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

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Funded by the NN/LM Express Outreach Award
Nurses and environmental health: background
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

**Perchlorethylene**: 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
<table>
<thead>
<tr>
<th>Databases Covered</th>
<th>Hazardous Substances Data Bank</th>
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<tbody>
<tr>
<td>TOXNET Overview</td>
<td>Tox Town</td>
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<td>Household Products</td>
<td>Medline Plus</td>
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<td>TOXLINE</td>
<td>PubMed</td>
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<td>DART</td>
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<td>Haz-Map</td>
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<td>LactMed</td>
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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


