



Veterans to Infrastructure

ABOUT CPI

CPI trains and inspires quality people and connects them to civilian concrete, construction, and infrastructure careers while preserving national landmark structures.

BACKGROUND

The US has a shortage of skilled trades and management personnel to address new construction and failing building and infrastructure needs - America's infrastructure score is a D+ according to ASCE's 2017 Infrastructure Report Card. The US National Park Service has limited resources to deal with their significant stock of landmark and other structures in need of evaluation, repair, and maintenance – their deferred maintenance totals \$12 billion of which 68% is buildings and transportation infrastructure. The US military has a strong commitment to preparing active duty personnel for post-service success, many of whom seek additional training and connection to employers to increase their chances of successful, long-term civilian employment.

CPI is a non-profit educational foundation that addresses these needs with their Field School Program, with their Job Placement Program, as an official US military Career Skills Program (CSP) for active duty service members, and as a partner of the US National Park Service (NPS).

PROGRAMS & PARTNERSHIPS

CPI Field School

Active duty military participants in CPI's 12-week Alcatraz Island and Pearl Harbor Field School CSP programs gain exposure to many areas of concrete and construction. They complete extensive tool, equipment, and material hands-on training, teamwork and management learning objectives, valuable industry certifications, and significant repair projects on landmark structures and public lands that benefit preservation, structural longevity, visitor access, and safety. CPI's high profile projects at NPS sites help create interest among service members who may not otherwise have considered careers related to concrete, construction, or infrastructure. Individuals with or without experience, and/or an interest in construction, are encouraged to apply and discover where they fit into the future of US construction and infrastructure. Participants remain on active duty for the duration of training. CPI offers separate industry internship opportunities with partnering companies and oversees intern progress as they work on various public and private projects.

The CPI Field School engages leading industry subject matter experts to serve as guest lecturers and provides opportunities for mid-career professionals to gain professional development and serve as Field School mentors. The US Army Corp of Engineers recently brought their engineers to Alcatraz for first-hand exposure to the latest developments in concrete repair and to inspire Field School participants. CPI's full-time, year around presence at NPS sites makes the Institute a much needed NPS continuous stewardship force bringing expertise, resources, and manpower to not only their comprehensive Field School projects but also ongoing assessment and maintenance efforts that extend major capital investments for projects completed by others. CPI invites exceptional participants who have completed the Field School to join their team for special projects; in the past, CPI staff and partners have engaged in projects at the WWII D-day landing site at Pointe du Hoc, Normandy, France, and Peleliu Island among others.

CPI Placement Program

Concrete and construction are among the world's largest industries. Their companies support CPI and participate in the CPI Placement Program hiring candidates at all levels across the country. The focus is on employment longevity through

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CPI INSPIRES AND TRAINS QUALITY PEOPLE FOR CIVILIAN CONCRETE, CONSTRUCTION, AND INFRASTRUCTURE CAREERS WHILE PRESERVING NATIONAL LANDMARK STRUCTURES
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connecting individuals with companies in geographic locations desirable to the candidate/their families where they may have family roots and/or seek to establish their civilian future and in positions well-matched to their personal and career goals and aptitude. The priority is remaining ahead of the veteran-to-civilian transition curve that too often results in veterans unemployed or underemployed. While industry recruiters may find it difficult to connect with the thousands of active duty service members annually transitioning to the civilian world, CPI works directly with active duty through their CSP to connect Field School participants, as well as other service members nearing their expiration terms of service (ETS), to industry employers. CPI encourages employers to make job offers prior to service members' ETS dates so that their final military move can be to their civilian job location. Participants may find their interest in traditional concrete and construction skilled trades and management jobs as well as those in business, operations, logistics, IT and construction technology, manufacturing, transportation, administration, and research, among many other fields related to these industries (please see website or CPI Field School Participant Flyer for employment outlook).

For college-bound transitioning service members, CPI provides direct links to related university programs in CA, TX, TN, and NJ. CPI maintains connection with students to facilitate summer internship and full-time position interviews.

BROADER IMPACT

Concrete repair and maintenance are relatively new fields growing in response to infrastructure conditions and a refocus of significant public funding. CPI's directors, two of whom were named among the five most influential people in the industry by Concrete Construction Magazine, are dedicated to advancing the industry through workforce development, professional training and certification, optimal and appropriate use of technology, and developing approaches aimed at high-quality, long-term durability of overall structures beyond immediately successful repairs.

Current Field School locations at Alcatraz Island and Pearl Harbor, irreplaceable national cultural treasures deserving of the highest preservation investment, are also unique locations in the world helping tell the powerful story of concrete's role as a foundation of modern civilization. The original military purpose, design, and construction of the structures at both sites demonstrate long standing concrete durability that has fallen victim to deferred maintenance in much the same way that US infrastructure has declined. CPI's high profile, publically promoted projects at NPS sites - undertaken by leading experts utilizing the best/most appropriate technologies available, completed while training young military personnel preparing for civilian transition, and supported by industry - attracts media and PR coverage helping educate broad audiences about needed infrastructure resources and highlighting our responsibility to deliver on promises made to service members and their families.

CPI positively impacts local communities through historic preservation, community service projects for which CPI Field School participants mentor local youth and complete needed minor infrastructure projects, and, through their extensive nationwide network of industry partnering companies, helping veterans find careers in communities where they can find a home and become part of the contributing citizenry. CPI increases its impact by engaging their Field School participants in applied concrete research, and, as space allows, accepting into their Field School and Job Placement Programs other service-related personnel including veterans, reservists, guard members, and dependents, as well as students and other young adults seeking passion and direction for their professional futures.

PARTNERS, SPONSORS, AND DONORS

CPI and their partners are grateful for the opportunity to connect service members' career goals with industry workforce needs and the preservation of nationally significant cultural resources. CPI invites individuals, companies, and organizations to join CPI as partners, sponsors, or donors.