


Presenter Disclosures
Marcella Remer Thompson

(1) The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 months:

No Relationships to Disclose

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Building Academic-Community Partnerships through an Effective State Agency Liaison Process

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State Agency Liaison
Superfund Research Program
Brown University

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Brown's Superfund Research Program (SRP)


<u>Research Projects</u>	<u>Core Teams</u>
<ul style="list-style-type: none">• Biomedical<ul style="list-style-type: none">- reproductive toxicants- carcinogens- nanotoxicology- molecular pathology• Engineering<ul style="list-style-type: none">- vapor intrusion- nanotechnology- analytics	<ul style="list-style-type: none">• Research Translation (RTC)<ul style="list-style-type: none">- state agency liaison• Community Engagement (CEC)<ul style="list-style-type: none">- state agency liaison• Education<ul style="list-style-type: none">- undergraduate- graduate- post-doctoral

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Research and Scientific Knowledge

- Research
 - inform decisions and priorities
 - assess problems
 - develop programs and policies
 - facilitate implementation
 - measure outcomes
- Usable
 - adequacy
 - value
 - legitimacy
 - meaningful timescale
- Scientific Knowledge
 - synthesized, exchanged, applied
 - within specific constructs


(Brownson & Jones, 2009) (Haas, 2011; Greenhalgh & Wieringa, 2011)




State Agency Liaisons Are Knowledge Brokers

- Role is Contextual
 - establish relationships
 - long-term
 - bi-directional
 - mutually beneficial
 - built on trust and mutual respect for diversity of thought and organizational culture
- Process is Dynamic
 - time
 - patience
 - adequate and regular personal interaction
 - mutual learning
 - collaborative agenda address important issues identified


(Suarez-Balcazar et al. 2005; Kropp & Wagner, 2010)



State Agency Liaisons Are Knowledge Brokers



(Suarez-Balcazar et al. 2005; Kropp & Wagner, 2010)



State Agency Liaison

Identifies Stakeholders' Needs
Communicates Research Results

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Translate Research to Professional Practice

- Organize Symposia on Technical and Timely Information
- Build Capacity through Educating State Agency Staff
- Educate Members of Non-Governmental Professional Organizations

- Special Research Projects

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Organize Symposia on Technical and Timely Information

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Build Capacity through Educating State Agency Staff



Core Competencies for Public Health Accreditation

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Educate Members of Non-Governmental Professional Organizations



Organize Symposia at National Scientific Research Meetings
Addressing the Complex Site: Low Level and Complex Mixtures
Nanotechnology Toxicology, Fate, Transport and Remediation




RI Bar Association and Real Estate Developers Association
Law and Science: Environmental Health and Chemical Exposure
Contaminated Property Transactions

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State Agency Liaison

Community Engagement
Engage – Educate - Empower

- Blackstone River Watershed Council
- Environmental Justice League of Rhode Island
- Narragansett Tribe
- Rhode Island Indian Council
- Urban Pond Procession
- Woonasquatucket River Watershed Council

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Educate



Community Environmental College



Urban Pond Procession

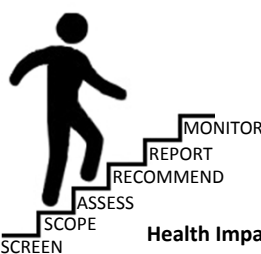


Science Cafe




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Build Capacity






MONITOR
REPORT
RECOMMEND
ASSESS
SCOPE
SCREEN



Core Competencies
for
Public Health Accreditation

Health Impact Assessment (HIA)

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Develop Partnerships with Legislators and Regulators

Increase Awareness of Program-Related Research



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Special Research Projects

- Mercury Contamination: Review of a Residential Response
- Lead Contamination of Residential Properties Adjacent to Municipal Water Towers in RI



(Thompson, 2012)

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Facilitate Stakeholder Involvement

Involvement in the Decision-Making Process and Policy Formulation



Environmentally Compromised Home Opportunity Program
School Siting Restrictions
Producer Responsibility Regulations

(Shinn, 2002)

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Knowledge Brokering the Knowledge Broker

- Two Feet, Two Worlds
- Many Hands, Many Hats
 - Invisibility
 - Interstitiality

(Shinn, 2002)

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WIN-WIN-WIN

Rhode Island Citizens

Rhode Island Communities

Rhode Island Environment



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 - Robert Vanderslice, PhD
 - Terry Gray, PE

Agree/Und Research Program

WE ARE

Biomedical Research
 Identifying and addressing environmental health risks to the population of the state and other vulnerable populations to environmental hazards.
 Identifying and addressing environmental health risks to the population of the state and other vulnerable populations to environmental hazards.
 Identifying and addressing environmental health risks to the population of the state and other vulnerable populations to environmental hazards.

Engineering Research
 Applying new engineering technologies to assess and clean up hazardous waste.
 Applying new engineering technologies to assess and clean up hazardous waste.
 Applying new engineering technologies to assess and clean up hazardous waste.

Research Translation & Community Engagement
 Identifying and addressing environmental health risks to the population of the state and other vulnerable populations to environmental hazards.
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Impact

We have received 2008-2009 funding from the National Institute of Environmental Health Sciences (NIEHS) for the National Institute of Environmental Health Sciences (NIEHS) Research Program in a win-win-win for Rhode Island citizens, Rhode Island communities and the Rhode Island environment.



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