



## **Replicating and Strengthening What Works: The Evidence Base for Small-House Nursing Homes, Empowered Staff, and Improved Resident Quality of Life**

The Green House Project is the leading “small house” model of high-quality residential long-term care in the United States. It’s also the most widely implemented and researched alternative to traditional hospital-like nursing homes, with comprehensive experience in physical design and construction; training of staff to achieve person-directed, tailored care for elders; provision of operational guidance; and ongoing support and data tracking. Since 2003, independent and internal research shows that the high-fidelity Green House Project model generates:

- Increased time spent on direct resident care relative to national staffing patterns
- Greater satisfaction for residents, families, and workers
- Substantially lower turnover among frontline aides
- Cost savings for Medicare and Medicaid
- Comparable ongoing operating costs as traditional nursing homes while still providing more robust direct care staffing as compared to traditional nursing homes

Below are selected links for examining the small-house model, including several articles on more general “culture change” research regarding shifts to person-centered care practices, championed by The Green House Project’s partners at the Pioneer Network; evidence on the difference that better-trained frontline staff can make; the evidence on potential replicable cost savings associated with the small-house model; and research articles demonstrating improved resident, family, and care provider satisfaction and experience.

### **Overall Research Summaries**

[Evaluating the Green House Model](#), The Green House Project.

[Evidence Regarding the Green House Model of Nursing Home Care](#), The Green House Project.

[The Green House Difference](#), The Green House Project.

Sabatino, C. and Harrington, C. [Policy Change to Put the Home Back Into Nursing Homes](#). American Bar Association. 2021.

Waters, R. [The Big Idea Behind a New Model of Small Nursing Homes](#). Health Affairs. 2021.

### **COVID-19**

Brown, K.A. et al. [Association Between Nursing Home Crowding and COVID-19 Infection and Mortality in Ontario, Canada](#). JAMA Internal Medicine. 2021.



Zimmerman S., Dumond-Stryker C., Tandan M., Preisser J.S., Wretman C.J., Howell A., Ryan S. [Nontraditional Small House Nursing Homes Have Fewer COVID-19 Cases and Deaths](#). Journal of the American Medical Directors Association. 2021.

### **Culture Change**

Chisholm, L. et al. [Culture Change in Nursing Homes: What Is the Role of Nursing Home Resources?](#) INQUIRY: The Journal of Health Care Organization, Provision, and Financing. 2018.

Duan, et. al. [The Effects of Nursing Home Culture Change on Resident Quality of Life in U.S. Nursing Homes: An Integrative Review](#). Research in Gerontological Nursing. 2020.

Hermer, et al. [Does Comprehensive Culture Change Adoption via the Household Model Enhance Nursing Home Residents' Psychosocial Well-being?](#) Innovation in Aging. 2017.

Lima, et al. [The Changing Adoption of Culture Change Practices in U.S. Nursing Homes](#). Innovation in Aging. 2020.

Miller, et al. [The Prevalence of Culture Change Practice in US Nursing Homes](#). Medical Care. 2018.

### **Medicare and Medicaid Spending**

[Cost Savings Research Summary](#), The Green House Project.

Grabowski D.C., Afendulis C.C., Caudry D.J., O'Malley A.J., Kemper P.; THRIVE Research Collaborative. [The Impact of Green House Adoption on Medicare Spending and Utilization](#). Health Services Research. 2016.

### **Resident, Family, and Caregiver Satisfaction**

Berridge, C. et al. [Leadership, Staff Empowerment, and the Retention of Nursing Assistants: Findings from a Survey of U.S. Nursing Homes](#). Journal of the American Medical Directors Association. 2020.

Berridge, C. et al. [Staff Empowerment Practices and CNA Retention: Findings From a Nationally Representative Nursing Home Culture Change Survey](#). Journal of Applied Gerontology. 2016.

Calkins, M.P. [Evidence-based long term care design](#). NeuroRehabilitation. 2009.

Cohen L.W., Zimmerman S., Reed D., Brown P., Bowers B.J., Nolet K., Hudak S., Horn S.; THRIVE Research Collaborative. [The Green House Model of Nursing Home Care in Design and Implementation](#). Health Services Research. 2016.

Lum T.Y., Kane R.A., Cutler L.J., Yu T.C. [Effects of Green House nursing homes on residents' families](#). Health Care Financing Review. 2008.

Sharkey S.S., Hudak S, Horn S.D., James B., Howes J. [Frontline caregiver daily practices: a comparison study of traditional nursing homes and the Green House project sites](#). Journal of the American Geriatric Society. 2011.