

CHARLES E. SCHUMER  
NEW YORK

Majority Leader

United States Senate  
WASHINGTON, DC 20510-3203

May 10, 2022

The Honorable Patrick Leahy  
Chairman  
Senate Committee on Appropriations  
Washington, D.C. 20510

The Honorable Richard Shelby  
Vice Chairman  
Senate Committee on Appropriations  
Washington, D.C. 20510

The Honorable Jeanne Shaheen  
Chair  
Subcommittee on Commerce, Justice,  
Science, and Related Agencies  
Senate Committee on Appropriations  
Washington, D.C. 20510

The Honorable Jerry Moran  
Ranking Member  
Subcommittee on Commerce, Justice,  
Science, and Related Agencies  
Senate Committee on Appropriations  
Washington, D.C. 20510

Dear Chairman Leahy, Vice Chairman Shelby, Chair Shaheen, and Ranking Member Moran:

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending items that I have requested in the Fiscal Year 2023 Commerce, Justice, Science, and Related Agencies Appropriations bill consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate.

Thank you for your consideration of these important requests.

Sincerely,



Charles E. Schumer  
United States Senator

**Schumer, Charles(D-NY) Commerce, Justice and Science  
Congressionally Directed Spending Requests**

Recipient Name	Project Purpose	Project Location	Amount Requested (\$000)
University at Albany, State University of New York	The requested funds will enable the Ion Beam Laboratory (IBL) to enhance its ion beam irradiation and implantation services to researchers in academia, industry, and federal agencies. The IBL plans to expand its capabilities by (i) upgrading the vacuum, control, and measurement systems of the 4 MeV accelerator (the Dynamitron), (ii) designing and building a low energy ion implant accelerator to simulate the impact of Solar winds on material and devices used in space vehicles and satellites, and (iii) purchasing an X-ray Fluorescence Spectrometer for atomic-level material analysis to study the impact of ion implantation on semiconductor wafers and better support advance technology development and prepare the industry for the next generation of the technological revolution in advanced chip manufacturing.	Albany NY	\$520
University at Albany, State University of New York	The University at Albany, State University of New York (UAlbany) requests \$2,100,000 to continue and expand work on a dedicated Vertical Sensing Evaluation Initiative in New York to study the planetary boundary layer, which is one of the next frontiers of weather and climate science that must be advanced to better predict and understand climate change and extreme weather events. This effort also has direct relevance to wind strength measurements needed in New York's inland and coastal regions for both the siting of new wind energy generation installations as well as real-time monitoring for load forecasts that are needed to facilitate integration of increasing amounts of wind and solar energy power onto state and regional electric grids.	Albany County NY	\$2,100
The Bronx Defenders	Our request seeks support to build on our existing model of holistic representation to further transform the criminal justice landscape by creating representation earlier in the process and extending advocacy beyond the length of representation. Funding for this initiative will invest in advocates that can help the most marginalized among us navigate the complexities of system involvement even prior to the start of a criminal case and long after a person's case is resolved and their sentence completed. This innovative project will not only help the lives of thousands of New Yorkers but will serve as another example to the nation of how public defenders can and should be a critical part of the larger fight for justice.	Bronx NY	\$265
67th Precinct Clergy Council, Inc.	Funds will be used for program operations, staff salaries, rent/lease, equipment, staff training, conflict mediation training, mental health counseling, stipends for participants, and vehicle maintenance.	Brooklyn NY	\$1,000
New York City College of Technology, CUNY	The New York City College of Technology (City Tech) seeks funding to launch the Urban Climate and Sustainability Research Center (UCSRC) to engage faculty, students, the community, stakeholders, and policy makers in fundamental and applied urban climate change and sustainability research projects. It will directly benefit the community by providing "top-down" and "bottom-up" state-of-the-art climate change adaptation, resilience strategies and solutions. Due to its unique geographical location, the urban-coastal region of New York City has been impacted by climate variability and change that have been evidenced in climate hazards such as sea level rise, coastal flooding, heat waves and other extreme events. The impacts of these climate hazards have not been equally distributed among and across the City's diverse demographics. As part of its activities, the UCSRC will investigate the type and magnitude of these inequities, to inform creation of the strategies and the solutions for ameliorating discrepancies and unequal treatment, particularly for the most vulnerable populations of city-dwellers.	Brooklyn NY	\$1,460
St. Nicks Alliance	The North Brooklyn Anti-Violence Initiative is a multipronged approach to address conditions contributing to local violence. The coalition of local groups will provide opportunities for education, employment, access for safe and stable housing and alternative activities for young people to make the streets safer for residents.	Brooklyn NY	\$1,000

Kings Against Violence Initiative, Inc.	KAVI, working in partnership with Karna, LLC and the hospital-based intervention programs (HVIPs) at Lincoln and Harlem Hospitals, seeks funding to establish the Center of Expertise for Hospital-based Violence Intervention Programs. This statewide initiative will leverage the experience and expertise of several Health + Hospital Corporation HVIPs to develop HVIP models to support the adaptation, replication, and implementation of effective violence intervention programs in hospitals throughout New York City and State.	Brooklyn NY	\$1,050
Kings Against Violence Initiative, Inc.	"Kings Against Violence Initiative (KAVI), working in partnership with community violence intervention programs, capacity-building assistance partners, and experts in violence interventions, public health, and Restorative Justice, seeks to continue conducting the NYS Center for Strengthening Community Violence Intervention Programs (SCVIP), a statewide initiative to strengthen the infrastructure and capacity of small community violence intervention programs (CVI), hospital-based violence intervention programs (HVIPs), and community-based organizations (CBOs) working in violence prevention to increase their effectiveness in providing violence intervention services. During its second year, the SCVIP will increase the delivery of training and technical assistance to upstate NY CVI/HVIPs/CBOs, with a particular focus on building their capacity in effectively utilizing evidence-based interventions, best practices, Trauma-informed Care, Restorative Justice, Healing Circles, Anti-Racist Care, and more."	Brooklyn NY	\$905
Kings Against Violence Initiative, Inc.	The Brooklyn Institute to End Gun Violence, proposed by KAVI, will serve as a central coordinating center for community violence intervention programs (CVIs) and community-based organizations (CBOs) conducting violence prevention and interruption programs, throughout the borough of Brooklyn in order to maximize the impact and outcomes of funding and support. By coordinating the work of CVIs/CBOs, the Institute will leverage their work for greater impact while also providing resources, partnerships, and mini-grants to strengthen their operations, management, program delivery, and build sustainability by acquiring new funding.	Brooklyn NY	\$1,100
Rensselaer Polytechnic Institute	This proposal will include capital funding to acquire critical instrumentation to support the fabrication and characterization of leading edge microelectronics materials, devices and integrated systems. In addition to supporting in-house research and education within Rensselaer Polytechnic Institute, the equipment will be accessible to external users, both academic and industrial. Envisioned as part of this program, is a wide bandgap research corridor that builds upon the legacy of the NYS Power Electronics Manufacturing Consortia. Required equipment funded by this grant will include an ion nano-fabrication system, a laser annealing system, a low pressure semiconductor growth system, an ellipsometer, a profilometer and a digital microscope.	Capital District / Rensselaer County / Troy NY	\$4,125
Faith in New York	Faith in New York (FINY) aims to use congressional funding provided through the ARP Bill to 1) train 10 clergy and community leaders on preventative public safety measures to reduce violence in our neighborhoods, particularly among a) Youth (16 - 25), b) Formerly Incarcerated Returning Citizens, and c) Black, Latinx, and Immigrant Communities while 2) conducting research on community concerns and program impact.	Corona NY	\$300
Croton on Hudson Police Department	The Croton-on-Hudson Police department is seeking funding to purchase body cameras for each officer, as well as dash cameras for three patrol vehicles that are used on a daily basis. We are also seeking funding for a cloud-based system for data storage.	Croton on Hudson NY	\$189
Scott J. Beigel Memorial Fund	For the 2022 calendar year, the Scott J. Beigel Memorial Fund (The Fund) requests \$356,500 to continue building upon its successful track record of providing safe, secure, and nurturing opportunities to 250 youth affected by gun violence living within at-risk, lower-to-moderate income communities throughout the Bronx, New York.	Dix Hills NY	\$367
City of Fulton Police Department	We are looking to initiate a door to door community policing project which will allow community members and citizens direct access to officers to voice their concerns. The funds received will cover the overtime cost to have two officers several times a week be assigned to this as we are unable to address the same concern by our regular patrol division.	Fulton NY	\$60

Livingston County	This Project would be procurement, training and deployment of a virtual law enforcement training simulator. This simulator would place police officers in real world scenarios that focus on de-escalation, less lethal options, community engagement and officer wellness highlighting positive outcomes and preservation of life.	Geneseo NY	\$150
The Woman's Opportunity Rehabilitation Center	Funds will be used to provide services for women and girls who are justice involved in the Nassau County Court system and the Nassau County Juvenile Detention Center. Our program will address the needs of domestic violence and human trafficking survivors through relocation services and provide educational/vocational and mentoring for justice involved women and girls.	Hempstead NY	\$637
City of Hornell	The City of Hornell Police Department is requesting funding for twelve security cameras to replace the failing outdated community cameras.	Hornell NY	\$34
Community Capacity Development	This proposal would fund Project Human Justice & Healing: an on-going, integrated, collaborative effort to provide 1) Direct services, 2) Technical assistance and 3) Community Engagement Support for communities identified through Community Capacity Development's Human Justice Network. Requested funds would provide additional personnel, equipment, supplies, contractual support, training, technical assistance, and information systems to support Community Capacity Development's existing network of human justice and healing sites.	Jamaica NY	\$2,000
City of Middletown	The City of Middletown seeks to expand the use of surveillance camera and license plate reader technology that is currently in use by law enforcement to monitor and investigate criminal activity. There have been significant advancements in the field of surveillance technology that assists police agencies in streamlining their operations, increasing the efficiency and effectiveness of police officers out in the field. Additionally, the City of Middletown would like to provide a dedicated secure storage location for the processing and storage of evidence, as our current facilities are limited for space. Through the addition of new surveillance technology and expanded facilities for the storage and processing of police evidence, the City of Middletown is confident that we can continue to provide a safe community for residents, business owners, and anyone who visits our city.	Middletown NY	\$300
Getting Out and Staying Out, Inc. (GOSO)	Requested funds will be used to develop family therapy programming for family members of victims of violent crime and for families of young people at risk of gang involvement in the East Harlem neighborhood of New York City.	New York NY	\$200
One Hundred Black Men of NY	The funds requested are to continue and scale the The One Hundred Black Men Business and Entrepreneurship Centers in what OHBM is calling Phase II.	New York NY	\$6,000
American Museum of Natural History	The American Museum of Natural History (AMNH) requests federal community project funding to help create the Museum's next Space SExhibit in the AMNH Hayden Planetarium. This new show will leverage a powerful visualization tool called OpenSpace, an exciting next-generation open-source software for visualizing data in real time that AMNH developed-and continues to enhance and expand on-in close partnership with NASA. Using real NASA mission data, OpenSpace renders awe-inspiring three-dimensional models of the cosmos. Additionally, the free OpenSpace software is available for use by AMNH and other institutions to produce live programs that delve deeper into topics covered in the Space Show, amplifying its educational impact.	New York NY	\$1,500
ALIGN: The Alliance for a Greater New York	ALIGN will use the requested funds to support our work uniting key stakeholders in labor, environmental justice, and community-based organizations around developing and winning equity provisions for offshore wind (OSW), alongside a model for community benefits agreements that will ensure that OSW projects are built with union labor with a local hire provision that benefits disadvantaged impacted communities.	New York NY	\$40
Columbia University	We request \$2,950,000 be directed to the Agricultural Modeling Intercomparison and Improvement Project (AgMIP) at Columbia University's Center for Climate Systems Research (CCSR). These funds will enable AgMIP to work with New York City's Watershed Agricultural Council (WAC) to help respond to recommendations by the National Academy of Sciences to develop a climate action plan for agriculture that clearly defines potential impacts, proposes actions to mitigate those impacts, and devises an adaptation strategy that ensures that agriculture does not contribute disproportionately to water quality degradation.	New York NY	\$2,950

Hudson River Park Trust	The Hudson River Park Trust is requesting funding to research the environmental benefits of marine habitat enhancement features being installed at the Gansevoort Peninsula and to provide hands-on educational programming and stewardship for NYC communities and students.	New York NY	\$750
Hudson River Park Trust	The Hudson River Habitat Enhancement Project is a large-scale restoration initiative designed to diversify and enrich Hudson River Park's 550-acre state-designated Estuarine Sanctuary through the deployment of submerged habitat features and millions of oysters. A crucial part of the project will include scientific monitoring to determine which enhancement techniques provide the greatest ecological uplift and conditions for successful reef generation, informing future restoration projects at other locations including across the region. This research is critical to identifying nature-based methods of making hardened shorelines more resilient in the face of climate change.	New York NY	\$750
The Arc Wayne	This request is for the funds to purchase and install a camera security system to monitor activities on and around the Arc Wayne's main campus in Newark, Wayne County.	Newark NY	\$162
Riverkeeper, Inc.	Funds will be used to create a Publicly Accessible, Mobile-Friendly Water Quality Web Portal in order to inform climate-resilient water quality improvements. The proposed new portal would be an open source data aggregator, combining Riverkeeper's data from the Hudson and tributaries, with other datasets that provide insight to changing conditions and the health of our waterways, such as beach data collected by the NYS Department of Health, and public access information provided by NYS Parks.	Ossining NY	\$250
City of Fulton Police Department	The funds for this project will go towards a TruNarc System, a Bomb Detection K9 with equipped Ford Interceptor drone and funds to cover overtime for manning.	Oswego NY	\$135
Town of Oyster Bay	The Town of Oyster Bay proposes to design and construct at new shellfish hatchery at the Theodore Roosevelt Park & Marina in Oyster Bay, NY.	Oyster Bay NY	\$3,500
Clarkson University	Clarkson University has a technology that advances on-demand transit using green energy to the next level by taking stronger, lighter, more modular rail cars and independently moving them on an elevated rail line with extreme efficiency and safety.	Potsdam NY	\$2,000
Rochester Institute of Technology	Funding will be used for the purchase and installation of equipment to be used for microelectronics and semiconductor manufacturing education and research. This includes critical upgrades to cleanroom equipment (air handling, filtration, wet processing and contamination control) and instrumentation for the dry-lab (metrology, materials characterization, semiconductor and integrated photonics fabrication).	Rochester NY	\$6,000
Rise Up Rochester, Inc.	Congressional directed spending funds will be used for the Anti Violence Safe housing project to support safe housing and wraparound support for gun violence victims being relocated to safe housing and being provided court support.	Rochester NY	\$400
Griffiss Institute	Funding for The Smart-X Internet of Things (IoT) Living Lab's implementation strategy addresses the dynamic and evolving smart technologies market with a focus on leveraging the innovation created by the partnerships and collaborative efforts between the region's government, industry, academic institutions, and community at the Griffiss Business and Technology Park (GBTP) in Rome, New York (NY), and surrounding area.	Rome NY	\$3,000
Village of Southampton Police Department	Project will purchase and install 41 closed circuit video monitoring units and 14 license plate readers to modernize law enforcement and enhance proactive crime control, prevention and response.	Southampton NY	\$632
Stony Brook University SUNY	We request \$5m to develop a Quantum Internet Center on Long Island, that will serve as the nucleus of quantum internet development in the US. Unlike any other university in the US, the already existing quantum network testbed across Long Island provides Stony Brook University with the advantage at this very moment to become the backbone of a vast network of connected quantum computers and other quantum devices across NYS and the US East coast, in what has the potential to become the first inter-state quantum internet network in the world. Our quantum	Stony Brook NY	\$5,000

	communications experiments represent discoveries at the very frontiers of science, as evidenced by the two only quantum communications patents in the US, publications in Science, Nature, Discovery and coverage by numerous media outlets. These metrics provide scientific evidence that our request is a timely and critical matter of US national defense and security. Funds would be used to launch our Center, expand the quantum network testbed between SBU and BNL, create a new quantum cloud-based testbed, and pursue an ambitious quantum-smart workforce development plan for the Long Island region. These collective efforts will catalyze new technologies to accelerate today's internet functionality, to improve the security of our communications, and to enable dramatic advances in computing. Our Center is poised to lead the nation through an ambitious quantum-smart workforce development program encompassing a wide range of academic credentialing programs to include new online courses, micro credentialing, and immersive experiential exchange programs that are highly attractive to industry professionals.		
Syracuse University	The funding requested here will support a multi-year study of the dynamics underpinning smart, connected cities through a case study of Syracuse, NY. The project will combine the perspectives of engineers and social scientists and the insight of community stakeholders with the objectives of (1) better understanding public awareness of smart technologies and (2) the workforce needs associated with them. The ultimate deliverable will be (3) a set of best practices addressing societal/policy and technological aspects of smart-city development that can inform future decisions and inspire the development of mid-sized smart cities around the world.	Syracuse NY	\$1,000
CenterState Corporation for Economic Opportunity	This project proposes developing a New York Center for Smart Cities (NYC4SC) to serve as a center of excellence designed to accelerate innovation that meets government and community-based challenges through new digital applications and data science. Using a public-private partnership model, NYC4SC will foster innovation through the development, testing, and deployment of "smart" applications for both municipal and private / commercial use.	Syracuse NY	\$750
City of Syracuse	?The Cadet Program is intended to work with inner city young adults who have recently graduated high school, completed the Junior Cadet Program, and are still not eligible to become Police Officers. The structured program will offer physical fitness and academic training that will best prepare them for entering into the Police Academy with a high probability for success.	Syracuse NY	\$500
City of Syracuse	Request for street cameras to assist with both prevention and investigation of criminal behavior.	Syracuse NY	\$500
Town of North Hempstead	The Manhasset Bay Restoration Project will combine shoreline restoration and green infrastructure at Sunset Park in the Village of Port Washington on the Manhasset Bay and Long Island Sound coast, with green infrastructure on the North Hempstead Town Dock which is soon to be reconstructed with FEMA resources after major damage from Hurricane Sandy, and with oyster reseeded and restoration in the Manhasset Bay.	Town of North Hempstead NY	\$3,500
Town of Oyster Bay	The Town of Oyster Bay proposes to replace approximately 53,000 cubic yards at TOBAY Beach which has been diminished due to coastal erosion.	Town of Oyster Bay NY	\$1,378
Utica University	The Utica University Crime Laboratory will support a full range of crime scene investigation activities for both University Students and local law enforcement agencies.	Utica NY	\$716
Center for Court Innovation	New Rochelle taxpayers are joining a long list of communities that support new approaches to violence. Youth, ages 18-24, have accounted for 29% of violent crimes and 47% of firearm-related arrests in New Rochelle from 2017 through 2021. This project will increase positive outcomes for the target population and the wider New Rochelle community by increasing community safety, reducing community violence, increasing civic engagement and community participation, and creating sustainable solutions to the issues driving community violence.	Westchester NY	\$1,125