

Lead Poisoning Prevention Quality Improvement Project Application

The Salt Lake County Health Department (SLCoHD) works with pediatricians, family practice, and OBGYN clinics to improve patient care and clinical practices to screen, detect, report, and manage elevated blood lead levels in pregnant women, children 0-72 months of age, and refugees. The overall goal of this funding opportunity is to increase the number of blood lead level tests for children at risk, refugees, and expectant mothers. **This funding opportunity is from October 1, 2021 through September 30, 2022. Reimbursement will be provided upon full implementation of the project plan, due no later than, August 15, 2022 and submission of outcome evaluation, due no later than, September 30, 2022.** Please read the following application funding guidelines and requirements for more details.

Funding Guidelines

- All clinics that offer services to children 72 months of age and younger, refugees, or pregnant women in Salt Lake County are eligible to apply.
- Priority areas for the Lead Poisoning Prevention program are Rose Park, Fairpark, Poplar Grove, Glendale, Copperton, Salt Lake City, South Salt Lake City, Millcreek, West Valley, Taylorsville, and Emigration Canyon.
- Clinic can apply for a **maximum of \$2,000**.
- Clinic **CANNOT** choose activities that are already implemented in the clinic.
- Applications will be accepted on a first come, first served basis until funds are exhausted.
- Once submitted, the application will only be approved after a staff member from the Lead Prevention team meets with the clinic to finalize project activities.
- Clinic must fully implement the projects by August 15th to receive reimbursement.
- Funding **CAN** pay for the time spent on planning, implementing, disseminating, and evaluating the projects.
- Funding **CANNOT** pay for research, equipment, incentives, or direct services such as patient care, co-pay fees, medication, or individual patient education.

Funding Requirements

- Submit a timeline of project planning, implementation, and evaluation within 30 days of application approval.
 - Project baseline data within 30 days of approved application
 - Project planning within 30 days of approved application
 - Project implementation completed by August 15th
 - Project outcome evaluation completed by September 30th
- Conduct a staff meeting discussing chosen Lead QI activities that clinic will be focusing on.
- Submit required reporting documentation by August 15th. This includes dates of:
 - Trainings completed
 - Successes and barriers for process improvements
 - Copies of policies and workflows implemented
- Communicate regularly with assigned Lead Poisoning Prevention staff member including conducting a kick-off meeting, mid-point meeting, and wrap-up meeting.
- Be available for follow-up data requests for up to 5 years.
- Submit at least one success story of how project(s) has improved your clinic.

Clinic Information

Name of Clinic: _____

Clinic Address: _____

Applicant Name: _____

Applicant Job Title and Role in Application Projects: _____

Applicant Phone Number: _____

Applicant Email: _____

Names and Roles of Other Staff Who Will Be Involved:

Lead Safe Housing Referral Projects - (Required)

Policy

- ✓ Create and implement a policy to screen and refer patients to the free [SLCo Lead Safe Housing](#) remediation program based on program eligibility criteria.

Process Improvements

- ✓ Create a workflow to screen and refer eligible patients to the free [SLCo Lead Safe Housing](#) remediation program based on program eligibility criteria.

Staff Training

- ✓ Host a training for all staff on the SLCo Lead Safe Housing referral program (presented by SLCo Lead Safe Housing program).
- ✓ Have all staff members responsible for lead screening, testing, treatment, or referral watch the Salt Lake County Lead Poisoning Home Education Visiting Program video.

Lead Testing Quality Improvement Projects - \$1500

Required:

- ✓ Designate an “Elevated Blood Lead Level Identification Champion” in your clinic.
- ✓ Evaluation – Provide a baseline and outcome report of the number of patients tested.
- ✓ Submit at least one success story of how project(s) has improved your clinic.

Staff Training: (choose 1)

- Host a “Lead 101” staff training for all clinical staff (presented by Utah Lead Coalition Chair, Claudia Fruin, MD)
- Have the Elevated Blood Lead Identification Champion complete the following CDC Lead education webinar (approximately 1 hour total) and disseminate information to staff:
 - [Pediatric Lead Exposure: Diagnosis, Management and Prevention](#)

Policies:

- ✓ Create and implement a **policy** that ensures the:
 - Screening for elevated blood lead levels
 - Testing on all children who screen positive on the [lead risk questionnaire](#)
 - Adoption and utilization of the [Utah Lead Testing and Treatment guidelines](#)
- ✓ Create and implement a **policy** for new hire and annual staff trainings on lead screening and testing procedures.
- ✓ Create and implement a **policy** to provide an after-visit summary to all patients with an elevated blood lead level, including recommendations and education for lead exposure.

Process Improvements:

- ✓ Create a **workflow** process to implement a screening procedure using the [lead risk questionnaire](#) to identify those at high risk for elevated blood lead levels.
- ✓ Create a **workflow** process to implement blood lead testing on all children who screen positive on the [lead risk questionnaire](#).
- ✓ Create a **workflow** process to incorporate the [Utah Lead Testing and Treatment guidelines](#).
- ✓ Create a **workflow** process to provide educational materials, through a patient portal or handout on lead exposure sources, prevention, and recommendations.

Point of Care Testing Projects - \$500

Required:

- ✓ Evaluation – Provide a baseline and outcome report of the number of patients tested.

Staff Training

- ✓ Conduct an annual staff training on the proper use and maintenance of the point of care testing machine.

Policy

- ✓ Create a **policy** to ensure the training of staff on the point of care testing machine at new hire and annually thereafter.
- ✓ Create and implement a **policy** to establish the reporting of all point of care blood lead tests to the Utah Department of Health.

Process Improvement

- ✓ Create a **workflow** and conduct routine maintenance and/or calibration of the point of care testing machine on an annual basis.

Create Your Own - \$1500

- ✓ This project selection is intended to be used by clinics who have completed the above-mentioned foundational projects but would like to refine their blood lead testing procedure. You will meet with the SLCoHD staff to craft your own blood lead testing quality improvement project and outline the required documentation.

By signing below, the clinic agrees to complete the applicable activities for their clinic and submit the required documentation to leadprevention@slco.org by August 15, 2022. The clinic agrees to submit a supplier vendor form, if one is not already on file, to receive payment contingent upon ongoing federal government funding for this program. The clinic agrees to contact SLCoHD staff by July 30, 2022, if the clinic will not be able to complete the chosen activities by the deadline.

Clinic Rep Signature: _____ Date: _____

SLCoHD Rep Approval Signature: _____ Date: _____