

HIGHLIGHTED 2013 PROJECTS

- ⇒ Lung Cancer Screening
- ⇒ Telehealth Tools: Aphasia Assessment and Treatment
- ⇒ Primary Care Flow Improvement—Operation Review
- ⇒ Women’s Health Screening
- ⇒ Dialysis Strategic Analytic
- ⇒ Staffing Models CBO Fee Office and VISN 8
- ⇒ Chronic Pain Management Phone App
- ⇒ Game Based Learning
- ⇒ Mental Health Paperwork Reduction
- ⇒ Pre-Admissions Certification Process Improvement
- ⇒ Quantifying Specialist Services in the Patient Aligned Care Team (PACT)
- ⇒ Scheduling Resource Assessment Project
- ⇒ National Collaborative Support
- ⇒ National Initiative to Reduce Missed Opportunities (NIRMO)
- ⇒ Data Research Engine Analytic Module (DREAM).



OUR MISSION:

Lead the continuous improvement of healthcare within the VHA for our nation’s veterans through the application of knowledge and expertise in Systems Engineering and Operations Management.

VISION:

To become a world class leader in improving healthcare.



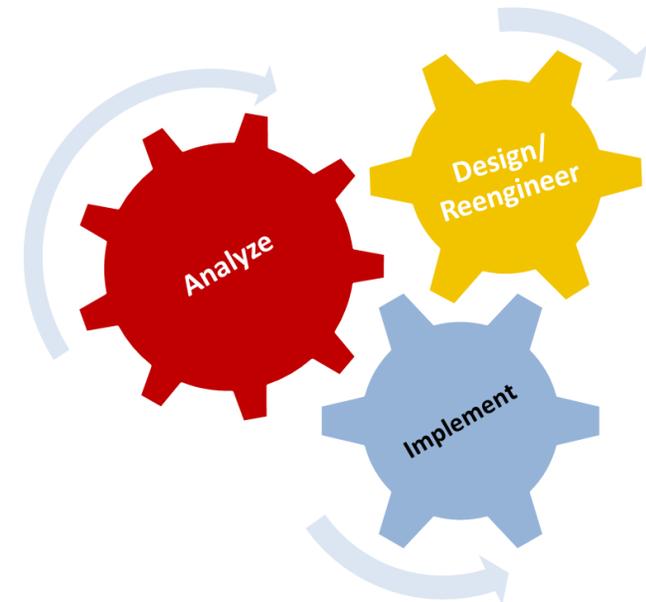
Veterans Engineering Resource Center
VA Pittsburgh Healthcare System

Contact us

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Veterans Engineering Resource Center
VA Pittsburgh Healthcare System



Applying expertise in systems engineering to improve processes and design solutions that improve the health of our nation’s Veterans.

WHAT IS THE VERC?

The VA Pittsburgh Veterans Engineering Resource Center (VERC) utilizes a multidisciplinary approach to improve healthcare processes in the Veterans Healthcare Administration. We provide healthcare process improvement coaching, consulting, and training to various stakeholders to build strong teams and get proven results. Together, along with our academic partners, we have a successful track record of leading impactful projects and cultivating a workforce engaged in improving healthcare processes for patient care in VHA.

VERC staff are industrial and systems engineers, project managers, improvement specialists, researchers, leaders, and academics with expertise in areas such as:

- Lean and Six Sigma
- Computer simulation models
- Enterprise and project management
- Database design and development
- Queuing methods and models
- Human factors engineering
- Healthcare Process optimization
- Knowledge management and education
- Scheduling optimization
- Statistical process control
- Data mining and predictive modeling
- Healthcare Operations research

WHAT DO WE DO?

Analyze

- Collect data via data mining, surveys, interviews, and focus groups to identify gaps and address stakeholder needs
- Integrate large scale data sets into meaningful and useful information
- Determine feasibility and scalability of improvement initiatives



Design/Reengineer

- Provide customized solutions and rapid prototypes to improve VHA healthcare
- Collaborate with multidisciplinary teams to identify and develop best practices
- Utilize quality improvement tools to eliminate waste and improve efficiencies in patient care

Implement

- Educate teams on implementing best practices to ensure successful execution of future initiatives
- Pilot process improvements in clinical and administrative areas
- Market and communicate ideas and strategies on local regional and national level

