

**FY 02 Healthy Homes Demonstration and Lead Studies Technical Grantees**

**Phoenix Science & Technology, Inc.**  
**27 Industrial Avenue**  
**Chelmsford, MA 01824**  
**Amount of Award: \$397,118**  
**Contact: Dr. Raymond Schaefer**  
**(978) 367-0232 ext. 124**

**Chelmsford, Massachusetts**

Phoenix Science & Technology, Inc. (PS&T) partners (Radiation Monitoring Devices, Inc., QuanTech, Inc., and NOVA OptoElectronics) will continue development of broad area and hand-held pulsed lamp paint removal systems, using this grant to develop a hand-held paint stripper. PS&T will use this grant to build the hand-held system; demonstrate hand-held lead paint stripping efficacy for different colored paints and surface geometries in the lab; perform lab tests quantifying airborne lead and light emissions to ensure operator safety; demonstrate in the field the efficacy of the hand-held unit in a real setting; develop a methodology for training the existing labor force; and demonstrate the cost effectiveness of the hand-held system. The use of light to remove lead based paint minimizes the waste volume, which will reduce hazardous waste costs and exposure issues.

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**University of Massachusetts Lowell**  
**Research Foundation**  
**600 Suffolk Street – 2<sup>nd</sup> Fl. South**  
**Lowell, MA 01854**  
**Amount of Award: \$164,748**  
**Contact: Linda Silka**  
**(978) 934-4247**

**Lowell, Massachusetts**

The University of Massachusetts Lowell's Center for Family, Work, and Community will partner with the City of Lowell Health Department and Division of Planning and Development to improve training, cultural cross-training and cross-referrals and educational outreach among community- and faith-based organizations that visit homes in Lowell. The project will develop culturally appropriate home assessments and educational tools for a target population that has a minority population of 34%, and 37% are living below the median family income for Lowell.

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