



EnviRN-Evidence: Enhancing Nurses' Capacity to Search for Environmental Health Evidence

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Perc



Lead Poisoning



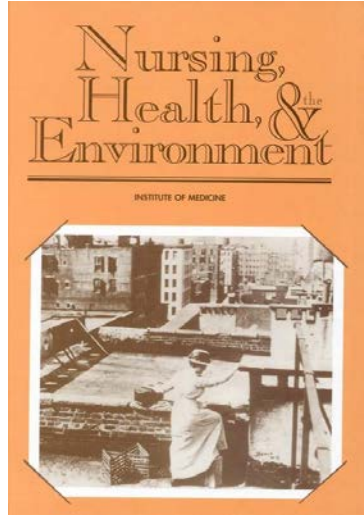
Asthma

Fracking





Nurses and environmental health: background



INSTITUTE OF MEDICINE
OF THE NATIONAL ACADEMIES



Environmental health & nursing education

Isolated in one or two courses-- most commonly community public health

Not incorporated throughout the curriculum-- assessment, evidence based practice, etc

Missing altogether from many graduate programs





EviRN-Evidence: Topics

Lead poisoning: Over 30 million U.S. homes with lead based paint

Fracking: Over 15 million Americans live within one mile of a frack site

Perchloroethylene: Over 30,000 dry cleaning establishments in the United States

Occupational adult onset asthma in nurses: nurses are the second largest category of employees who are diagnosed with adult-onset asthma



Databases Covered

TOXNET Overview

Household Products

TOXLINE

DART

Haz-Map

LactMed

Hazardous Substances Data Bank

Tox Town

Medline Plus

PubMed





Mapping topics to databases

Lead: Household Products, DART, Tox Town/MedlinePlus

Fracking: Haz-Map, Tox Town, HSDB

Perchloroethylene: TOXNET intro, TOXLINE, Haz-Map

Occupational Asthma: LactMed, Haz-Map, PubMed



EnviRN-Evidence: Technology and Process

Captivate

Topic lectures: Powerpoint with voiceover

Database instruction: Screencasts created with ScreenFlow

Audit for accessibility

Beta Testing

Promotion



Challenges and Opportunities

Challenges & Opportunities

First grant application/Support from PSR, increased visibility for the library

Project management, supervising, managing a budget/Support from USF's Office of Contracts & Grants, professional growth

References

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