

# Programs that Save Energy & Improve Health

**National Energy & Utility Affordability Coalition**

**2018 Annual Conference**

**June 26-28, 2018**

**Ronald Denson Jr.**

**Public Health Analyst, Health & Environment Program**

**American Council for an Energy-Efficient Economy**



The American Council for an Energy-Efficient Economy is a nonprofit 501(c)(3) founded in 1980. We act as a catalyst to advance energy efficiency policies, programs, technologies, investments, & behaviors.

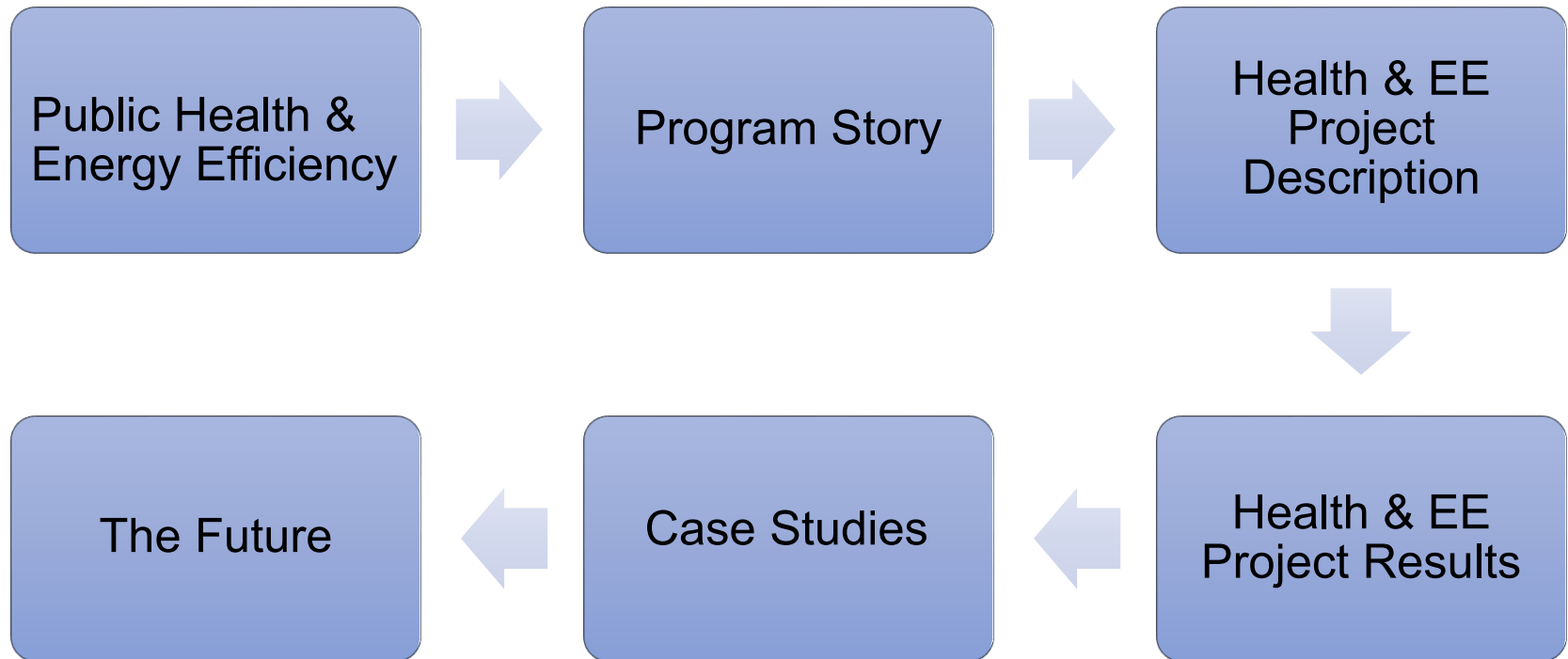
Our research explores economic impacts, financing options, behavior changes, program design, and utility planning, as well as US national, state, & local policy.

Our work is made possible by foundation funding, contracts, government grants, and conference revenue.

[aceee.org](http://aceee.org) @ACEEEdc

**ACEEE**  
American Council for an Energy-Efficient Economy

# Introduction/Agenda



# Public Health & Energy Efficiency?

“Money can’t buy happiness, but it *can* buy life expectancy.” --Vanessa Mason

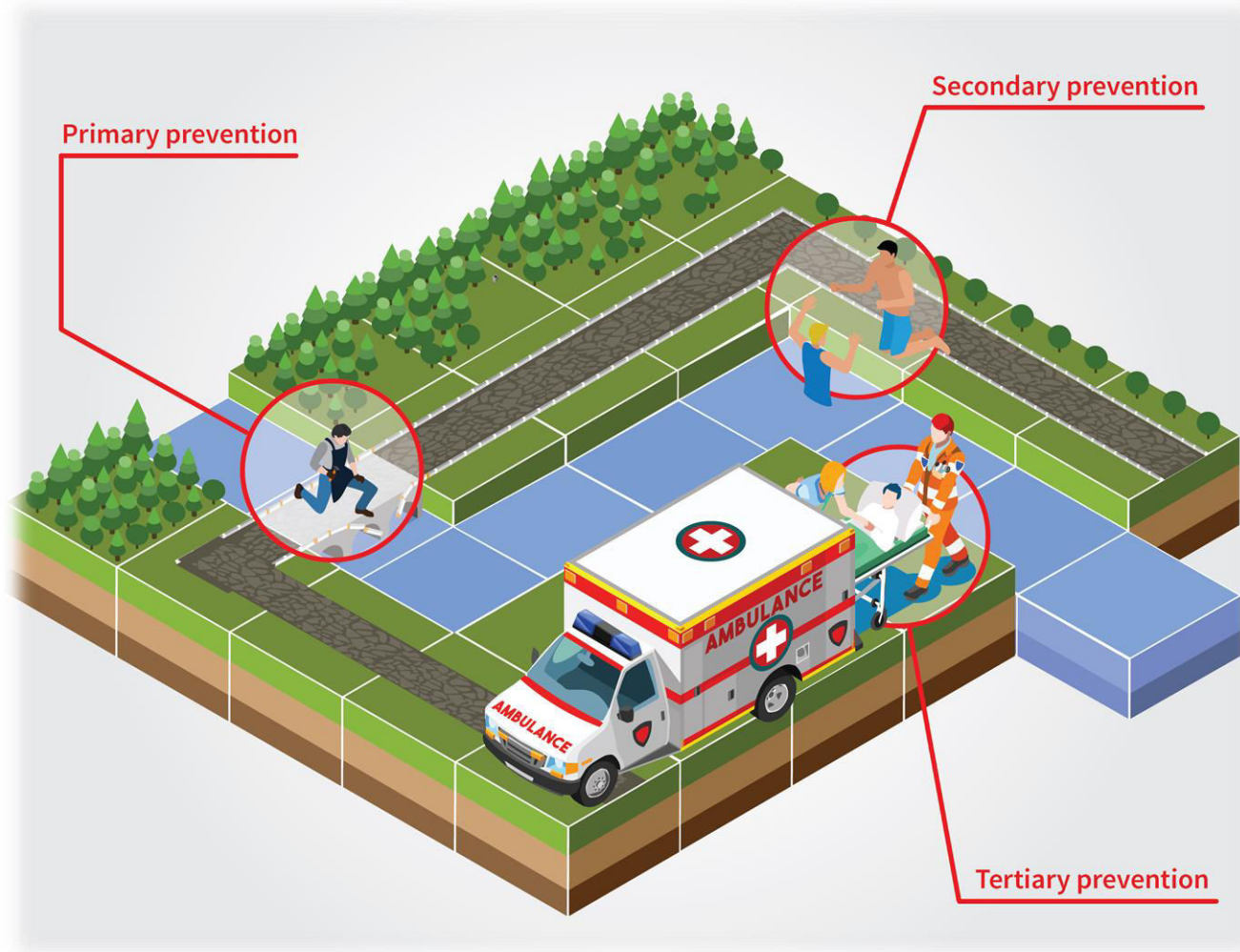






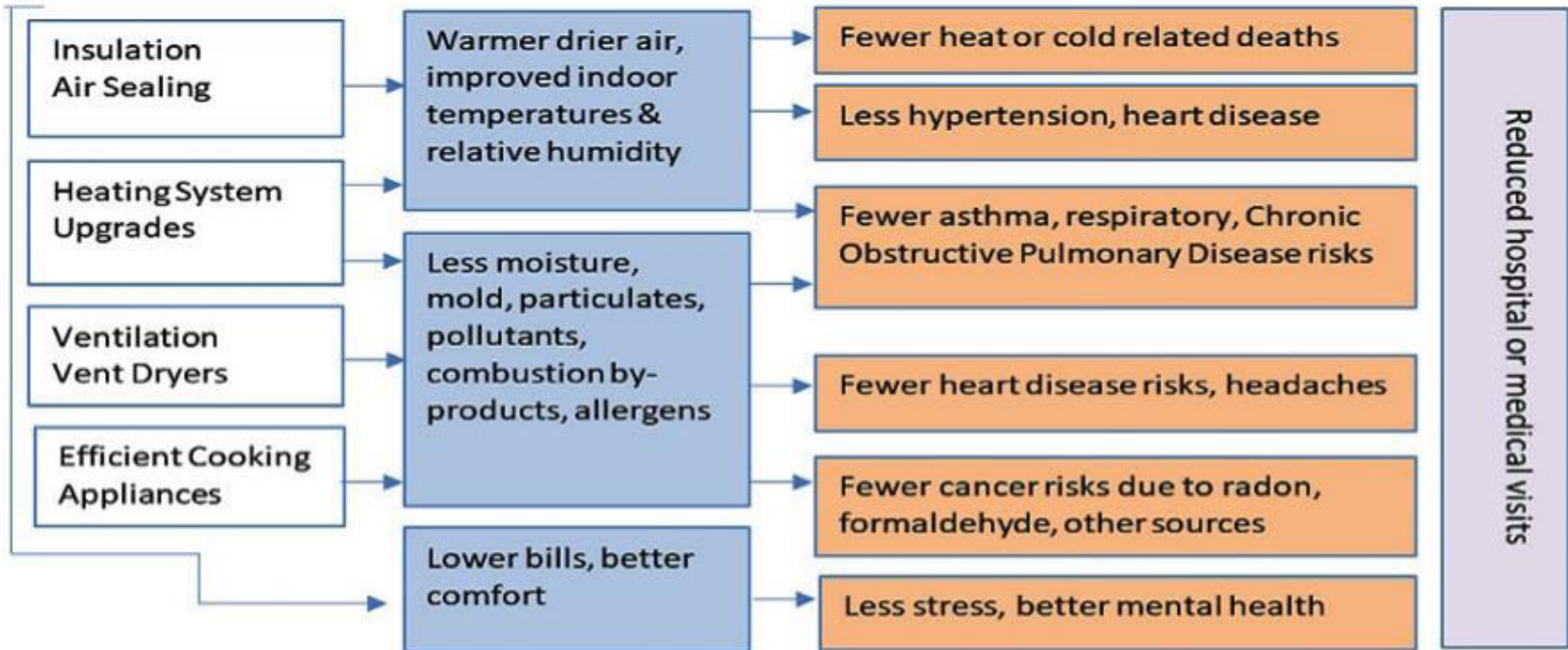


# Upstream vs Downstream





# Public Health & Energy Efficiency



# Story



## Baltimore Breathes Easier with Energy Retrofits

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Published on Jan 8, 2018

Energy efficiency's about more than just saving money on your energy bills. We went to Baltimore to learn about the impact efficiency upgrades can have on residents' health and comfort.

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Up next

AUTOPLAY

- Energy Retrofits Clear the Air in Pittsburgh**  
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- People who Save Energy: Efficiency Workers**  
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- West Virginia Homes Get Healthier with Weatherization**  
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- People Who Save Energy 1: Builders**  
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- WEBINAR: The Next Nexus Exemplary Programs That Save**  
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- Which Power Source Is Most Efficient?**  
Seeker  
589K views  
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- How to make healthy eating unbelievably easy | Luke**  
TEDx Talks  
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9:18
- Couple Builds Energy Efficient Passive Solar Home - Green**  
Exploring Alternatives  
427K views  
9:36
- Just a regular billionaire**  
CBS News  
458K views  
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- 





National Energy & Utility Affordability Coalition  
@neuaccoalition

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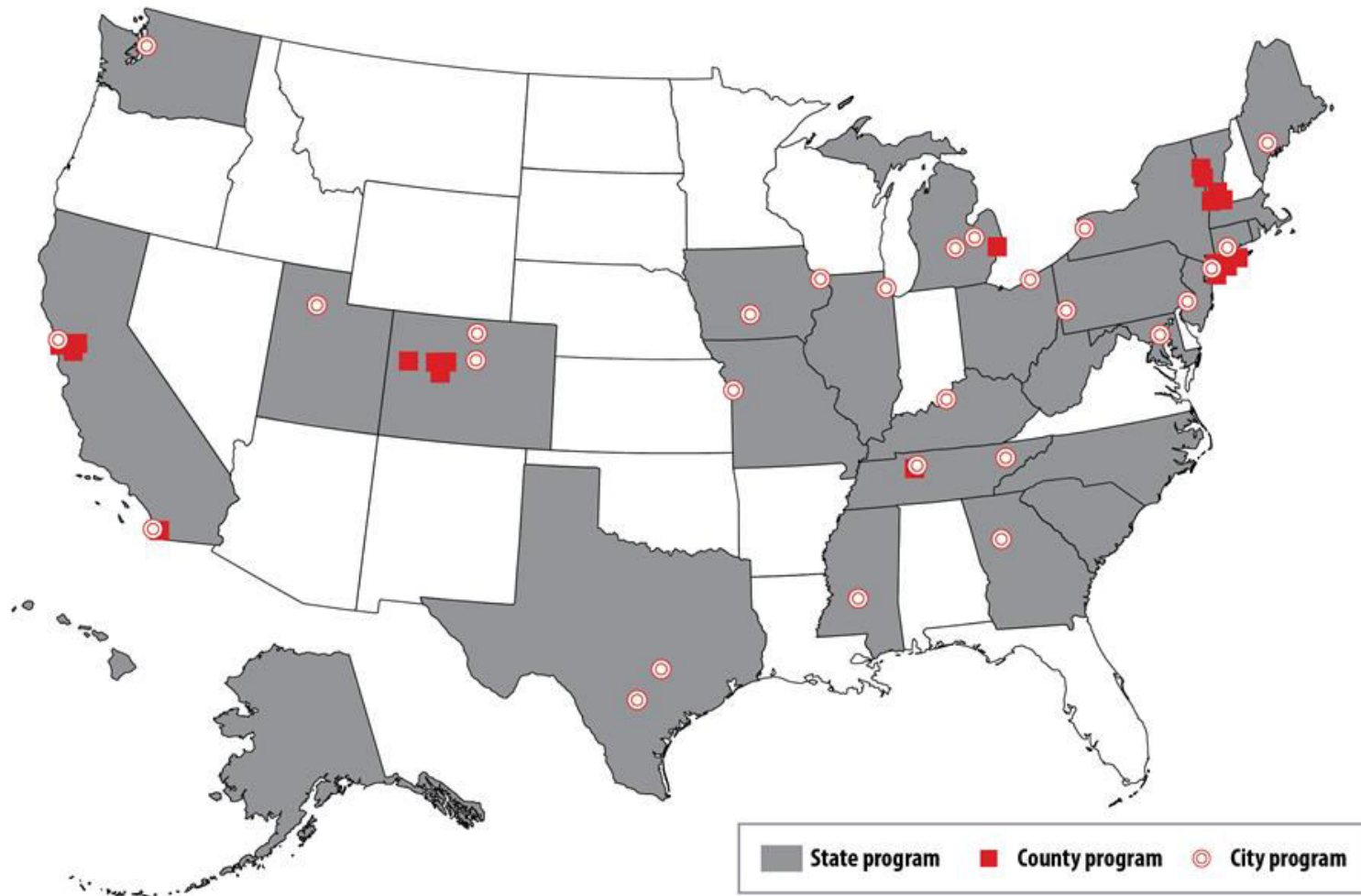
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# Exemplary Programs Project



# Locations



# Exemplary Programs Project

Reach

Replicability

Sustainability  
of Funding

Innovation

Health  
Outcomes

Energy  
Outcomes

Lasting  
Effects

# Key Takeaways



Residential



Audits/Assessments



Funding

# Key Takeaways



Collaborative Relationships  
“No Wrong Door”



Energy & Health Outcomes  
(EM&V)



# Common Offerings:

Energy audits

Home health assessments

Education coach

Financing or incentives

Weatherization (e.g., air sealing, weather stripping, insulation, repairing heating and cooling systems, etc.)

Structural Repairs

Provision of new equipment or appliances (e.g., carbon monoxide detectors, air filters, stoves)

# Exemplary Programs Project



## Zero Energy Modular (ZEM) Program

### Program Highlights

- Unique clientele and market
- Financial incentives
- Innovation

Efficiency  
Vermont



Zero Energy  
Modular (ZEM)  
for mobile home  
replacement

# Exemplary Programs Project



## Bronx Healthy Buildings Programs

### Program Highlights

- Extensive collaborative partnerships
- Relationship management
- Education programming

The  
**BUILD**  
**HEALTH**  
Challenge

# Exemplary Programs Project



## One Touch

### Program Highlights

- Personal energy and health coaching
- Comprehensive-braided services
- Adaptable model



**ONETOUCH**

# Program Challenges



# Possible Future Exploration...



Optimism Buffering...



## Resources & Upcoming Research

Exemplary programs report

<http://aceee.org/research-report/h1802>

Program Directory

<http://aceee.org/topics/health-environment/program-directory>

Saving Energy, Saving Lives

<https://aceee.org/research-report/h1801>

Health & environment video-blog series

<https://aceee.org/topics/health-environment>

Measuring and Verifying the Health Benefits of Energy Efficiency Programs

August 2018

## Upcoming ACEEE Conferences

Summer Study on Energy Efficiency in Buildings	August 12-17, 2018	Pacific Grove, CA
Behavior Energy and Climate Change Conference	October 7-10, 2018	Washington, DC
2018 Rural Energy Conference	October 22, 2018	Atlanta, GA
Conference on Energy Efficiency as a Resource	October 15-17, 2019	Minneapolis, MN

*The top convener in energy efficiency.*  
[aceee.org/conferences](http://aceee.org/conferences)







# 2018 Conference on Health, Environment, & Energy

Hyatt Centric French Quarter, New Orleans, LA  
December 3-5, 2018

<http://aceee.org/conferences/2018/chee>

Registration opens in July. Book your hotel room now!



# Questions?





# Thank You!

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