

2019 CCI Proposal Submissions Export

ID	Proposal Title	Sponsor	Amount Requested	Team
933	Kickoff Meeting (IDIQ)	FAA ASSURE	\$9,623.03	Kurtulus Izzetoglu(PI,School of Biomedical Engineering,50); Ellen Bass(Co-PI,Informatics,50);
922	SCH: INT: Smart and Connected Health for Neonatal Transport	NSF	\$807,303.00	William Mongan(Co-PI,Computing,14); Kapil Dandekar(PI,Electrical & Computer Engineering,16); Endla Anday(Co-PI,Medicine Admin Control,14); Vineet Bhandari(Co-PI,Medicine Admin Control,14); Anup Das(Co-PI,Electrical & Computer Engineering,14); Genevieve Dion(Co-PI,Design & Merchandising,14); Kelly Joyce(Co-PI,Sociology,14);
915	One size doesn't fit all—moderation with respect to content policies	Facebook	\$49,987.92	Jake Williams(PI,Informatics,100);
914	Fewer bots and better conversations: developing CAPCHAs for language processing data	Mozilla Foundation	\$25,000.00	Jake Williams(PI,Informatics,100);
912	Data-Driven Improvement to Institutional Repository Discoverability and Use	IMLS	\$17,284.00	Jane Greenberg(PI,Informatics,100);
911	DIRSE-IL: Collaborative Research: Accelerating the Discovery of Electronic Materials through Human-Computer Active Search	NSF	\$306,336.00	Jane Greenberg(PI,Informatics,100);
910	Development of Evidence-Based Tool for Cardiovascular Disease Prevention in Children	St. Christopher's Foundaion	\$10,000.00	Jeffrey Popyack(Co-PI,Computing,50); Shuping Ge(PI,Pediatrics Control,50);
909	CREW-Creating Research Engagement With Sports	NSF	\$0.00	Jane Greenberg(PI,Informatics,); Michelle Rogers(Co-PI,Informatics,); Chris Yang(Co-PI,Informatics,); Chris Sales(Co-PI,Civil Arch & Environmental Engr,); Gail Rosen(Co-PI,Electrical & Computer Engineering,);
908	Biology-guided neural networks for discovering phenotypic traits	NSF	\$245,682.00	Jane Greenberg(PI,Informatics,100);
906	Establish pilot proficiency requirements (A26 Multi-UAS Components)	FAA ASSURE	\$192,000.00	Ellen Bass(PI,Informatics,100);
903	Assessing factors that contribute to the productivity and impact of biomedical scientists using Web of Science bibliographic data	Clarivate	\$25,000.00	Erjia Yan(PI,Informatics,100);
900	EAGER: Investigating an authentic community-based STEM program	NSF	\$52,290.11	Michelle Rogers(PI,Informatics,100);
891	VHA Human Factors Engineering IPA	Veteran's Health Administration	\$8,518.90	Michelle Rogers(PI,Informatics,100);
890	Integrating Expanded and Non-Segregated UAS Operations into the NAS: Impact on Traffic Trends and Safety	FAA	\$180,000.00	Ellen Bass(PI,Informatics,60); Steve Weber(Co-PI,Electrical & Computer Engineering,40);
889	The Louis and Bessie Stein Family Fellowship	None	\$9,103.00	
887	EHR Core Research (ECR): Building Capacity in STEM Education Research	NSF	\$349,620.00	William Mongan(PI,Computing,75); Jennifer Stanford(Key Personnel,CASTLE General Fund,25);
	CUE Ethics: Collaborative Research: Rapid,			

885	Continuous Improvement of a Scalable Approach to Establish Curricular Pathways for Interdisciplinary Computing Education	NSF	\$59,941.00	Jeffrey L. Popyack(PI,Computing,100);
883	Identifying and Preventing Premature Functional Impairment	National Institutes of Health (NIH)	\$150,668.00	Ellen Bass(PI,Informatics,100);
880	Information and Contemplation Think Tank	Mind & Life Think Tank	\$15,000.00	Tim Gorichanaz(PI,Informatics,100);
876	CPS Framework for Distributed Unmanned Aerial Vehicle Urban Sensing	NSF	\$1,200,000.00	Kapil Dandekar(PI,Electrical & Computer Engineering,20); Ali Shokoufandeh(Co-PI,Computing,20); Steven Weber(Co-PI,Electrical & Computer Engineering,20); Antonios Konstos(Co-PI,Mechanical Engineering & Mechanics,20); Anup Das(Co-PI,Electrical & Computer Engineering,20);
874	Integrating Community-Based Learning with LIS Education	IMLS	\$276,895.00	Xia Lin(PI,Informatics,25); Denise Agosto(Co-PI,Informatics,24); Jane Greenberg(Co-PI,Informatics,17); Erjia Yan(Co-PI,Informatics,17); Alex Poole(Co-PI,Informatics,17);
873	ARTI: Architecture for Robust Teamwork Intelligence	DARPA	\$583,896.45	Santiago Ontanon(PI,Computing,100);
872	Research Experiences for Teachers in Engineering and Computer Science Site for Machine Learning with Social Impact	NSF	\$0.00	Jeffrey Popyack(PI,Computing,100);
871	CUE Ethics: Collaborative Research: Computing for Social Good	NSF	\$0.00	Greg Hislop(PI,Informatics,0); Michelle Rogers(Co-PI,Informatics,); William Mongan(Co-PI,Computing,); Tammy Pirmann(Co-PI,Computing,);
870	REU: BIGDATA: IA: Predictive Analytics of Driver's Engagement for Injury Prevention	NSF	\$16,000.00	Christopher Yang(PI,Informatics,100);
869	Process Engineering in the Perioperative Arena: A Patient Safety Laboratory to Optimize Responses to Perioperative Emergencies	AHRQ	\$420,198.15	Ellen Bass(PI,Informatics,100); Troy Finamore(Key Personnel,Digital Media,0);
868	Design a consumer health vocabulary enabled mobile application and online service for enhanced healthcare knowledge learning and long-term health data management	NIH	\$0.00	Erjia Yan(PI,Informatics,); Jake Williams(Co-PI,Informatics,); RoseAnn DiMaria-Ghalili (Co-PI,CNHP - Nursing,); Jane Greenberg(Co-PI,Informatics,); Aleksandra Sarcevic(Co-PI,Informatics,);
867	Robot Springboard 2019	National Center for Women and Information Technology (NCWIT)	\$3,000.00	Jeffrey Popyack(PI,Computing,100);
866	Harnessing Data: Advancing Big Metadata Infrastructure	None	\$0.00	Jane Greenberg(PI,Informatics,100);
864	Revolutionizing Data Science for the Next Generation Interdisciplinary Research	NSF	\$0.00	
861	S-STEM Project CLASS: Student Leadership in Computing Across STEM	NSF	\$650,000.00	William Mongan(PI,Computing,25); Jeffrey Popyack(Co-PI,Computing,25); Tammy Pirmann(Co-PI,Computing,25); Michelle Rogers(Co-PI,Informatics,25);
857	SpecEES: Theory, Language, Architecture, and Testbed for Energy Efficient Spectrum Management via Compressed and Controlled Coordination	NSF	\$749,995.97	Kapil Dandekar(PI,Electrical & Computer Engineering,20); Steve Weber(Co-PI,Electrical & Computer Engineering,20); John Walsh(Co-PI,Electrical & Computer Engineering,20); Geoffrey Mainland(Co-PI,Computing,20); Anup Kumar Das(Co-PI,Electrical & Computer Engineering,20);

856	Sports Science: Using Sports as a Vehicle for Development of Computational Thinking	NSF	\$2,127,678.00	Brian Smith(Co-PI,Informatics,40); Penny Hammrich(PI,School of Education,60);
855	Using Artificial Intelligence to Optimize Clinical Resources for Weight Loss	National Institute of Diabetes and Digestive and Kidney Diseases	\$3,766,112.07	Santiago Ontanon(Co-PI,Computing,5); Adrienne Juarascio(Co-PI,WELL Center,10); Fengqing Zhang(Co-PI,Psychology,5); Meghan Butryn(Co-PI,WELL Center,10); Evan Forman(PI,WELL Center,70);
853	Understanding the characteristics of citation sentiment using a large full-text repository	Drexel University	\$7,000.00	Erjia Yan(PI,Informatics,100);
852	NSF NRT: Peace Engineering - Preparing Engineers to Work Within Complex Systems	National Science Foundation	\$2,995,285.60	James Tangorra(PI,Mechanical Engineering & Mechanics,12); Weimao Ke(Co-PI,Informatics,11); Steven Weber(Co-PI,Electrical & Computer Engineering,11); Julie Drzymalski(Co-PI,Engineering Management,11); Mira Olson(Co-PI,Civil Arch & Environmental Engr,11); Joseph Hughes(Co-PI,Office of Dean of COE,11); Amliea Hoover Green(Co-PI,Department of Politics,11); Vincent Duclos-Belanger(Co-PI,Global Studies and Modern Languages,11); Sharon Walker(Co-PI,Office of Dean of COE,11);
851	The Inspire Project: Supporting Opportunity Youth through Community Collaboration	Coalition of Urban and Metropolitan Universities	\$29,441.76	Denise Agosto(PI,Informatics,100);
850	Creating data repositories and analytic benchmarks for assessing and synthesizing the state of the art	NSF	\$332,447.00	Chaomei Chen(PI,Informatics,100);
849	Prototype for low frequency, low intensity US therapy	National Institute of Nursing Research (NINR)	\$250,000.00	Rose Ann DiMaria Ghalil(Co-PI,CNHP - Nursing,25); Peter Lewin(PI,Biomedical Science,25); Ellen Bass(Co-PI,Informatics,25); Michael Neidrauer(Co-PI,Biomedical Science,25);
848	Collaborative Research: Evaluation Capacity Building as a Lever for Change in Broadening Participation Initiatives: Providing Supports for Large-Scale STEM Education Reform	NSF	\$395,136.35	Bill Mongan(Co-PI,Computing,20); Jennifer Stanford(PI,CASTLE General Fund,40); Adam Fontecchio(Co-PI,CASTLE General Fund,40);
847	Project CLASS: Student Leadership in Computing Across STEM	NSF	\$0.00	Bill Mongan(PI,Computing,); Tammy Pirmann(Co-PI,Computing,); Jeff Popyack(Co-PI,Computing,); Michelle Rogers(Co-PI,Informatics,);
846	CCRI Planning: An Open-Science Infrastructure for Reproducible, Interoperable, Sustainable, and Efficient CISE Research	NSF	\$95,362.00	Chaomei Chen(PI,Informatics,20); Xia Lin(Co-PI,Informatics,20); Ali Shokoufandeh(Co-PI,Computing,20); Jake Williams (Co-PI,Informatics,20); Erjia Yan(Co-PI,Informatics,20);
845	Collaborative Research: Open Player and Community Modeling as a Learning Tool	NSF	\$263,999.68	Jichen Zhu(PI,GAIMS,60); Brian Smith(Co-PI,Informatics,40);
842	Pennsylvania Esports Program	Commonwealth of Pennsylvania - Department of Education	\$23,250.00	Adam Fontecchio(PI,CASTLE General Fund,50); William Mongan(Co-PI,Computing,50);
840	Doctoral Dissertation Research Improvement Grants	NSF	\$15,431.00	Erjia Yan(PI,Informatics,50); Kai Li(Co-PI,Informatics,50);

838	HDR DSC: Educating 21st century STEAM workforce in Data Science	NSF	\$1,200,000.00	Ali Shokoufandeh(PI,Computing,16.67); Scott Haag(Co-PI,ANS,16.67); Brian Smith(Co-PI,Informatics,16.66); Jake Williams(Co-PI,Informatics,16.67); Christopher Yang(Co-PI,Informatics,16.67); Genevieve Dion(Co-PI,ExCITe Center,16.67);
837	CyberCorps Mentoring and Scholarship Program (CMSP)	NSF	\$2,899,975.00	Brian Smith(PI,Informatics,); Thomas Heverin(Co-PI,Informatics,); Bill Mongan(Co-PI,Computing,); Michelle Rogers(Co-PI,Informatics,); Ayana Allen-Hardy(Co-PI,School of Education,);
835	Professional Development at Drexel University for School District of Philadelphia Teachers in the PAsmart Program	Commonwealth of Pennsylvania	\$50,000.00	Jeffrey Popyack(PI,Computing,50); Tammy Pirmann(Co-PI,Computing,50);
834	NRT-HDR: DATA-HOME: DATA Science Training to Understand and Manipulate Host, Microbial, and Environmental Interactions	NSF	\$2,955,373.00	Gail Rosen(PI,Electrical & Computer Engineering,20); David Breen(Co-PI,Computing,20); Jane Greenberg(Co-PI,Informatics,20); Christopher Sales(Co-PI,Civil Arch & Environmental Engr,20); Gideon Simpson(Co-PI,Mathematics,20);
831	C-CURES: Ethics in Computer Science Education	Mozilla Foundation	\$150,000.00	William Mongan(PI,Computing,20); Tammy Pirmann(Co-PI,Computing,20); Kelly Joyce(Co-PI,Sociology,20); Kris Unsworth(Co-PI,Informatics,20); Timothy Gorichanaz(Co-PI,Informatics,20);
830	Computer Science Education through Integration with e-Sports Extracurricular Activities	Commonwealth of Pennsylvania	\$250,000.00	Adam Fontecchio(PI,CASTLE General Fund,50); William Mongan(Co-PI,Computing,50);
829	IUSE/PFE: RED A&I Computing throughout the Engineering Curriculum	NSF	\$0.00	Jeremy Johnson(PI,Computing,); Cameron Abrams(Co-PI,Chemical Engineering,); Kapil Dandekar(Co-PI,Electrical & Computer Engineering,); Brian Smith(Co-PI,Informatics,); Steve Weber(Co-PI,Electrical & Computer Engineering,); Adam Fontecchio(Key Personnel,Electrical & Computer Engineering,);
828	HDR DSC: Educating 21st century STEAM workforce in Data Science	NSF	\$0.00	Ali Shokoufandeh(PI,Computing,); Brian Smith(Co-PI,Informatics,); Jake Williams(Co-PI,Informatics,); Christopher Yang(Co-PI,Informatics,);
827	Transurethral optical coherence tomography and deep learning for the detection and characterization of prostate carcinoma	Commonwealth Universal Research Enhancement Program	\$75,000.00	David Breen(PI,Computing,50); Mark Zarella(Co-PI,Pathology Control,50);
826	Collaborative Research: Evaluation Capacity Building as a Lever for Change in a Network of STEM Future Faculty Training Programs	NSF	\$873,473.40	Jen Stanford(PI,CASTLE General Fund,40); William Mongan(Co-PI,Computing,10); Adam Fontecchio(Co-PI,CASTLE General Fund,40); Eric Brewe(Co-PI,CASTLE General Fund,10);
825	Using heterogeneous healthcare networks to reveal adverse drug reaction in neonatal abstinence syndrome	National Institutes of Health (NIH)	\$1,479,322.35	Chris Yang(PI,Informatics,70); Erjia Yan(Co-PI,Informatics,10); Barbara Schindler(Co-PI,Psychiatry Control,10); Endla Anday(Co-PI,Pediatrics Control,5); David Bennett(Co-PI,Psychiatry Control,5);
824	SCH: INT: Smart and Connected Health for Neonatal Transport	NSF	\$1,176,101.00	William Mongan(Co-PI,Computing,13); Kapil Dandekar(PI,Electrical & Computer Engineering,22); Genevieve Dion(Co-PI,ExCITe Center,13); Kelly Joyce(Co-PI,Sociology,13); Vineet Bhandari(Co-PI,Medicine Admin Control,13); Anup Das(Co-PI,Electrical & Computer Engineering,13); Endla Anday(Co-PI,Pediatrics Control,13);
823	Developing and sustaining mathematical knowledge and pedagogical practices through online collaboration	NSF	\$2,961,043.68	Brian Smith(Co-PI,Informatics,10); Wesley Shumar(Co-PI,Culture & Communication,30); Valerie Klein(Co-PI,School of Education,30); Jason Silverman(PI,School of Education,30);
819	Inclusive STEM Learning and Career Development through Community-Based Making	NSF	\$2,358,112.00	Youngmoo Kim(PI,ExCITe Center,22.5); Kareem Edouard(Co-PI,School of Education,22.5); Andrew Stutzman(Co-PI,VP Univ & Community Partnership,22.5); Elizabeth Hassrick(Co-PI,A J Drexel Protein Study,10.0); Brian Smith(Co-PI,Informatics,22.5);
817	Fair and Efficient Utilization of an Erasure Collision Channel	National Science Foundation	\$499,740.90	Vasilis Gkatzelis(PI,Computing,50); Steven Weber(Co-PI,Electrical & Computer Engineering,50);

816	Consumer Health Vocabulary Expansion in Support of Health Professional-Consumer Communication and Patient-Centered Healthcare Research	NSF	\$1,132,672.00	Jake Williams(PI,Informatics,50); Chris Yang(Co-PI,Informatics,50);
815	Research on Experiential STEM Curricula for Authentic Learning Experiences (RESCALE)	Arthur Vining Davis	\$299,679.00	Jennifer Stanford(PI,CASTLE General Fund,20); William Mongan(Co-PI,Computing,20); Adam Fontecchio(Co-PI,CASTLE General Fund,20); Jason Silverman(Co-PI,CASTLE General Fund,20); Eric Brewe(Co-PI,CASTLE General Fund,20);
814	Transforming 19th Century terminology for data driven research.	UNLV/Mellon Foundation	\$41,499.08	Jane Greenberg(PI,Informatics,100);
813	Collaborative Research: OpenESIP - Expanding Student and Instructor Participation in Humanitarian Free and Open Source Software	National Science Foundation	\$967,395.81	Gregory Hislop(PI,Informatics,100);
810	Piece by piece – Strategic assistant for mosaic operations	None	\$300,000.00	Santiago Ontanon(PI,GAIMS,50); Vasilis Gkatzelis(Co-PI,Computing,50);
809	Pediatric Cardiac Arrest: A Video Based Learning Laboratory	None	\$0.00	Aleks Sarcevic(PI,Informatics,100);
807	Open Participation and Innovation In Hybrid-FOSS Communities	None	\$460,508.00	Susan Gasson(PI,Informatics,100);
805	Determining the critical driving skill deficits that predict novice driver crashes: Longitudinal study of a new database with simulated driving skill test results, state licensing data and crash outcomes	None	\$21,681.00	Santiago Ontanon(PI,Computing,100);
801	GOALI: Computational Methods for Paint/Coating In-Silico Product Design and Real-Time Product-Quality Monitoring and Control	None	\$338,449.01	Ali Shokoufandeh(Co-PI,Computing,20); Masoud Soroush(PI,Chemical Engineering,80);
798	A Tale of Neighborhoods: Community Archiving, Oral History, and Modern Memory in West Philadelphia	None	\$48,686.20	Alex Poole(PI,Informatics,100);
797	Developing Technologically Literate Curation Professionals: A Communication Model In Support Of Diverse Information Stewards	None	\$150,000.00	Lorraine L Richards Bornn(PI,Informatics,100);
796	Deep learning for histopathology image analysis inspired by human factors	National Institutes of Health (NIH)	\$430,375.00	Mark Zarella(PI,Pathology Control,50); David Breen(Co-PI,Computing,50);
795	Archival Education 2020-2050: Infrastructure, Sustainability, and Stewardship	None	\$148,786.43	Alex Poole(PI,Informatics,100);
794	Integrating Community-Based Learning with LIS Education	None	\$248,473.81	Xia Lin(PI,Informatics,25); Denise Agosto(Co-PI,Informatics,24); Jane Greenberg(Co-PI,Informatics,17); Erjia Yan(Co-PI,Informatics,17); Alex Poole(Co-PI,Informatics,17);
793	Pre-Proposal: DEVELOPING TECHNOLOGICALLY LITERATE CURATION PROFESSIONALS	None	\$150,000.00	Lorraine L. Richards(PI,Informatics,100);
792	Quantifying the role of funding in the career development of researchers	None	\$288,802.95	Erjia Yan(PI,Informatics,100);
791	Case-based XAI for Academic Search	None	\$488,224.00	Weber, Rosina(PI,Informatics,90); Denise Agosto(Co-PI,Informatics,10);

790	Exploring Diversity and Inclusivity through Community Archives: Social History and Collective Memory in Philadelphia	None	\$322,800.00	Alex Poole(PI,Informatics,100);
789	Making Effect Systems Practical: Polymorphism, Prototyping, and	None	\$369,367.00	Colin Gordon(PI,Computing,100);
786	Decentralized Asset Sharing for Cross-Domain Kill-Webs	None	\$384,000.00	Vasilis Gkatzelis(PI,Computing,100);
784	Kickoff Meeting	None	\$9,623.03	Ellen Bass(Co-PI,Informatics,50.0); Kurtulus Izzetoglu(PI,School of Biomedical Engineering,50.0);
783	Black Girls STEAMing Through Dance	None	\$15,000.00	Michelle Rogers(PI,Informatics,25); Raja Schaar(Co-PI,Product Design,25); Valerie Ifill(Co-PI,Dance Program,25); Ayana Allen-Handy(Co-PI,Educational Research & Development,25);
781	Data Science Honors Program for STEM (DASH-4-STEM)	None	\$1,149,360.00	Jane Greenberg(PI,Informatics,30); Christopher Yang(Co-PI,Informatics,15); Gail Rosen(Co-PI,COE Research & Graduate Studies,10); Christopher Sales(Co-PI,COE Research & Graduate Studies,15); Penny Hammerich(Co-PI,School of Education,10); Michelle Rogers(Co-PI,Informatics,20);
780	CRII: SaTC: Mitigating Deception and Misinformation in Social Forums	None	\$174,907.68	Jake Ryland Williams(PI,Informatics,100);
779	Erjia Yan: 2018 Eugene Garfield Award for Innovation in Citation Analysis	None	\$25,000.00	Erjia Yan(PI,Informatics,100);
776	CAREER: Domain-Specific Languages for Heterogeneous Systems	None	\$575,940.00	Geoffrey Mainland(PI,Computing,100);
765	CAREER: Building a framework for contextualized, future-oriented scholarly communication research	None	\$553,486.00	Erjia Yan(PI,Informatics,100);
751	CAREER:Verifying Operating Systems with Modal Logics for Virtualization and Caching	None	\$579,853.00	Colin Gordon(PI,Computing,100);