

**House Armed Services Committee
Peters, Scott H.(D-CA) - Community Project Funding Requests**

ID	Request Project Name	Recipient Name	Request Member's Request (in thousands, \$000)
61	Assessment of a National Laboratory for Transformational Computing	University of California San Diego	\$2,000
66	SOF Basic Training Command (P855), Coronado, CA	Naval Amphibious Base Coronado	\$20,500
88	Mobilizing Civilian Expertise for National Security Education on Geo-Economics, and Innovation in the Era of Great Power Competition	University of California San Diego	\$9,000

Request ID: 61			
Project Name:	Assessment of a National Laboratory for Transformational Computing	Request Nature:	Community Project Funding
Member Name:	Peters, Scott H.(D-CA)	Member's Request: (in thousands, \$000)	\$2,000
Justification:	<p>A new generation of computing technology is emerging, fueled by the development of artificial intelligence, new computing paradigms, new electronic devices, new fabrication technologies, and large, complex systems-on-a-chip and systems-in-a-package. In reality, we are entering a new "golden age" for computing that will extend the ongoing, exponential growth in computational capabilities for decades to come. While it still maintains advanced R&D capabilities, the United States has lost the ability to create system scale prototypes employing new materials, devices, architectures and systems at state-of-the-art semiconductor process nodes and computing system designs. This inability to make system scale prototypes prevents the translation and exploitation of our strong R&D for commercial and national defense needs. Currently these capabilities are maintained outside the U.S., at institutions like the Taiwan Semiconductor Research Institute and IMEC (Belgium). In addition, as our ability to continue simply shrinking transistor sizes comes to an end, the motivation and need to exploit new technologies will mushroom, but only those countries that have positioned themselves for leadership will reap the corresponding benefits of these new technologies. A National Laboratory for Transformational Computing will position the U.S. for leadership in the next generation of computing, without which such leadership will continue to be passed to Taiwan, Korea and China. Strong government support and leadership is required to prevent a repeat of the failures at Sematech, in which a consortium of competing industry partners were unable to align their interests and invest in long term outcomes. The success of TSMC (Taiwan) is tied to a strong public-private partnership focused on semiconductors that has been sustained for decades. Existing national laboratories in the U.S. currently lack the focus, resources and mission to serve the national interest in this domain. While the realization of a new National Laboratory for Transformational Computing will almost certainly involve a competitive process for its location and management, a location in Southern California would be very attractive given the strength of the computing industry in the state, the strength of its regional universities, and the proximity to semiconductor manufacturing sites in Arizona.</p>		
Project Purpose:	<p>This project will develop recommendations for a national microelectronics fabrication and design center, called the National Laboratory for Transformational Computing, that will translate basic research and development (R&D) within the U.S. to next generation semiconductor chips and computing systems and serve as a trusted fabricator for the U.S. government. The U.S. faces a crucial set of challenges regarding access to state-of-the-art semiconductor products and their future development. Intel has lost its leadership position to TSMC and Samsung, and the Chinese government is investing heavily in the development of semiconductor fabrication and R&D. These trends substantially threaten US economic development, national security, and global competitive stature. This challenge is recognized in the FY2021 NDAA, Sec. 276, which calls for "an assessment of the feasibility, usefulness, efficacy, and cost of developing a national laboratory exclusively focused on the research and development of microelectronics."</p> <p>Primary deliverables will be a report and roadmap detailing the development of the national laboratory and the education of decision makers regarding the findings and recommendations. The project will address not only the interests of the Department of Defense as outlined in the FY2021 NDAA, but also other government, industrial and academic partners.</p>		
Member Website Link:	https://scottpeters.house.gov/helping-you/appropriations-request		
Project City or County:	La Jolla, San Diego County	Project State:	CA
Recipient Name:	University of California San Diego	Recipient Mailing Address:	9500 Gilman Drive, La Jolla, CA 92093

SCOTT H. PETERS
52ND DISTRICT, CALIFORNIA

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Congress of the United States
House of Representatives
Washington, DC 20515

June 15, 2021

The Honorable Adam Smith
Chairman
Committee on Armed Services
U.S. House of Representatives
Washington, D.C. 20515

The Honorable Mike Rogers
Ranking Member
Committee on Armed Services
U.S. House of Representatives
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for an Assessment of a National Laboratory for Transformational Computing in fiscal year 2022. The entity to receive funding for this project is the University of California at San Diego, located at 9500 Gilman Drive, La Jolla, California, 92093.

The funding would be used for developing recommendations for a national microelectronics fabrication and design center, called the National Laboratory for Transformational Computing, that will translate basic research and development (R&D) within the U.S. to next generation semiconductor chips and computing systems and serve as a trusted fabricator for the U.S. government. Primary deliverables will be a report and roadmap detailing the development of the national laboratory and the education of decision makers regarding the findings and recommendations. The project will address not only the interests of the Department of Defense, but also other government, industrial and academic partners.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

SCOTT H. PETERS
Member of Congress

Request ID: 66			
Project Name:	SOF Basic Training Command (P855), Coronado, CA	Request Nature:	Community Project Funding
Member Name:	Peters, Scott H.(D-CA)	Member's Request: (in thousands, \$000)	\$20,500
Justification:	Supports selection, training, and qualifying candidates to become SEALs and Special Warfare Combatant-Craft Crewmen (SWCC).		
Project Purpose:	Constructs, renovates, and demolishes facilities to support development of the Naval Special Warfare Center (NSWC) Basic Training Command Schoolhouse on the Oceanside of Naval Amphibious Base Coronado.		
Member Website Link:	https://scottpeters.house.gov/helping-you/appropriations-request		
Project City or County:	San Diego	Project State:	CA
Recipient Name:	Naval Amphibious Base Coronado	Recipient Mailing Address:	Naval Special Warfare Command, 2000 Trident Way Bldg. 624, San Diego, CA 92155-5599

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Ranking Member
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U.S. House of Representatives
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding to support development of the Naval Special Warfare Center Basic Training Command Schoolhouse on the Oceanside of Naval Amphibious Base Coronado in fiscal year 2022. The entity to receive funding for this project is located at Naval Special Warfare Command, 2000 Trident Way, Bldg. 624, San Diego, CA 92155.

The funding would construct, renovate, and demolish facilities to support development of the Naval Special Warfare Center (NSWC) Basic Training Command Schoolhouse on the Oceanside of Naval Amphibious Base Coronado. Naval Special Warfare Center will continue to share an undersized facility with Special Boat Team TWELVE (SBT12) on the bayside of Naval Amphibious Base Coronado. This would inhibit the ability Naval Special Warfare Center Medical to consolidate its Behavioral Health Unit and force Naval Special Warfare Orientation to move into obsolete facilities to accommodate the increase in combatant craft.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

SCOTT H. PETERS
Member of Congress

Request ID: 88

Project Name:	Mobilizing Civilian Expertise for National Security Education on Geo-Economics, and Innovation in the Era of Great Power Competition	Request Nature:	Community Project Funding
Member Name:	Peters, Scott H.(D-CA)	Member's Request: (in thousands, \$000)	\$9,000
Justification:	<p>The educational system that prepares military officers and civil servants for national security and defense leadership positions must adapt to succeed in a rapidly changing world. The most pressing national security challenges of the foreseeable future relate to great power competition, which will be not just military, but also geo-economic and technological in nature, and which will be far more complex than in the past. To succeed in this environment, leaders will need a broader and more diverse set of intellectual tools than most currently possess. Preparing leaders for 21st century challenges requires developing a military/defense educational ecosystem that is deeply supported by both civilian university systems and the commercial sector.</p> <p>One training model will be to establish coordination centers in Silicon Valley and San Diego where leading industry experts would provide regular training workshops for students. These coordination centers would facilitate internships and other types of work experiences and could collaborate with existing entities with good relationships with the defense establishment.</p> <p>If San Diego serves as a coordination center, UC San Diego will be one of the leading universities for helping to educate the U.S. military in winning in peacetime without going to war or using force. It will support greater collaboration between the academic and corporate communities in San Diego, especially UC San Diego and Silicon Valley, which will help spur innovation. Finally, many of the research topics being studied will directly affect San Diego and California geo-economic trends including: geo-economic trends in the Asia-Pacific, foreign investment flows into the U.S., and building domestic U.S. innovation capacity. The research produced in this project will help policymakers and business executives in San Diego and California understand some of the looming political risk and national security trends that will significantly impact the region.</p>		
Project Purpose:	This project is intended to build a robust pipeline of intellectual talent and knowledge on geo-economics, innovation, and national security (GINS) to support the education of military officers and civil servants in the national security and defense community. A key goal is to build an academic education infrastructure to support the national security establishment in training their workforces on GINS skills. Another goal is to produce a significant body of knowledge that supports the needs of military and civilian students and faculty on GINS in the national security establishment.		
Member Website Link:	https://scottpeters.house.gov/helping-you/appropriations-request		
Project City or County:	La Jolla, San Diego County	Project State:	CA
Recipient Name:	University of California San Diego	Recipient Mailing Address:	9500 Gilman Drive, La Jolla, CA 92093

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The Honorable Mike Rogers
Ranking Member
Committee on Armed Services
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Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the “Mobilizing Civilian Expertise for National Security Education on Geo-Economics, and Innovation in the Era of Great Power Competition” project in fiscal year 2022. The entity to receive funding for this project is the University of California at San Diego, located at 9500 Gilman Drive, La Jolla, California 92093.

The funding is would build a pipeline of intellectual talent and knowledge on geo-economics, innovation, and national security (GINS) to support the education of military officers and civil servants in the national security and defense community. A key goal is to build an academic education infrastructure to support the national security establishment in training their workforces on GINS skills. Another goal is to produce a significant body of knowledge that supports the needs of military and civilian students and faculty on GINS in the national security establishment. This project would help the educational system better prepare select individuals in the national security and defense community lead in an era of great power competition.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

SCOTT H. PETERS
Member of Congress