



The **American Heritage Defense Corporation (AHDC)** is a 501(c)(3) Nonprofit Corporation (Think Tank) that was founded in 2002 with a mission to seek innovative ways of promoting diversity of the United States work force in Science, Technology, Engineering, and Mathematics (STEM). **AHDC** has provided concepts, technical assistance and other services to agencies of the U.S. Government and has collaborated with other entities in pursuing its mission. The following link chronicles the efforts by **AHDC** to date: www.bit.ly/AHDCBriefsArchive

Initiatives	Brief Synopsis	Impact
AMWETI	The Advanced Manufacturing Workforce Education and Training Institute (AMWETI) has been proposed with the vision of educating a new generation of students in advanced manufacturing that would enable them upon graduation to secure well-paying employment and strengthen the foundations of advanced manufacturing in the U.S. economy. The American Heritage Defense Corporation (AHDC) believes that students trained by the AMWETI and its partners will contribute to the critical, diverse workforce necessary for U.S. businesses to thrive in the global advanced manufacturing supply chain.	AMWETI will promote the participation and contribution of Historically Black Colleges and Universities (HBCUs), Tribal Colleges (TCs) and Hispanic Serving Institutions (HSIs), in the Manufacturing USA Program and the national advanced manufacturing enterprise.
PDCS	AHDC Program Development Consulting Services (PDCS) are designed to assist faculty at client institutions to procure sustainable, sponsored projects for research and development (R&D), academic programs and student development especially in: 1) Science, Technology, Engineering, and Mathematics (STEM); 2) Health and Human Services; 3) Teacher education in literacy, critical-thinking skills, and science and mathematics; 4) Business Administration Integrated with technology; and 4) Government Services. Procuring and implementing sponsored projects in these academic areas are particularly focused on student development needs and interests and potential high-paying career opportunities.	a.) Upgrading institutional infrastructure of laboratory facilities, and computing, scientific, and instructional delivery equipment; b.) Faculty research and development (R&D) and graduate research assistantships; c.) Curriculum improvements and restructuring; d.) Student development; e.) Positioning institutions to take advantage of entrepreneurial opportunities.
CAR	The Coalition for Applied Research (CAR) was established by AHDC in 2008 in order to: (1) Expedite the transition of new scientific discovery and invention to mission deployment and other commercial applications; (2) Enhance the applied research competitiveness of its members in support of the United States Government; and (3) Establish Non Traditional Centers of Excellence in emerging advanced technology disciplines at member institutions. Participation in CAR is open to Academia, Industry and Government. Members collaborate to pool together capabilities and resources to deliver innovative solutions to government and industry needs and challenges. Visit www.bit.ly/CARnet .	1.) Open innovation collaborations among CAR members support rapid technology transition from laboratory to end user; 2.) Emerging research institutions collaborate with innovation companies and industry to develop and/or strengthen their capabilities in Applied Research.