

How Pediatric Environmental Health fellowship training changed my life...

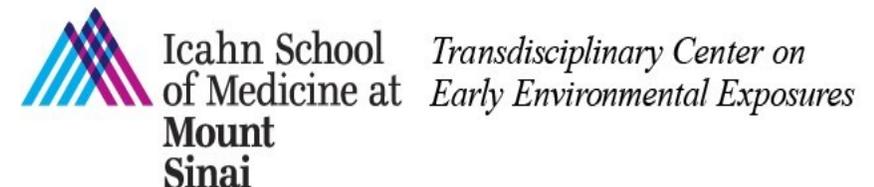
Maida P. Galvez, MD, MPH

Associate Professor, Environmental Medicine and Public Health and Pediatrics

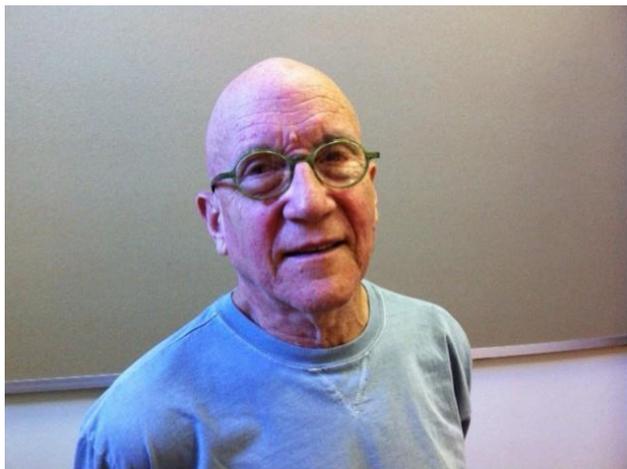
Region 2 PEHSU Director (NJ, NY, PR and USVI)

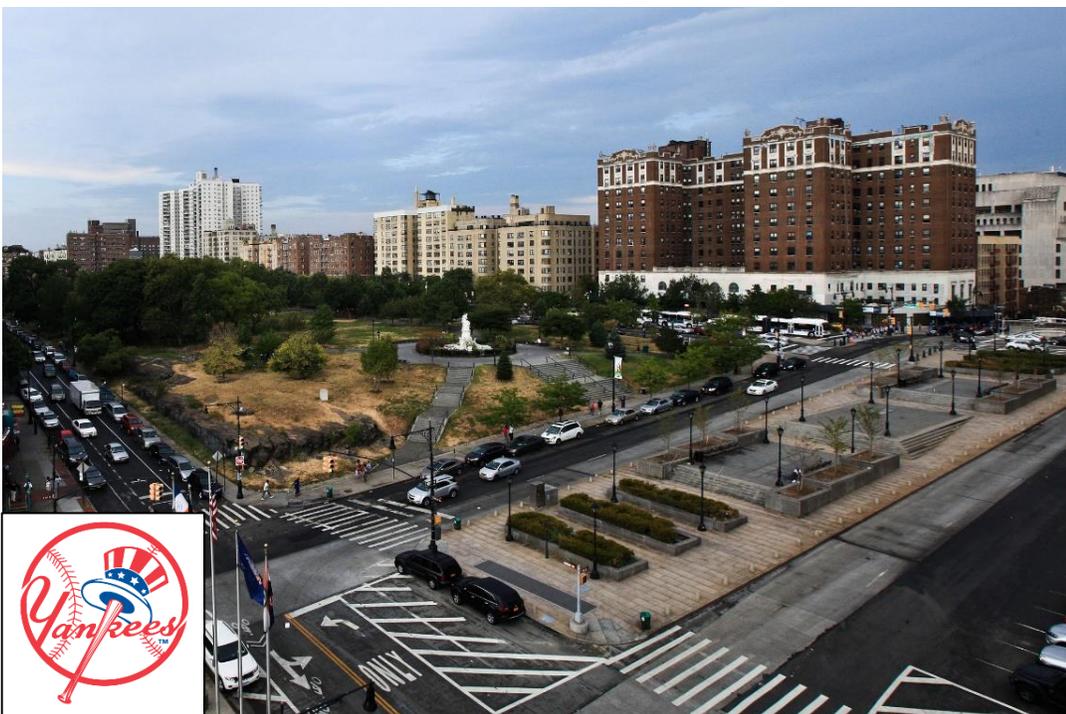
NYS Children's Environmental Health Center Director

NIH CTSA and NIEHS P30 Community Engagement Core Co-Director



Place Based Learning





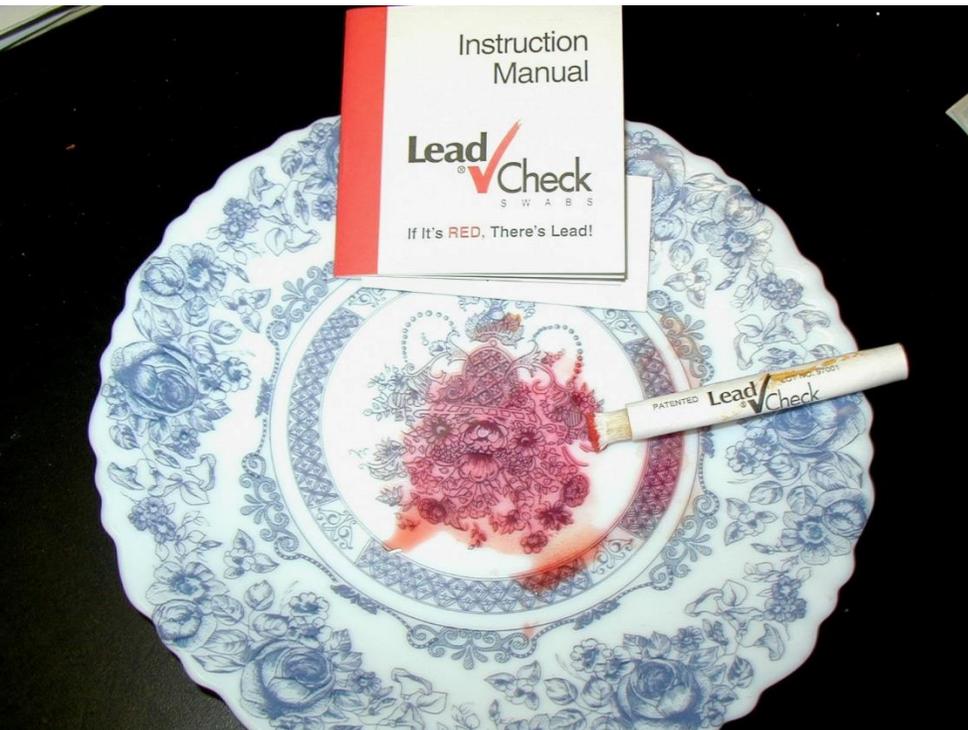






PEHSU
Pediatric Environmental
Health Specialty Units

Centers for environmental health and child development



MMWR

July 9, 2004 / 53(26);584-586



City Health Information

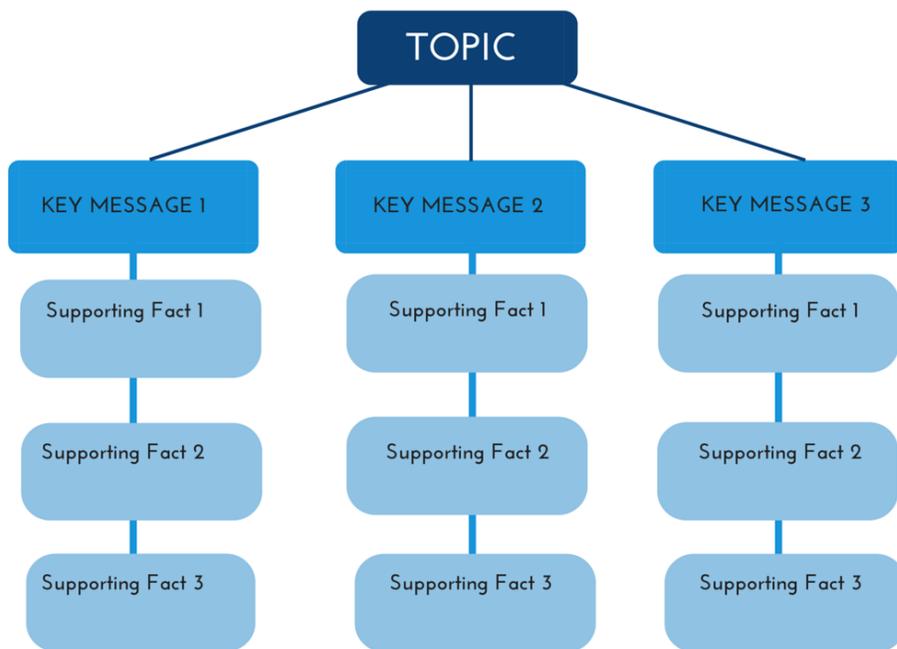
July 2009

The New York City Department of Health and Mental Hygiene

Vol. 28(4):29-40

CLINICAL GUIDELINES FOR CHILDREN AND ADOLESCENTS EXPOSED TO THE WORLD TRADE CENTER DISASTER

- More than 7 years after the WTC attacks on 9/11, some children and adolescents may still be experiencing physical or mental health effects associated with the disaster.



Monster mold threatens health

Strain poses serious risk in New Orleans homes.

NEW ORLEANS Wearing goggles, gloves, galoshes and a mask, Veronica Randazzo lasted only 10 minutes inside her home in St. Bernard Parish. Her eyes burned, her mouth filled with a salty taste and she felt nauseous.

Her 26-year-old daughter, Alicia, also covered in gear, came out coughing.

"That mold," she said. "It smells like death."

Mold now forms an interior version of kudzu in the soggy South, posing health dangers that will make many homes tear-downs and will force schools and hospi-

DAMAGE

Standing water from Hurricane Katrina allowed mold to penetrate especially deep into homes.

tals to do expensive repairs.

It's a problem that any homeowner who has ever had a flooded basement or a leaky roof has faced. But the magnitude of this problem leaves many storm victims prey to unscrupulous or incompetent remediators. Home test kits for mold, for example, are worthless, experts say.

Mold can't be eliminated but can be controlled by lim-



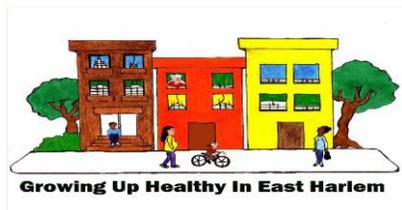
DORRY CARONNA, 10, carries her sister Lizzy, 2, over the mud-covered floor as the girls visit their home in New Orleans yesterday. The home was flooded nearly a month ago.

iting moisture, which is exactly what couldn't be done after Hurricane Katrina. Standing water created ideal growth conditions and

allowed mold to penetrate so deep that experts fear that even studs of many homes are saturated and unsalvageable.

CHARLIE RIEGEL/AP

AP



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In this **REPORT**, you will find information about:

- ◆ Why the Study continues to be important
- ◆ Study Results: What we have learned so far
- ◆ What we have done and are doing with this information
- ◆ What can we do next



“Thank you for sticking with us over all these years! It’s been so great getting to know you and I look forward to seeing you all become strong, talented and healthy young women.”

Jessica Montana, Growing Up Healthy Research Coordinator



Lessons Learned

- Evidence Based Health Messaging
- Disaster Response
- Clinical Environmental Pediatrics
- Community Based Participatory Research
- Team Science
- Value of Community Partnerships
- Vast Mentor and Support Network

Team Science



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Phenotyping and Stress Assessment
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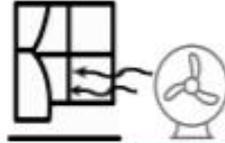
Director, MFA Interior Design Program,
Parsons School of Design





Simple Steps to a Healthy Home Environment

1 Ventilate



2 Wash hands with plain,
fragrance-free soap and
water



3 Support companies that reduce the use of
toxic chemicals and disclose all ingredients



4 Shop smart;
Read labels

5 Leave your shoes at the door



6 HEPA vacuum
and wet mop



7 Make your own
cleaners
Use white vinegar,
baking soda, and lemons



**Don't use
unnecessary
products**



**Don't
smoke**

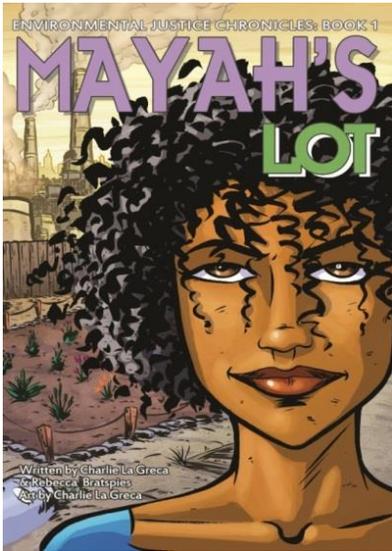


**Don't use
aerosolized sprays
and fragrance**



**Don't use
3, 6 and 7
plastics**





ONN
Idling Reporter Form

What kind of vehicle?
 Car
 Truck
 Bus
 Other

Where are you?
 latitude (x,y °)

 longitude (x,y °)

 altitude (m)

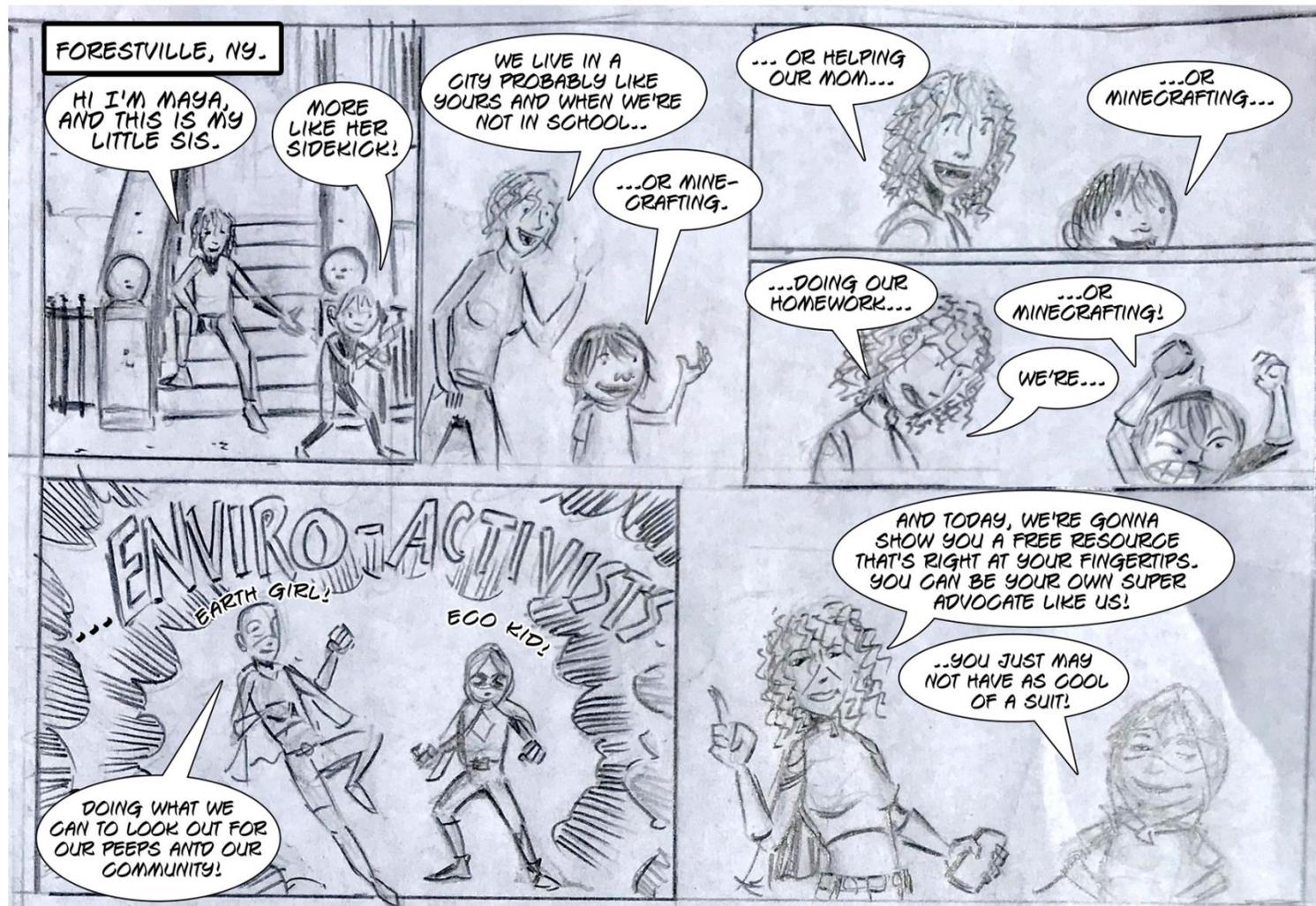
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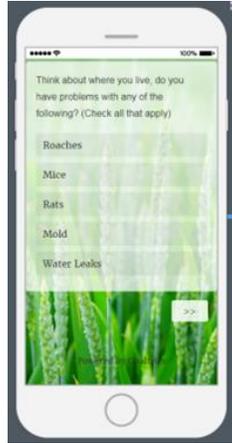
What time is it?

Add a picture!

search for place or address

Map data © OpenStreetMap contributors

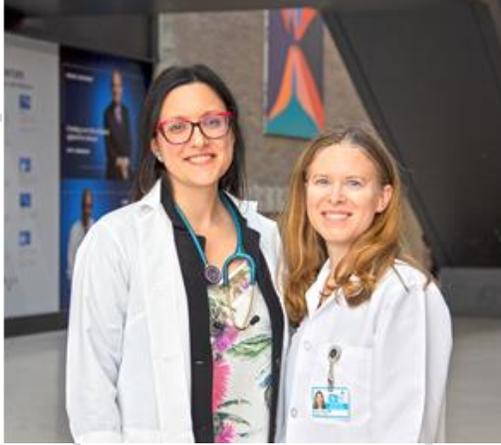




AIR
nyc



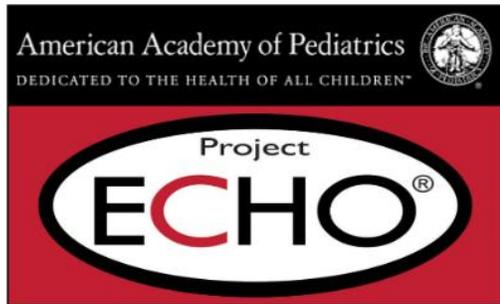
NYC
Health



Pediatric Environmental Health Specialty Unit
Region 2: NJ | NY | PR | USVI



NYS
Children's
Environmental
Health Centers
NYSHECK.ORG





Mold

Did you know?

*Mold can trigger asthma and allergy symptoms.
Mold depends on moisture to grow.
Take steps to prevent mold and have a healthier home!*

Action Plan

- Reduce moisture and increase ventilation (air flow):
Open windows slightly when showering, use exhaust fans.
- Fix water leaks: report water leaks to your landlord.
- If you see mold:
 - Eliminate the source of moisture/water first.
 - Scrub mold from hard surfaces with soap and water. Dry completely. Avoid using bleach (unless you are cleaning sewage).
 - Do not paint over mold.
 - Discard moldy objects (like carpets).

[more](#) →



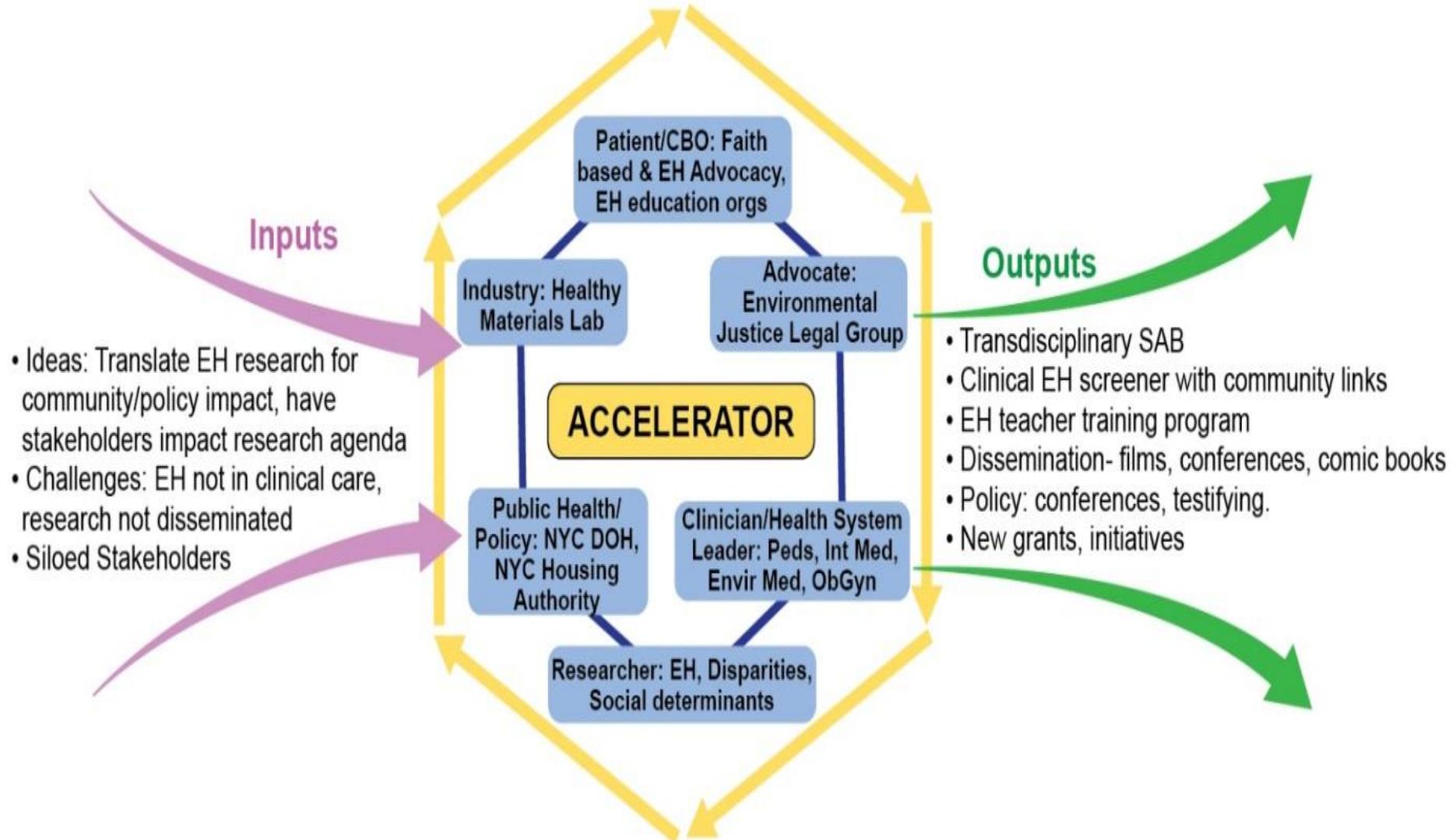
[AJPH METHODS](#)

Building New York State Centers of Excellence in Children's Environmental Health: A Replicable Model in a Time of Uncertainty



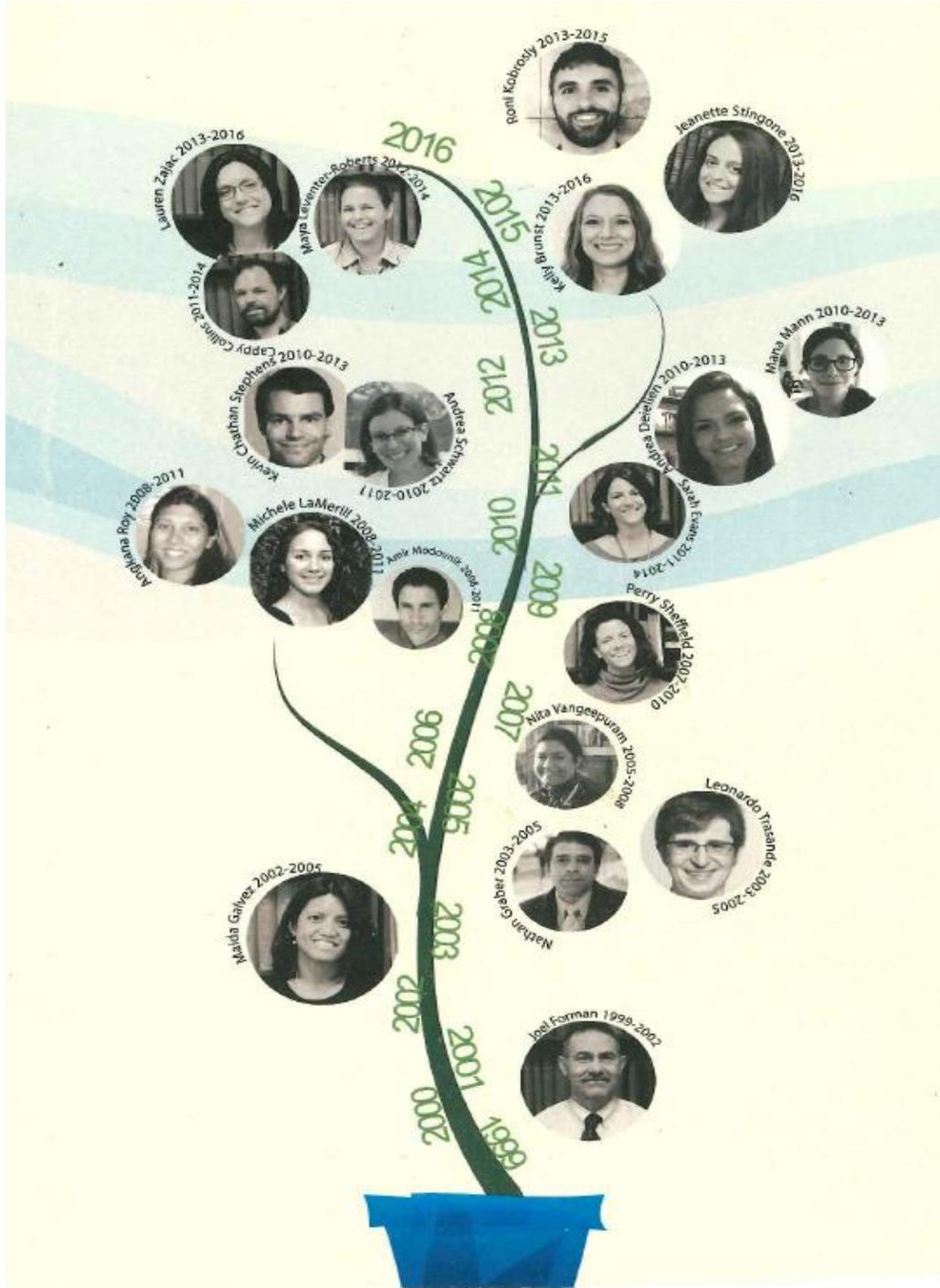
Icahn
School of
Medicine at
Mount
Sinai

Conduits
The Institutes for Translational Sciences



Environmental Health in All Policies

- Pipeline of future leaders in a variety of fields (diverse specialties and settings: academic, government, public health, community)
- Environmental Pediatrics Fellowship Program is a relatively small investment with lifelong impacts
- Power of Storytelling from Trusted Messengers
- Research to Action



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