Linh (Co-Principal), Cooper, Sarah (Co-Principal), Handlin, Michael (Supporting), "ALG Round 18 Continuous Improvement Grant," Sponsored by Affordable Learning Georgia, State, $10,000.00. (October 30, 2020 - December 30, 2021).

Funded
Han, Meng N/A (Principal), Tian, Shirley (Co-Principal), "ALG Mini Grant - IT 4323 Data Communication," State, $4,800.00. (January 2020 - December 2020).

Funded
He, Selena, Han, Meng, "IoT Lab & Research Group," Sponsored by CCSE, Kennesaw State University, $38,200.00. (January 2020 - December 2020).

Funded

Rutherfoord, Rebecca (Principal), Shahriar, Hossain Mohammad (Co-Principal), VandeVen, Susan Hatke (Co-Principal), Li, Zhigang (Co-Principal), Han, Meng (Co-Principal), Zheng, Guangzhi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost BSIT Degree Program," Sponsored by Affordable Learning Georgia- USG, Kennesaw State University, $30,000.00. (October 2019 - December 2020).

Funded

Han, Meng, "An analytics toolbox for business data," Sponsored by AI KNIGHTS, Private, $4,000.00. (December 2018 - December 2020).

Funded

Li, Lei, Han, Meng, "ALG Mini Grant - IT 6833 Wireless Security," State, $4,800.00. (January 2020 - July 2020).

Funded

Ray, Herman Eugene, Han, Meng, "Department of Juvenile Justice Research Laboratory," Sponsored by Department of Juvenile Justice, State, $38,000.00. (July 1, 2019 - June 30, 2020).

Funded

Li, Lei (Principal), Halstead-Nussloch, Richard (Co-Principal), Xie, Ying (Co-Principal), Shahriar, Hossain Mohammad (Co-Principal), Han, Meng (Co-Principal), "Developing a more affordable Masters Science in Information Technology (MSIT) Program Using No-Cost-to-Student Learning Material," Sponsored by Affordable Learning Georgia, State, $30,000.00. (January 2019 - May 2020).

Funded

Han, Meng (Principal), Zheng, Guangzhi (Co-Principal), "Advanced Web Innovation: Developing No-Cost-to-Student Learning Materials for Advanced Web Development Topics and Courses," Sponsored by Affordable Learning Georgia, State, $10,800.00. (January 1, 2019 - May 1, 2020).

Funded

Li, Lei, Han, Meng, Xie, Ying, Shahriar, Hossain Mohammad, Xu, Xiaohua, Lo, Dan Chia-Tien, Kim, Dong-Hyun, Son, Junggab, Huang, Yan, "Research Pillars," Sponsored by CCSE, Kennesaw State University, $81,319.00. (December 1, 2019 - April 2020).

Funded

Han, Meng (Principal), Zheng, Guangzhi (Co-Principal), Xie, Ying (Co-Principal), "Innovation in Data Analytics: Developing No-Cost-to- Student Learning Materials for Fundamental Data Analytics Topics and Courses," Sponsored by Affordable Learning Georgia, State, $15,800.00. (May 1, 2019 - April 1, 2020).

Currently Under Review

Han, Meng (Principal), "SES:Blockchains, Collaborative Auditing, and Financial Reporting," Sponsored by NSF, Federal, $51,172.00. (December 15, 2019 - January 14, 2021).

Currently Under Review

He, Selena, Han, Meng, Li, Lin, Jin, Yi, "RET Site - DISS: Improve STEM Research Experiences for K-12 Educators via University-Industry Partnerships through the Vehicle of Data-Driven Intelligent and Secure IoT Systems," Sponsored by NSF RET, Federal, $600,000.00. (January 2020 - December 2020).

Currently Under Review

Han, Meng (Principal), "Blockchains, Collaborative Auditing, and Financial Reporting," Sponsored by NSF, Federal, $51,172.00. (December 1, 2019 - August 1, 2020).

Currently Under Review
Han, Meng (Principal), "CRII: SaTC: RUI: ATTACK AND DEFENSE IN DEEP LEARNING FOR IMAGE COMPLIANCE CHECKING," Sponsored by NSF, Federal, $174,360.00. (August 1, 2019 - August 1, 2020).

Currently Under Review
Han, Meng (Principal), "Data Privacy Protection for Internet of Things," Sponsored by Creative Activities and Research Experiences for Teams (CARET) Program, Kennesaw State University, $8,000.00. (June 1, 2019 - June 1, 2020).

Li, Lei, Han, Meng, "Promoting Information Security Policy Compliance – An Action Research Enabled Empirical Study," Sponsored by SunTrust, Kennesaw State University, $9,000.00. (February 2020 - July 2021).

Le, Linh (Assistant Professor)

Funded
Xie, Ying, Chakravarty, Sumit, Le, Linh, Ordonez, Pablo, Hales, Michael Earl, Johnson II, John D., "An Intelligent Cyber Physical Social System for Action Intelligence," Sponsored by Office of Research (Interdisciplinary Innovation Initiative -I3), Kennesaw State University, $50,000.00. (August 2020 - Present).

Funded
Li, Lei (Principal), Han, Meng (Co-Principal), Li, Zhigang (Co-Principal), Le, Linh (Co-Principal), Cooper, Sarah (Co-Principal), Handlin, Michael (Supporting), "ALG Round 18 Continuous Improvement Grant," Sponsored by Affordable Learning Georgia, State, $10,000.00. (October 30, 2020 - December 30, 2021).

Funded
Le, Linh, "Alcon Data Science Research Lab," Sponsored by Alcon Inc., Private, $5,500.00. (May 2020 - July 2020).

Li, Lei (Professor)

Funded
Li, Lei (Principal), Han, Meng (Co-Principal), Li, Zhigang (Co-Principal), Le, Linh (Co-Principal), Cooper, Sarah (Co-Principal), Handlin, Michael (Supporting), "ALG Round 18 Continuous Improvement Grant," Sponsored by Affordable Learning Georgia, State, $10,000.00. (October 30, 2020 - December 30, 2021).

Funded
Shahriar, Hossain Mohammad (Principal), Li, Lei (Co-Principal), Pouriyeh, Seyedamin (Co-Principal), Tian, Shirley (Co-Principal), Zhang, Chi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost MSIT Degree Program," $30,000.00. (October 2019 - December 2020).

Funded
Li, Lei, Han, Meng, "ALG Mini Grant - IT 6833 Wireless Security," State, $4,800.00. (January 2020 - July 2020).

Funded

Li, Lei (Principal), Halstead-Nussloch, Richard (Co-Principal), Xie, Ying (Co-Principal), Shahriar, Hossain Mohammad (Co-Principal), Han, Meng (Co-Principal), "Developing a more affordable Masters Science in Information Technology (MSIT) Program Using No-Cost-to-Student Learning Material," Sponsored by Affordable Learning Georgia, State, $30,000.00. (January 2019 - May 2020).

Funded

Li, Lei, Han, Meng, Xie, Ying, Shahriar, Hossain Mohammad, Xu, Xiaohua, Lo, Dan Chia-Tien, Kim, Dong-Hyun, Son, Junggab, Huang, Yan, "Research Pillars," Sponsored by CCSE, Kennesaw State University, $81,319.00. (December 1, 2019 - April 2020).

Li, Zhigang (Assistant Professor)

Funded

Li, Lei (Principal), Han, Meng (Co-Principal), Li, Zhigang (Co-Principal), Le, Linh (Co-Principal), Cooper, Sarah (Co-Principal), Handlin, Michael (Supporting), "ALG Round 18 Continuous Improvement Grant," Sponsored by Affordable Learning Georgia, State, $10,000.00. (October 30, 2020 - December 30, 2021).

Funded

Tian, Shirley, Li, Zhigang, "Suntrust Grant Fellow: Collaborative Guided Learning Pedagogy for Information Security Topics," Sponsored by SunTrust, Other, $8,979.00. (June 1, 2020 - June 30, 2021).

Funded

Tian, Shirley, Li, Zhigang, "Diplomacy Lab Fall 2020 Project：Analyzing Risk Communication and Behavioral Change During The COVID-19 Pandemic," Sponsored by U.S. Department of State, Federal. (August 2020 - December 2020).

Funded

Rutherfoord, Rebecca (Principal), Shahriar, Hossain Mohammad (Co-Principal), VandeVen, Susan Hatke (Co-Principal), Li, Zhigang (Co-Principal), Han, Meng (Co-Principal), Zheng, Guangzhi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost BSIT Degree Program," Sponsored by Affordable Learning Georgia- USG, Kennesaw State University, $30,000.00. (October 2019 - December 2020).

Funded

Tian, Shirley, Li, Zhigang, "Collaborative Guided Learning Pedagogy for Information Security Topics," Sponsored by Kennesaw State University OVPR, Kennesaw State University, $14,042.00. (August 1, 2019 - April 30, 2020).

Pouriyeh, Seyedamin (Assistant Professor)

Funded

Meimandi Parizi, Reza (Principal), Pouriyeh, Seyedamin (Principal), "FL-IDS: Federated Learning for Effective Intrusion Detection System in IoT Mobile Attacks," Sponsored by Suntrust, $9,000.00. (2020 - Present).

Funded

Rutherfoord, Rebecca, Valero, Maria A, Halstead-Nussloch, Richard, Pouriyeh, Seyedamin, "ALG Round 18 IT6853, IT6883, IT4853," Sponsored by Board of Regents of the

University System of Georgia (BOR), State, $24,000.00. (December 2020 - December 2021).

Funded
Pouriyeh, Seyedamin, "Graduate Research Assistant Fellowship (Tier 2)," Sponsored by Kennesaw State University - Graduate College, $9,000.00. (August 2020 - May 2021).

Funded
Pouriyeh, Seyedamin, "Graduate Research Assistant Fellowship (Tier 3)," Sponsored by Kennesaw State University - Graduate College, $12,000.00. (August 2020 - May 2021).

Funded
Pouriyeh, Seyedamin, "MS Cyber online course development - CYBR 4883," Sponsored by Kennesaw State University - MS-Cybersecurity, $1,000.00. (2020 - December 2020).

Funded
Pouriyeh, Seyedamin, "MS Cyber online course development - CYBR 7240," Sponsored by Kennesaw State University - MS-Cybersecurity, $5,000.00. (2020 - December 2020).

Funded
Shahriar, Hossain Mohammad (Principal), Li, Lei (Co-Principal), Pouriyeh, Seyedamin (Co-Principal), Tian, Shirley (Co-Principal), Zhang, Chi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost MSIT Degree Program," $30,000.00. (October 2019 - December 2020).

Funded
Pouriyeh, Seyedamin, "Graduate Research Assistant Fellowship - three positions (Tier 2)," Sponsored by Kennesaw State University - Graduate College, $6,000.00. (June 2020 - August 2020).

Funded
Meimandi Parizi, Reza - (Principal), Pouriyeh, Seyedamin (Co-Principal), Bobbie, Patrick (Co-Principal), Aledhari, Mohammed (Co-Principal), "Federated Learning on Decentralized Data," Kennesaw State University, $29,400.00. (December 2019 - May 2020).

Rutherfoord, Becky (Professor)

Funded
Rutherfoord, Rebecca, Valero, Maria A, Halstead-Nussloch, Richard, Pouriyeh, Seyedamin, "ALG Round 18 IT6853, IT6883, IT4853," Sponsored by Board of Regents of the University System of Georgia (BOR), State, $24,000.00. (December 2020 - December 2021).

Funded
Rutherfoord, Rebecca (Principal), Shahriar, Hossain Mohammad (Co-Principal), VandeVen, Susan Hatke (Co-Principal), Li, Zhigang (Co-Principal), Han, Meng (Co-Principal), Zheng, Guangzhi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost BSIT Degree Program," Sponsored by Affordable Learning Georgia- USG, Kennesaw State University, $30,000.00. (October 2019 - December 2020).

Funded
Tian, Shirley (Co-Principal), Rutherfoord, Rebecca (Principal), "Affordable Learning Georgia (ALG) Grant 2019 Spring," Sponsored by University System of Georgia, State, $5,000.00. (February 2019 - December 2020).

Funded

Shahriar, Hossain Mohammad (Co-Principal), Rutherfoord, Rebecca (Principal), VandeVen, Susan Hatke (Co-Principal), Zheng, Guangzhi (Co-Principal), Tian, Shirley (Co-Principal), "Developing More Affordable Undergraduate IT Programs (BSIT/BASIT) Using No-Cost Resources," Sponsored by Affordable Learning Georgia (USG), $30,000.00. (January 2019 - April 2020).

Shahriar, Hossain (Associate Professor)

Funded

Shahriar, Hossain, "CollaborativeResearch: Broadening Secure Mobile Software Development (SMSD) Through Curriculumand Faculty Developme," Sponsored by National Science Foundation, Federal, $169,496.00. (August 15, 2017 - July 31, 2021).

Funded

Shahriar, Hossain Mohammad, Zhang, Chi, "Building Secure Software Through Data Leakage Analysis Plugins," Sponsored by ICWD - SunTrust, Kennesaw State University, $8,996.00. (June 2020 - June 2021).

Funded

Rutherfoord, Rebecca (Principal), Shahriar, Hossain Mohammad (Co-Principal), VandeVen, Susan Hatke (Co-Principal), Li, Zhigang (Co-Principal), Han, Meng (Co-Principal), Zheng, Guangzhi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost BSIT Degree Program," Sponsored by Affordable Learning Georgia- USG, Kennesaw State University, $30,000.00. (October 2019 - December 2020).

Funded

Shahriar, Hossain Mohammad (Principal), Li, Lei (Co-Principal), Pouriyeh, Seyedamin (Co-Principal), Tian, Shirley (Co-Principal), Zhang, Chi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost MSIT Degree Program," $30,000.00. (October 2019 - December 2020).

Funded

Shahriar, Hossain Mohammad, Zhang, Chi, "IT 6843 Revision - Development of Labware," Sponsored by Affordable Learning Georgia- USG, Kennesaw State University, $4,800.00. (May 2019 - December 2020).

Funded

Shahriar, Hossain Mohammad (Principal), "Deep Machine Learning-based Technique for Spam Email Detection," Sponsored by Office of Undergraduate Research, Kennesaw State University, $1,000.00. (October 1, 2019 - June 30, 2020).

Funded

Li, Lei (Principal), Halstead-Nussloch, Richard (Co-Principal), Xie, Ying (Co-Principal), Shahriar, Hossain Mohammad (Co-Principal), Han, Meng (Co-Principal), "Developing a more affordable Masters Science in Information Technology (MSIT) Program Using No-Cost-to-Student Learning Material," Sponsored by Affordable Learning Georgia, State, $30,000.00. (January 2019 - May 2020).

Funded

Li, Lei, Han, Meng, Xie, Ying, Shahriar, Hossain Mohammad, Xu, Xiaohua, Lo, Dan Chia-Tien, Kim, Dong-Hyun, Son, Junggab, Huang, Yan, "Research Pillars," Sponsored by CCSE, Kennesaw State University, $81,319.00. (December 1, 2019 - April 2020).

Funded

Shahriar, Hossain Mohammad (Co-Principal), Rutherfoord, Rebecca (Principal), VandeVen, Susan Hatke (Co-Principal), Zheng, Guangzhi (Co-Principal), Tian, Shirley (Co-Principal), "Developing More Affordable Undergraduate IT Programs (BSIT/BASIT) Using No-Cost Resources," Sponsored by Affordable Learning Georgia (USG), $30,000.00. (January 2019 - April 2020).

Currently Under Review

Shahriar, Hossain Mohammad (Principal), Whitman, Michael (Co-Principal), Lo, Dan Chia-Tien (Co-Principal), Mattord, Herbert (Co-Principal), Qian, Kai (Supporting), "Collaborative Research: SFS Program: National Cyber Work Force Development (CyForce)@KSU-FAMU," Sponsored by National Science Foundation, Federal, $2,373,225.00. (December 2020 - Present).

Currently Under Review

Shahriar, Hossain Mohammad (Principal), Valero, Maria A (Co-Principal), Li, Fangyu (Co-Principal), Ahamed, Sheikh I (Principal), "S-Wi: A real-time noninvasive symptoms monitoring with WiFi signals for self-isolated patients," Sponsored by National Institutes of Health, Federal, $250,000.00. (October 2020 - 2023).

Currently Under Review

Shahriar, Hossain (Principal), Whitman, Michael (Co-Principal), Lo, Dan Chia-Tien (Co-Principal), "SaTC:EDU: Case Study Based Portable Hands on Labware for Machine Leaning to Cybersecurity," Sponsored by National Science Foundation, Federal, $279,630.00. (August 1, 2020 - July 31, 2023).

Currently Under Review

Shahriar, Hossain Mohammad, "BmEHR: Blockchain based mHealth Tool towards EHR Data Sharing for Improved Care Delivery," Sponsored by National Institute of Health, Federal, $80,266.00. (October 1, 2020 - September 2022).

Currently Under Review

Shahriar, Hossain, Zhang, Chi, Sneha, Sweta, "mPlugin: Plugin-based mHealth App Checker for HIPAA Security Compliance," Sponsored by National Institute of Health, Federal, $85,327.00. (October 2020 - September 2021).

Tian, Shirley (Assistant Professor)

Funded

Tian, Shirley, Li, Zhigang, "Suntrust Grant Fellow: Collaborative Guided Learning Pedagogy for Information Security Topics," Sponsored by SunTrust, Other, $8,979.00. (June 1, 2020 - June 30, 2021).

Funded

Tian, Shirley, Li, Zhigang, "Diplomacy Lab Fall 2020 Project：Analyzing Risk Communication and Behavioral Change During The COVID-19 Pandemic," Sponsored by U.S. Department of State, Federal. (August 2020 - December 2020).

Funded

Han, Meng N/A (Principal), Tian, Shirley (Co-Principal), "ALG Mini Grant - IT 4323 Data Communication," State, $4,800.00. (January 2020 - December 2020).

Funded

Shahriar, Hossain Mohammad (Principal), Li, Lei (Co-Principal), Pouriyeh, Seyedamin (Co-Principal), Tian, Shirley (Co-Principal), Zhang, Chi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost MSIT Degree Program," $30,000.00. (October 2019 - December 2020).

Funded

Tian, Shirley (Co-Principal), Rutherfoord, Rebecca (Principal), "Affordable Learning Georgia (ALG) Grant 2019 Spring," Sponsored by University System of Georgia, State, $5,000.00. (February 2019 - December 2020).

Funded

Tian, Xin, "Evaluates digital platforms for low-income consumers to learn how to cook healthy food," Sponsored by Robert Wood Johnson Foundation, Other, $2,000.00. (August 2019 - May 2020).

Funded

Tian, Shirley, Li, Zhigang, "Collaborative Guided Learning Pedagogy for Information Security Topics," Sponsored by Kennesaw State University OVPR, Kennesaw State University, $14,042.00. (August 1, 2019 - April 30, 2020).

Funded

Shahriar, Hossain Mohammad (Co-Principal), Rutherfoord, Rebecca (Principal), VandeVen, Susan Hatke (Co-Principal), Zheng, Guangzhi (Co-Principal), Tian, Shirley (Co-Principal), "Developing More Affordable Undergraduate IT Programs (BSIT/BASIT) Using No-Cost Resources," Sponsored by Affordable Learning Georgia (USG), $30,000.00. (January 2019 - April 2020).

Currently Under Review

Zhang, Herry (Principal), Tian, Xin (Co-Principal), Tang, Chuanyi (Co-Principal), Zhang, Junzhou (Co-Principal), "Nudging Pregnant WIC Women into Breastfeeding: A Systematic and Environmental Approach," Sponsored by Robert Wood Johnson Foundation, Other, $10,000.00. (April 1, 2020 - September 30, 2021).

Tian, Shirley, "WiCyS 2020 Annual Conference Faculty Scholarship," Sponsored by Women in Cybersecurity (WiCyS), Other. (March 11, 2020 - March 14, 2020).

Valero de Clemente, Maria (Assistant Professor)

Funded

Rutherfoord, Rebecca, Valero, Maria A, Halstead-Nussloch, Richard, Pouriyeh, Seyedamin, "ALG Round 18 IT6853, IT6883, IT4853," Sponsored by Board of Regents of the University System of Georgia (BOR), State, $24,000.00. (December 2020 - December 2021).

Currently Under Review

Shahriar, Hossain Mohammad (Principal), Valero, Maria A (Co-Principal), Li, Fangyu (Co-Principal), Ahamed, Sheikh I (Principal), "S-Wi: A real-time noninvasive symptoms monitoring with WiFi signals for self-isolated patients," Sponsored by National Institutes of Health, Federal, $250,000.00. (October 2020 - 2023).

Currently Under Review

Valero, Maria A, "CRII: OAC: Microservices and Data-Sharing Cyberinfrastructure for Supporting Collaborative Research and Education," Sponsored by National Science Foundation, Federal, $171,807.00. (December 2020 - April 2023).

Vande Ven, Susan (Senior Lecturer)

Funded
Rutherfoord, Rebecca (Principal), Shahriar, Hossain Mohammad (Co-Principal), VandeVen, Susan Hatke (Co-Principal), Li, Zhigang (Co-Principal), Han, Meng (Co-Principal), Zheng, Guangzhi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost BSIT Degree Program," Sponsored by Affordable Learning Georgia- USG, Kennesaw State University, $30,000.00. (October 2019 - December 2020).

Funded
Shahriar, Hossain Mohammad (Co-Principal), Rutherfoord, Rebecca (Principal), VandeVen, Susan Hatke (Co-Principal), Zheng, Guangzhi (Co-Principal), Tian, Shirley (Co-Principal), "Developing More Affordable Undergraduate IT Programs (BSIT/BASIT) Using No-Cost Resources," Sponsored by Affordable Learning Georgia (USG), $30,000.00. (January 2019 - April 2020).

Xie, Ying (Professor)

Funded
Xie, Ying, Chakravarty, Sumit, Le, Linh, Ordonez, Pablo, Hales, Michael Earl, Johnson II, John D., "An Intelligent Cyber Physical Social System for Action Intelligence," Sponsored by Office of Research (Interdisciplinary Innovation Initiative -I3), Kennesaw State University, $50,000.00. (August 2020 - Present).

Funded
Xie, Ying, Vanderheyden, Robert (Co-Principal), "Doctoral Dissertation Research: Bringing the Power of Deep Learning to Large-Scale Ordinal Data Classification," Sponsored by NSF, Federal, $16,000.00. (June 1, 2019 - May 31, 2020).

Funded
Li, Lei (Principal), Halstead-Nussloch, Richard (Co-Principal), Xie, Ying (Co-Principal), Shahriar, Hossain Mohammad (Co-Principal), Han, Meng (Co-Principal), "Developing a more affordable Masters Science in Information Technology (MSIT) Program Using No-Cost-to-Student Learning Material," Sponsored by Affordable Learning Georgia, State, $30,000.00. (January 2019 - May 2020).

Funded
Li, Lei, Han, Meng, Xie, Ying, Shahriar, Hossain Mohammad, Xu, Xiaohua, Lo, Dan Chia-Tien, Kim, Dong-Hyun, Son, Junggab, Huang, Yan, "Research Pillars," Sponsored by CCSE, Kennesaw State University, $81,319.00. (December 1, 2019 - April 2020).

Funded
Han, Meng (Principal), Zheng, Guangzhi (Co-Principal), Xie, Ying (Co-Principal), "Innovation in Data Analytics: Developing No-Cost-to- Student Learning Materials for Fundamental Data Analytics Topics and Courses," Sponsored by Affordable Learning Georgia, State, $15,800.00. (May 1, 2019 - April 1, 2020).

Funded
Xie, Ying, "MagMutual Text Analytics," Sponsored by MagMutual, Private, $25,572.00. (August 2019 - March 31, 2020).

Currently Under Review
Geil, Mark, Brown, Austin, Xie, Ying, "Identifying the Unknown Etiologies of Idiopathic Toe Walking," Sponsored by NIH, Federal, $421,330.00. (2020 - 2024).

Zhang, Chi (Associate Professor)

Funded
Zhang, Chi, "ALG (Affordable Learning Georgia Affordable Materials Grant)," Sponsored by ALG, State, $10,000.00. (October 2020 - Present).

Funded
Shahriar, Hossain Mohammad, Zhang, Chi, "Building Secure Software Through Data Leakage Analysis Plugins," Sponsored by ICWD - SunTrust, Kennesaw State University, $8,996.00. (June 2020 - June 2021).

Funded
Shahriar, Hossain Mohammad (Principal), Li, Lei (Co-Principal), Pouriyeh, Seyedamin (Co-Principal), Tian, Shirley (Co-Principal), Zhang, Chi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost MSIT Degree Program," $30,000.00. (October 2019 - December 2020).

Funded
Shahriar, Hossain Mohammad, Zhang, Chi, "IT 6843 Revision - Development of Labware," Sponsored by Affordable Learning Georgia- USG, Kennesaw State University, $4,800.00. (May 2019 - December 2020).

Funded
Zhang, Chi, "2019-2020 R2 Research Success Faculty Learning Community," Sponsored by Office of Research, Kennesaw State University, $1,000.00. (January 2020 - May 2020).

Funded
Zheng, Guangzhi (Principal), Zhang, Chi (Co-Principal), "No-Cost-to-Student learning material enhancement - IT 6713," Sponsored by ALG, State, $4,800.00. (February 2019 - May 2020).

Currently Under Review
Shahriar, Hossain, Zhang, Chi, Sneha, Sweta, "mPlugin: Plugin-based mHealth App Checker for HIPAA Security Compliance," Sponsored by National Institute of Health, Federal, $85,327.00. (October 2020 - September 2021).

Zheng, Jack (Associate Professor)

Funded
Rutherfoord, Rebecca (Principal), Shahriar, Hossain Mohammad (Co-Principal), VandeVen, Susan Hatke (Co-Principal), Li, Zhigang (Co-Principal), Han, Meng (Co-Principal), Zheng, Guangzhi (Co-Principal), "Large Scale No-Cost Textbook Resources Towards Zero Cost BSIT Degree Program," Sponsored by Affordable Learning Georgia- USG, Kennesaw State University, $30,000.00. (October 2019 - December 2020).

Funded
Zheng, Guangzhi (Principal), Zhang, Chi (Co-Principal), "No-Cost-to-Student learning material enhancement - IT 6713," Sponsored by ALG, State, $4,800.00. (February 2019 - May 2020).

Funded

Han, Meng (Principal), Zheng, Guangzhi (Co-Principal), "Advanced Web Innovation: Developing No-Cost-to-Student Learning Materials for Advanced Web Development Topics and Courses," Sponsored by Affordable Learning Georgia, State, $10,800.00. (January 1, 2019 - May 1, 2020).

Funded

Shahriar, Hossain Mohammad (Co-Principal), Rutherfoord, Rebecca (Principal), VandeVen, Susan Hatke (Co-Principal), Zheng, Guangzhi (Co-Principal), Tian, Shirley (Co-Principal), "Developing More Affordable Undergraduate IT Programs (BSIT/BASIT) Using No-Cost Resources," Sponsored by Affordable Learning Georgia (USG), $30,000.00. (January 2019 - April 2020).

Funded

Han, Meng (Principal), Zheng, Guangzhi (Co-Principal), Xie, Ying (Co-Principal), "Innovation in Data Analytics: Developing No-Cost-to- Student Learning Materials for Fundamental Data Analytics Topics and Courses," Sponsored by Affordable Learning Georgia, State, $15,800.00. (May 1, 2019 - April 1, 2020).

Department of Software Engineering and Game Development

Dehbozorgi, Nasrin (Assistant Professor)

Currently Under Review
Dehbozorgi, Nasrin (Principal), "The Women in STEM2D (WiSTEM2D) Scholars Award," Sponsored by Johnson & Johnson, $150,000.00. (2020 - Present).

Franklin, Mike (Associate Professor)

Funded
Wilson, Matthew L. (Co-Principal), Franklin, Dennis Michael (Co-Principal), "OVPR Seed Grant," Sponsored by Kennesaw State University, State, $7,500.00. (August 2020 - Present).

Funded
Franklin, Dennis Michael (Co-Principal), "EPIC Grant," Sponsored by EPIC Games, Private. (June 1, 2020 - Present).

Currently Under Review
Franklin, Dennis Michael (Supporting), Smith, Susan M. (Principal), Cornelison, Christopher (Co-Principal), Griffin, Melanie C. (Co-Principal), McMurry, Jonathan L. (Co-Principal), Rajagopalan, Ramya (Co-Principal), Chrestensen, Carol A. (Supporting), Leeper, Thomas (Supporting), "Major Research Instrumentation," Sponsored by National Science Foundation, Federal, $1,000,000.00. (November 1, 2018 - Present).

Currently Under Review
Franklin, Dennis Michael (Co-Principal), Castle, Kimberly (Principal), Walton-Mouw, Rachel (Co-Principal), "Reliability and Validity of a New Mobile App to Characterize Active Motion in Infants with Congenital Muscular Torticollis," Sponsored by Georgia Foundation for Physical Therapy, State, $10,000.00. (October 15, 2018 - Present).

Huang, Yan (Assistant Professor)

Funded
Huang, Yan, "Attractive Virtual Reality Powered Course Development for K12 Cybersecurity and Privacy Education," Sponsored by Kennesaw State University, Kennesaw State University, $10,780.00. (August 2020 - June 2021).

Funded
Huang, Yan, Kim, Donghyun, "Privacy Protection among Three Antithetic-Party for Context-Aware Service," Sponsored by Suntrust Fellow, Kennesaw State University, $9,000.00. (January 2020 - December 2020).

Funded
Li, Lei, Han, Meng, Xie, Ying, Shahriar, Hossain Mohammad, Xu, Xiaohua, Lo, Dan Chia-Tien, Kim, Dong-Hyun, Son, Junggab, Huang, Yan, "Research Pillars," Sponsored by CCSE, Kennesaw State University, $81,319.00. (December 1, 2019 - April 2020).

Funded
Li, Yi (Joy), Huang, Yan, "Innovative Course in Computing for CCSE," Sponsored by CCSE, Kennesaw State University, $4,000.00. (October 26, 2019 - January 1, 2020).

Currently Under Review
Huang, Yan (Co-Principal), Wilson, Matthew L. (Co-Principal), Li, Joy (Supporting), Yenduri, Sumanth (Supporting), "Middle School Cybersecurity Education via Virtual Reality Games," Sponsored by NSA 2021 GenCyber, Federal, $98,198.00. (2020 - Present).

Currently Under Review
Huang, Yan, "South Big Data Hub Seed Fund Grant-Data Aggregation and Cleaning for Pandemic Prevention and Control," Sponsored by Georgia Institute of Technology, Kennesaw State University, $49,865.00. (November 2020 - July 2021).

Jones, Sandra (Senior Lecturer)

Funded
Jones, Sandra Hall (Co-Principal), "STEM + Computing," Sponsored by State Farm, Local, $10,000.00. (January 1, 2020 - March 13, 2020).

Li, Joy (Assistant Professor)

Funded
Li, Yi (Joy) (Principal), Mei, Chao (Co-Principal), "Office of Research FY20 Seed Grant," Kennesaw State University, $14,930.00. (August 1, 2019 - July 15, 2020).

Funded
Li, Yi (Joy), Huang, Yan, "Innovative Course in Computing for CCSE," Sponsored by CCSE, Kennesaw State University, $4,000.00. (October 26, 2019 - January 1, 2020).

Currently Under Review
Huang, Yan (Co-Principal), Wilson, Matthew L. (Co-Principal), Li, Joy (Supporting), Yenduri, Sumanth (Supporting), "Middle School Cybersecurity Education via Virtual Reality Games," Sponsored by NSA 2021 GenCyber, Federal, $98,198.00. (2020 - Present).

Mei, Chao (Assistant Professor)

Funded
Li, Yi (Joy) (Principal), Mei, Chao (Co-Principal), "Office of Research FY20 Seed Grant," Kennesaw State University, $14,930.00. (August 1, 2019 - July 15, 2020).

Funded
Mei, Chao, "GRA support," Sponsored by Graduate School of Kennesaw State University, Kennesaw State University. (August 2019 - May 2020).

Currently Under Review
Mei, Chao (Principal), "CRII: CHS: Adaptive Virtual Environments for a Prolonged Exposure Therapy of Attention Deficits on Autism Spectrum," Sponsored by NSF, Federal, $174,498.00. (April 1, 2019 - March 31, 2022).

Meimandi Parizi, Reza (Assistant Professor)

Funded

Meimandi Parizi, Reza (Principal), Pouriyeh, Seyedamin (Principal), "FL-IDS: Federated Learning for Effective Intrusion Detection System in IoT Mobile Attacks," Sponsored by Suntrust, $9,000.00. (2020 - Present).

Funded
Meimandi Parizi, Reza (Principal), Son, Junggab (Principal), "A Federated Approach to Feature Extraction from Fashion Item Images," Sponsored by Oracle, Kennesaw State University, $100,000.00. (June 1, 2020 - May 31, 2021).

Funded
Son, Junggab (Principal), Meimandi Parizi, Reza (Principal), "A Federated Approach to Image Feature Extraction," Sponsored by Oracle, Kennesaw State University, $200,000.00. (June 1, 2019 - May 31, 2021).

Funded
Spoletini, Paola (Principal), Meimandi Parizi, Reza (Principal), "Fostering Book-independent Software Testing and Verification in MS Software Engineering Education," Sponsored by Affordable Learning Georgia (ALG), $10,800.00. (2019 - 2020).

Funded
Meimandi Parizi, Reza - (Principal), Pouriyeh, Seyedamin (Co-Principal), Bobbie, Patrick (Co-Principal), Aledhari, Mohammed (Co-Principal), "Federated Learning on Decentralized Data," Kennesaw State University, $29,400.00. (December 2019 - May 2020).

Funded
Kang, Mingon (Principal), Meimandi Parizi, Reza (Principal), "A Federated Approach to Image Feature Extraction," Sponsored by Oracle, Private, $100,000.00. (June 2019 - May 2020).

Currently Under Review
Meimandi Parizi, Reza (Principal), "Removing Barriers to Fluoride Varnish Application in Primary Care Settings," Sponsored by NIH, Federal, $426,549.00. (2020 - Present).

Preston, Jon (Professor)

Funded
Lo, Dan Chia-Tien (Principal), Preston, Jon A. (Co-Principal), "Intelliteach Business Process Improvement Using Machine Learning," Sponsored by Intelliteach Inc., Private, $25,000.00. (January 1, 2018 - December 1, 2020).

Rutherfoord, Jim (Senior Lecturer)

Funded
Rutherfoord, James, "ALG Round 15," Sponsored by ALG, State, $4,800.00. (October 1, 2019 - December 31, 2020).

Spoletini, Paola (Professor)

Funded
Spoletini, Paola (Principal), Meimandi Parizi, Reza (Principal), "Fostering Book-independent Software Testing and Verification in MS Software Engineering Education," Sponsored by Affordable Learning Georgia (ALG), $10,800.00. (2019 - 2020).

Funded

Spoletini, Paola, "Before, during, and after requirements elicitation interviews: a comprehensive support for improving the quality of requirements," Sponsored by NSF, Federal, $399,940.00. (August 15, 2017 - August 14, 2020).

Yenduri, Sumanth (Professor)

Currently Under Review

Huang, Yan (Co-Principal), Wilson, Matthew L. (Co-Principal), Li, Joy (Supporting), Yenduri, Sumanth (Supporting), "Middle School Cybersecurity Education via Virtual Reality Games," Sponsored by NSA 2021 GenCyber, Federal, $98,198.00. (2020 - Present).

School of Data Science and Analytics

Brown, Austin (Assistant Professor)

Currently Under Review
Kliszczewicz, Brian Matthew, Buresh, Robert J., Brown, Austin, "High Intensity Body-weight Circuit Training Feasibility and Efficacy for Improving Metabolic Profile, Body Composition, and Health-Related Fitness in Middle Aged Persons with Type 2 Diabetes," Sponsored by NIH, Federal, $300,000.00. (2020 - Present).

Currently Under Review
Buresh, Robert J., Kliszczewicz, Brian Matthew, Brown, Austin, "Prescription of Step Counts for Targeted Changes in Body Composition and Cardiometabolic Risk in Overweight/Obese Adults," Sponsored by NIH, Federal, $300,000.00. (2020 - Present).

Currently Under Review
Geil, Mark, Brown, Austin, Xie, Ying, "Identifying the Unknown Etiologies of Idiopathic Toe Walking," Sponsored by NIH, Federal, $421,330.00. (2020 - 2024).

DeMaio, Joseph (Professor)

Currently Under Review
Kihei, Billy (Principal), Chang, Yusun (Co-Principal), DeMaio, Joseph D. (Co-Principal), "PRIORITY INTERSECTION SIGNALLING FOR LAW ENFORCEMENT UNITS IN MARIETTA, GA," Sponsored by Marietta Police Department, Local, $80,340.00. (October 15, 2020 - Present).

Ferguson, Nicole (Associate Professor)

Funded
Ingram, Katherine Heimburger (Principal), Amason, Janeen S. (Supporting), Kliszczewicz, Brian Matthew (Supporting), Ferguson, Amanda Nicole (Supporting), "Risk for Gestational Diabetes: A Condition of Abdominal Fatness or Sedentariness?," Sponsored by NIH/NICHD, Federal, $406,255.00. (August 2020 - July 2023).

Funded
Ferguson, Amanda Nicole (Principal), Olsen, Irene E (Supporting), Grabich, Shannon Colleen (Supporting), "Determining what values in growth curves best classify small and large-for-gestational age in preterm infants to predict morbidity and mortality," Sponsored by Gerber Foundation, Private, $334,233.00. (January 1, 2020 - April 2023).

Funded
Lawson, M Louise (Principal), Ferguson, Amanda Nicole (Co-Principal), Olsen, Irene E (Supporting), "Determining what values in growth curves best classify small and large-for-gestational age in preterm infants to predict morbidity and mortality," Sponsored by Gerber Foundation, Private, $334,233.00. (January 2020 - April 2020).

Ni, Sherry (Professor)

Funded

Ni, Sherry (Principal), "Vegetation Management Analytics," Sponsored by Southern Company and Georgia Power, Private, $5,000.00. (August 1, 2020 - December 31, 2020).

Funded

Ni, Xuelei Sherry (Supporting), Green, DaMarkus, Kolb, Karin, "Travel Fund Awarded by Making the Top 8 in SAS Global Forum Student Symposium," Sponsored by SAS, Private, $3,000.00. (February 2020 - April 2020).

Funded

Lawson, M. Louise (Principal), Ni, Sherry (Co-Principal), VanBrackle, Lewis (Supporting), Alfred, Royce (Supporting), "Piedmont COPD Modeling Project," Sponsored by Piedmont Hospital, Local, $7,000.00. (October 31, 2018 - March 2020).

Priestley, Jennifer (Professor)

Funded

Aygun, Ramazan, Zhang, Yifan, Priestley, Jennifer Carroll Lewis, "The Travelers," Sponsored by The Travelers Companies, $57,120.00. (September 2020 - Present).

Funded

Priestley, Jennifer Carroll Lewis (Principal), Whitman, Michael Edward (Co-Principal), "Data analytics, cybersecurity, and advanced manufacturing for the modern soldier," Sponsored by Office of Naval Research, Federal, $124,978.00. (August 2020 - July 2021).

Taasoobshirazi, Gita (Assistant Professor)

Currently Under Review

Taasoobshirazi, Gita (Principal), "A multilevel and longitudinal analysis of student free-body diagrams in physics," Sponsored by American Association of Physics Teachers, Private, $20,000.00. (August 2019 - August 2020).

Zhang, Xinyan (Assistant Professor)

Funded

Keyvanfar, Ali, Halstead-Nussloch, Richard, Jiang, Binbin, Zhang, Xinyan, "COVID-19 behavioral change survey (GA)," Sponsored by Minor Anderson Family Foundation, Private, $6,000.00. (November 2020 - Present).

Funded

Zhang, Xinyan (Principal), "WellStar NSQIP Project," Sponsored by Wellstar, Private. (August 19, 2020 - Present).