

## Professional Experience

**TOHN ENVIRONMENTAL STRATEGIES** Wayland, MA

**1992-Present**

Founder and Principal

*Nationally recognized innovator and thought leader, collaborating across health, housing and energy sectors to create impactful policies, programs, and practices.*

### Catalyst for Cross Sector Initiatives

- Developed strategic plan to enhance housing activities for a New England based children's hospital. Coordinated follow up programs aligning hospital, affordable housing funders, and energy activities.
- Spearheaded collaboration among NYC Health Department, LISC, and affordable housing owners to embrace green and healthy property management practices; program influenced city rehab policies.
- Developed groundbreaking [\*One Touch®: Creating Healthier and Energy Efficient Housing\*](#) initiative, reshaping delivery for energy, social service, and housing programs. Received national awards from HUD Healthy Homes Program and American Council for an Energy Efficient Economy (ACEEE).
- Provided strategic support to philanthropic effort to identify opportunities in infrastructure decisions to improve health equity.
- Convened coalition and prepared Health Impact Assessment of CT energy programs, informing state policy.
- Led strategic planning process unlocking 22 million dollars annually in Massachusetts's utility funds to support multifamily affordable housing energy efficiency program.

### National Green and Healthy Housing Leader and Program Innovator

- Created pioneering healthy housing initiative for nationally recognized Asthma Regional Council of New England. Secured HUD research funding; galvanized healthy housing policies across New England.
- Established multi-disciplinary asthma task force at Newport Rhode Island Housing Authority. Structured healthy housing upgrades and smoke free housing policy, reducing resident asthma symptoms.
- Developed groundbreaking health protocols for home energy retrofits for EPA, DOE, HUD, and state programs, bringing health front and center in energy efficiency initiatives.
- Created seminal healthy building standards for the Asthma Regional Council, resulting in state housing policies improving health conditions in 15,000 existing and 3,500 new homes built annually.
- Developed best in class green and healthy practices for leading property management companies, affecting over 150,000 affordable homes.
- Shaped national advocacy and technical studies influencing federal childhood lead poisoning regulations, working with National Center for Healthy Housing. Results impacted regulations in 50 states.

# Ellen R. Tohn

## Policy Driven Researcher

- Coordinated New England based efforts to leverage energy efficiency programs to deliver health results.
- Designed, secured funding (\$750K), and managed study evaluating home based asthma repairs; results shaped state housing finance policies in New England, affecting over 10,000 housing units.
- Managed research assessing the health benefits of energy retrofits, results shaped state and federal programs.
- Conducted injury prevention study to reduce home falls, leveraging energy workforce to deliver services.
- Coordinated lead poisoning prevention research shaping federal regulations and policies.

**BROWN SCHOOL OF PUBLIC HEALTH** Providence, RI **2017-**  
**Present** Assistant Professor of the Practice of Epidemiology

**JELLINECK, SCWARTZ & CONNOLLY, INC.** Washington, DC **1988-1992**  
Managed 15-person department. Responsible for professional development and performance evaluations.  
Developed environmental strategies for Fortune 500 companies.

**OFFICE OF POLICY ANALYSIS, US EPA** Washington, DC **1986-1988**  
Developed and implemented city-based comparative risk methodology and action plans.  
Managed lead poisoning prevention research.

**PROGRAM ON NEGOTIATION, HARVARD LAW SCHOOL** Cambridge, MA **1984**  
Evaluated use of negotiation in utility rate and real estate disputes.

## Education

**MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Masters of City Planning** **1986**  
*Concentration:* Environmental policy and dispute resolution.

**CORNELL UNIVERSITY, Bachelor of Arts** **1981**  
*Major:* Economics and Government. Dean's List. Andrew W. Mellon grant recipient.

## Board Experience

Building Performance Institute **2018 - Present**  
Cornell University Outdoor Education Advisory Board, Current Co-Chair **2003- Present**  
Wayland, MA Energy Initiatives Advisory Committee, Current Co-Chair **2011- Present**  
Northeast Integrated Pest Management Center Board **2013- 2018**  
Cornell University Alumni Advisory Board for Sustainability **2011- 2018**

# Ellen R. Tohn

## Selected Publications

- *Radon and Moisture Impacts from Interventions Integrated with Housing Energy Retrofits*, P. Francisco, S. Gloss, W. Rose, Y. Sun, S. Dixon, J. Breysse, **E. Tohn**, D. Tohn. *Indoor Air*, 2020.
- *Incorporating Injury Prevention into Energy Weatherization Programs*, Ellen Tohn, Jonathan Wilson, et al. *Journal of Public Health Management and Practice*, 2019.
- *Health and Home Upgrades*, Dave Jacobs, Jonathan Wilson, **Ellen Tohn**, *ASHRAE Journal*, February 2017.
- *Home Rx: The Health Benefits of Home Performance, A Review of the Current Literature*, The National Center for Healthy Housing, **Tohn Environmental Strategies**, US Department of Energy, 2016.
- *Occupant Health Benefits of Residential Energy Efficiency*, E4TheFuture, **Tohn Environmental Strategies**, The National Center for Healthy Housing and Three3, 2016.
- *Community Benefit: Impact on Climate Change and the Environment*, Julie Trocchio, **Ellen Tohn**, and Lauren Kleinman, *Health Progress*, Catholic Hospital Association, 2016.
- *Housing and Child Health*, Weitzman, Baten, Rosenthal, Hoshino, **Tohn**, et al, *Current Problems in Pediatric and Adolescent Health Care*, 2013.
- *Watts to Wellbeing: Does Residential Energy Conservation Improve Health?*, J.Wilson, **E. Tohn**, et al, *Energy Efficiency*, 2013.
- [\*Green and Healthy Property Management\*](#), **Ellen Tohn**, Local Initiatives Support Corporation, 2013.
- *Creating Healthy and Energy Efficient Housing: What Does the Research Tell Us?*, **E. Tohn**, Home Energy, 2012.
- *Healthy Homes Guidance Manual*, US Department of Housing and Urban Development, 2011.
- *Healthy Housing Opportunities During Weatherization Work: June 2010- February 2011*, The National Center for Healthy Housing; **Tohn Environmental Strategies**, National Renewable Energy Laboratory /DOE, 2011.
- *Healthy and Safe Homes: Research, Practice, and Policy*, K. Mack, **E. Tohn** et al, APHA, 2010.
- *Healthy Energy-Efficient Housing: Using a One-Touch Approach to Maximize Public Health, Energy, and Housing Programs and Policies*, Kate Kuholski, **Ellen Tohn**, et al, *Journal of Public Health Management Practice*, 2010.
- *Lawyers and Doctors Partnering for Healthy Housing*, M. Cherayil, D. Oliveira, M. Sandel, **E. Tohn**, *Clearinghouse Review*, Volume 35, Numbers 1-2, 2005.
- *The Effect of Lead Hazard Controls on Children's Blood Lead Concentrations: A Systematic Review*, Haynes, Lanphear, **Ellen R. Tohn**, et. al., *Environmental Health Perspectives*, 110:1, 2002.