

FY 02 Healthy Homes Demonstration and Lead Studies Technical Grantees

**University of Medicine and Dentistry
of New Jersey School of Public Health
170 Frelinghuysen Road, Room 236C
Piscataway, NJ 08854
Amount of Award: \$238,967
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Piscataway, New Jersey

In this study, the Environmental & Occupational Health Sciences Institute (EOHSI) of the University of Medicine and Dentistry of New Jersey, School of Public Health, will test dry steam cleaning in conjunction with vacuuming as a method of reducing the levels of dust mite allergens, lead, and pesticides in carpets. Researchers will study approximately 50 homes with at least one room with wall-to-wall carpeting and a child with an elevated blood lead level. Each recruited home will be tested with two interventions: dry steam cleaning with regular vacuuming, and regular vacuuming only. Two different types of sampling methods will be used to collect dust samples from the carpets before and after cleaning to assess the effectiveness of the cleaning interventions.
