

June 2017

**VETERANS HEALTH ADMINISTRATION
NATIONAL CENTER FOR PATIENT SAFETY**

PROPOSAL SOLICITATION: PATIENT SAFETY CENTERS OF INQUIRY

- 1) **PURPOSE:** This solicitation announces the opportunity for various entities of VHA to compete to become a Patient Safety Center of Inquiry (PSCI). Patient Safety Centers of Inquiry (PSCIs) are managed by the National Center for Patient Safety (NCPS) and are an integral part of the NCPS program. To be successful, a PSCI is expected to develop, disseminate, and, most importantly, implement clinically relevant innovations that improve patient safety in VHA facilities. Successful PSCIs will provide specific tools for the field that will help to improve patient safety.
- 2) **POLICY:** Ten PSCIs are currently funded through the end of FY 2018. Starting with FY 2019, VHA NCPS will fund multiple PSCIs, each for a three year period. Current PSCIs must re-compete along with other facilities for FY 2019 funding. Total annual costs proposed for a single PSCI cannot exceed \$290,000 per year. Those developing proposals are encouraged to submit proposals for less than \$290,000 per year; as cost will be a factor in the selection process. Each PSCI's accomplishments will be evaluated at the end of each fiscal year as a condition of continued funding. Based on the availability of funds and satisfactory completion of the work proposed for the initial course of funding, PSCIs would be able to apply for continued funding.
- 3) **BACKGROUND:** PSCIs were first funded beginning in 1999 and have made valuable contributions to the improvement of patient safety within VHA and beyond. For example, the PSCIs have contributed to teamwork and simulation training; the application of usability testing and human factors design to Bar-Code Medication Administration. They have designed and led Breakthrough Series Collaboratives to reduce patient falls, adverse drug events, and improve safety in high-risk settings. There has been extensive work in the areas of safe patient handling and movement and patient fall prevention and management; and far-reaching studies of fatigue and its effects on clinicians' performance. They have focused on improvement in the safety of drug prescribing practices and medication administration, providing interventions to decrease preventable ADEs, including medication reconciliation and reduction in medication errors related to ordering of chemotherapy for treatment of malignancy. More recently PSCIs have focused on improving electronic communication and alerts, improving patient safety during moderate sedation, improving home safety for high-risk patients as well as using human factors principles to reduce hospital acquired infections and improve the sterilization of reusable medical equipment. PSCI's have also focused on suicide prevention, patient safety measurement, diagnosis and treatment of delirium and interventions to reduce catheter associated urinary tract infections.

4) **PROPOSAL EXPECTATIONS:**

- a) **Goals and Objectives:** Proposals for PSCIs should aim to evaluate and translate patient safety research findings into standard practices that are disseminated and implemented to improve patient safety across the entire VHA system. Funded PSCIs will be able to work with NCPS staff to develop promising pilot tests and other projects to determine how to best translate facility-level corrective actions into practices that could be applied successfully elsewhere in the VHA to improve patient safety. Each PSCI is expected to:
- i) Develop, implement, and demonstrate interventions in multiple VHA facilities to promote practices that improve patient safety by reducing adverse events or that replace or improve practices known to be associated with patient safety problems.
 - ii) Document that changed practices and/or systems reduce the likelihood of adverse events in multiple VHA facilities.
 - iii) Document the methods employed to foster changing practices and systems so that other VHA facilities can implement similar or identical changes to improve patient safety.
 - iv) Develop, test, refine, and facilitate active distribution of tools and products specifically designed to promote patient safety, such as clinical tools; cognitive aids; educational materials; measures of patient safety, policy reports; VHA information letters, handbooks, and/or directives; and others. Tools and other output should be evaluated for effectiveness and impact.
- b) **Areas for Focus:** NCPS has studied the patient safety literature and the RCAs submitted from VHA facilities to identify areas in health care where contributions from new PSCIs are most needed. The following topics and areas of study (listed alphabetically) are those identified by NCPS as high priority topics for PSCIs (other topics will be considered but applicants must justify why this area is a high priority area for VHA):
- i) Delirium: assessment and treatment
 - ii) Falls prevention and falls injury prevention
 - iii) Improving safe prescribing of Opioids
 - iv) Infection control and the prevention of hospital acquired infections.
 - v) New Measures of Patient Safety
 - vi) Outpatient care/ambulatory care safety improvement
 - vii) Patient hand-offs and transitions of care
 - viii) Preventing adverse drug events
 - ix) Prevention of Serious Reportable Events or “Never Events”
 - x) Reduction in diagnostic error
 - xi) Reduction of delays in treatment and diagnosis
 - xii) Suicide prevention
 - xiii) Wound healing and the prevention and treatment of pressure ulcers.
 - xiv) Use of human factors engineering principles to improve patient safety

5) **REQUIREMENTS:**

a) **General Requirements:** Leadership and responsibilities for operational success should be clearly located at one site; however, PSCIs should plan to spread innovations to other facilities within VHA. Proposals may originate from any VHA facility but must be coordinated and approved by appropriate facility leadership and the Network Director.

b) **Proposal Requirements:**

i) **Administrative Content.** Proposals must contain the following information in numbered order and are to be no more than 20 pages in length, excluding a two-page executive summary, transmittal letter, and appendices.

Applications should be typed on standard-sized (8 1/2 by 11 inch) white paper, single-spaced, with a font size no smaller than twelve characters per inch. Applications should include:

- (1) Executive Summary of overall proposal and implementation plans (maximum two pages).
- (2) Patient safety topic(s) to be emphasized and rationale for their selection.
- (3) Specific PSCI goals and objectives.
- (4) Plans and schedules for attaining, evaluating, and documenting the achievement of the PSCI's goals and objectives.
- (5) Proposed administrative infrastructure, including key leadership and core staff roles and pertinent qualifications. The PSCI is expected to have a Director who will allocate at least 40% effort to running the center.
- (6) Description of any proposed collaborative relationship, e.g., with academic affiliate or other organization that has a demonstrated record of successful activity in technical or programmatic areas fundamental to patient safety, or key offices in VACO that can help to track and disseminate your finding and products.
- (7) Any proposed advisory mechanisms, their composition, functions, and operational activities.
- (8) Discussion of applicant's (site and key personnel) experience and evidence of success in applying patient safety innovations or other achievements in improving the quality or safety of patient care. It is especially important to list past experience developing and implementing patient safety programs.
- (9) Summary of specific milestones for organizational progress and accomplishments, beginning with the selection of the PSCI (anticipated no later than December 29, 2017) and ending with the close of the proposed funding period. (Include Gantt chart for clarity of anticipated accomplishments).
- (10) Personnel and budget. PSCIs will be funded under the 0152 Medical Support and Compliance appropriation (preferred), the 0160 Medical Services appropriation, or a combination of the two. Requested funding must be broken down by appropriation, purpose, and FY quarterly apportionment for each year as follows:

APPROPRIATION	PURPOSE	Q1	Q2	Q3	Q4	TOTAL
0152 MS&C	Salaries					
0152 MS&C	All Other					
0160 Med Services	Salaries					
0160 Med Services	All Other					
TOTAL						

(NOTE: If you plan to initiate a contract for any reason (this includes IPA's), please contact David Davis at 802-291-6285 or "david.davis5@va.gov" prior to submitting your funding breakdown.

RESTRICTIONS:

- (a) PSCI funds cannot be used for travel. No travel obligations may be made at the local level from any PSCI funds that originate from the National Center for Patient Safety. Travel will, in almost all cases, need to be funded by the host medical center from medical center funds. NCPS anticipates it will have a very limited ability to directly support/fund mission essential temporary duty travel for PSCIs in FY 2019 and beyond.
- (b) PSCI funds cannot be used for IT equipment, software, or IT services.

NOTE: It is strongly recommended that the servicing Fiscal office be consulted for a determination of which appropriation(s) funds are requested under. Once initial funding commitments are made, it is unlikely that a change in the appropriation can be made.

(11) Gantt chart of activities for duration of funding

- c) Appendices should include only:
 - i) Biographical sketches of key personnel. The Principle Investigator must have at least 5/8 appointment in VA.
 - ii) Letters of support (e.g., from important component participants and/or consultants if applicable). Letters of support from elected officials should not be solicited or submitted.
 - iii) Related publications by key personnel proposed.
- 6) Signatures. Each proposal should include cover transmittal letter(s) approved and signed by the appropriate facility Director - – this letter must certify that the Principle Investigator is at least 5/8 VA employee. Evidence of coordination among involved parties also is required.
- 7) Due Date. **Proposals must be received no later than September 8, 2017.** Prior to proposal submission, but not later than July 28, applicants should submit a one-page letter of intent summarizing the basic technical emphasis of their application, principle investigators and collaborators, VA and university affiliation

(see Email address noted below). This letter will be used only to organize the proposal review process and need not be signed by a facility Director. Submitting this letter does not commit a prospective applicant to submit a proposal.

- a) **Proposal Submission.** An unbound original and an electronic copy of each application are to be submitted:

Peter D. Mills Ph.D.
Attn: Patient Safety Centers of Inquiry
VAMC (10E2E)
215 North Main Street
White River Junction, VT 05009
(Telephone number: (802) 291-6285)
(Email: Peter.Mills@va.gov)

- 8) **PROPOSAL REVIEW PROCESS:** A committee of experts in patient safety and/or quality improvement will review the proposals. After the review period, a statement summarizing the review of their proposal will be provided to each applicant and submitting Network. Review criteria will emphasize:

- a) Technical merit of the goals, objectives, plan, and relevance to NCPS priorities for PSCIs, as described above in Paragraph 4 of this solicitation. Authors should be sure to demonstrate current knowledge of the state of scientific and technical knowledge in their selected topic through citation of relevant research findings. (40%)
- b) Feasibility of implementation of the proposed work of the PSCI throughout VHA facilities. This factor may include an assessment of the prior work, productivity, and qualifications of the proposed key personnel. (30%)
- c) Administrative management plan. This will take into account the appropriateness of proposed administrative infrastructure; organizational and advisory support; and the plans and schedule for attaining, evaluating, and documenting the achievement of the PSCI's goals and objectives. (10%)
- d) Value to the VHA as part of a PSCI portfolio, as defined by (a), (b), and (c) above and the proposed annual and/or total cost of the proposed PSCI. (20%)
- e) It is important to note that in order to reduce the possibility of conflict; we select most of our reviewers from outside the VA system, so references to internal VA programs and mechanisms should be clearly explained.

Note: The process will be managed by the Director of the Field Office, National Center for Patient Safety. Questions may be addressed to Dr. Peter Mills, Director, Field Office, National Center for Patient Safety, by e-mail or at (802) 295-9363 ext. 6567.

There will be calls on June 21st at 2:00 PM EST and August 16th at 2:00 PM EST to answer any questions. Number: 800-767-1750 Access Code: 28203.