

# HERITAGE

THE UTAH HERITAGE FOUNDATION NEWSLETTER

SPRING 2014

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## More Preservation is Key to Cleaning Up Utah's Air

BY HANNAH TURPEN AND ALISON FLANDERS

In **January**, with recent discussions about taking drastic measures to better Salt Lake City's air quality, Mayor Ralph Becker announced that Salt Lake City will be joining nine other U.S. cities in the "City Energy Project." The initiative is aimed at reducing the impact of large buildings which are the greatest consumers of energy and the greatest producers of climate pollution.

The project is headed up by the Natural Resources Defense Council and the Institute for Marketing Transformation and has private funding of over \$9 million. The City Energy Project is projected to save \$50 million annually in Salt Lake City, according to the program organizer. Organizers claim that the building "tune-ups" would cut emissions equivalent to the carbon footprint of 25,000 homes per year.

With developers following the rule that "bigger is better" it is time for us to stand by our decades old claim that preserving our built environment will help reduce energy



*Photo shows downtown Salt Lake City during January 2014 inversion. Photo by: Brian Nicholson, Deseret News via the Associated Press*

consumption, air pollution, and contributions to our local landfills while increasing the economic viability to the citizens and those who are visiting Salt Lake City. The cost of upgrading the energy efficiency of a historic building is often equal to upgrading a new building and the benefits would be that you have a beautiful historic building without the waste that is caused by demolition and construction.

*(continued on page 4)*



Preserving, protecting and promoting Utah's historic built environment through education, advocacy and active preservation.

**Utah Heritage Foundation  
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- David Mash, Murray
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- David Richardson, Salt Lake City
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# Blue Tea

An afternoon tea party at the  
Ladies' Literary Club Building

Saturday, April 26th, 2014

1:00 - 3:00 p.m.

850 E. South Temple

Tea - Treats - Tours - Live Music

\$10 suggested donation toward  
building restoration  
Don't forget to wear blue and teatime attire!

For more information:  
[www.utahheritagefoundation.org](http://www.utahheritagefoundation.org)

**LADIES' LITERARY CLUB DONORS  
NOVEMBER 2013 THROUGH FEBRUARY 2014**

- Alan Barnett, SLC
- Janis and Richard Bennion, SLC
- Ben and Jyana Butler, SLC
- Capitol Hill Construction, SLC
- The Corner Station, Fairview
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- Rob and Connie White, SLC

*If you would like to donate to the Ladies' Literary Club building restoration, visit us at [www.utahheritagefoundation.org](http://www.utahheritagefoundation.org).*



# Utah Preservation Conference & Heritage Awards Dinner



Stuart Burgess (middle) and members of Mojave Underground.

Utah Heritage Foundation hosts its eight annual preservation conference, **Hiding in**

**Plain Sight: Places Rediscovered**, looking at preservation of structures that make up Utah's landscape - from pioneer-era through the midcentury.

Tickets and information are available online. Be sure to check dates and times as our event schedule has changed from last year.

## REGISTRATION

Register before **Friday, May 2**, to receive discounted rates.

## MEET OUR FEATURED SPEAKERS:



**Charles Belfoure** is an architect, historic preservation consultant, and resident of Westminster, Maryland. He graduated from the Pratt Institute and Columbia University and has taught at the Pratt Institute and Goucher College. He has written several books that pertain to architecture and preservation, but *The Paris Architect*, his first novel, tells a story about life in Nazi-occupied

Paris and the challenges of building hiding places within existing architecture.

**Stuart Burgess** is a world-renowned advocate for Western U.S. mining history. Passionate about all things mining he has been exploring for over seven years. He was featured in Forbes Magazine as a founder of the world's foremost abandoned mine exploration group, Mojave Underground.

## THURSDAY, MAY 8

### Heritage Awards Ceremony and Fundraising Dinner

6:00 - 8:30 p.m. at The Leonardo, 209 East 500 South

## FRIDAY, MAY 9

### Utah's Underground History by Stuart Burgess

8:30 a.m. - 9:15 a.m., Salt Lake Masonic Temple, Auditorium

### Education Sessions

9:15 a.m. - 2:15 p.m., Salt Lake Masonic Temple

### Design and Folklore of Hidden Places and Hiding Spaces by Charles Belfoure

11:15 a.m. - 12:15 p.m., Salt Lake Masonic Temple, Auditorium

### Walking Tour: Modernism on South Temple

2:30 - 4:00 p.m., Meet in the Salt Lake Masonic Temple Lobby

## SATURDAY, MAY 10

### 43rd Annual Historic Homes Tour: Marmalade

10:00 a.m. - 5:00 p.m.

## SATURDAY, JUNE 14

### Salt Lake Modern Tour

10:00 a.m. - 4:00 p.m.

[www.utahheritagefoundation.org](http://www.utahheritagefoundation.org)

# More Preservation is Key to Cleaning Up Utah's Air

CONTINUED

This is nothing new for preservation. In the 1980s, National Trust for Historic Preservation President Michael Ainslie said *"the nation can both cut energy consumption and retain tangible elements of its rich heritage. The simple philosophy of reusing what is best from the past and rejecting the throw-away mentality is the same ethic behind protecting wildlife, guarding the beauty of fragile natural areas and saving gasoline, fuel oil and electricity. We must find, highlight and change the laws, practices and misconceptions that have led us as a nation to treat buildings as simply more disposable items, rather than the capital assets that they are."*

Here is some information about the effects of tearing down our historic architecture and the roll that it plays in the quality of our environment.

## Demolition and Construction: Pollution Statistics

According to the EPA "building-related construction and demolition (C&D) debris totals approximately 160 million tons per year, accounting for nearly 26 percent of the total non-industrial waste generation in the United States." The EPA also estimates that "20 to 30 percent of the building-related construction and demolition is recovered for processing and recycling."

The average historic house in Utah that is retained rather than razed reduces the impact on the landfill by 116.6 tons. That is equal to throwing away the equivalent of 12,338 gallons of gasoline or creating waste equal to what it would take one person 139 years to generate.

There are three different types of pollution that results from demolition and construction:

Air Pollution: Construction dust is classified as PM10, which means that it is less than 10 microns in diameter (invisible to the naked eye). This dust can penetrate deep into the lungs and cause a wide array of health problems including: lung irritation, emphysema, asthma, chronic bronchitis, cancer, heart disease, allergic reactions, and other serious conditions that can lead to death.

Another type of particulate that is correlated with construction comes from the diesel machinery. This particulate is classified as diesel particulate matter (DPM). DPM is made up of soot, sulphates, and silicates which contribute to health problems and pollution.

Water Pollution: Construction sites often move large amounts of land which cause soil erosion. Water run-off from construction sites consists of: diesel and oil; toxic chemicals; and construction debris and dirt. These substances could potentially get into the natural waterways, which result in larger environmental concerns. These pollutants also soak into the groundwater below the job site, which is often times a source of drinking water for the local community.

Noise Pollution: The heavy machinery and other resources at construction sites often create noise nuisances, which are particularly bothersome in residential neighborhoods.

While we admit that a preservation project will still emit some pollutants into the atmosphere, we know that the impact is less when you consider the energy and materials conserved by the project and retained within the building.

Paul Goldberger, the New York Times architecture critic, wrote *"Preservationists can show the rest of the country that in the end things are not necessarily so bad, that the seeds of*



The average historic house that was retained rather than razed reduced the impact on the landfill by 116.6 Tons

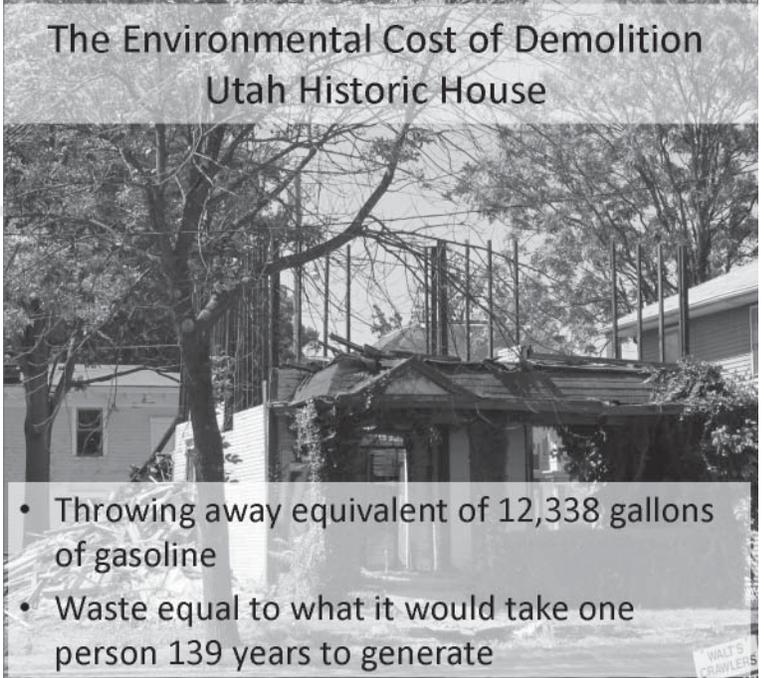
improvement and the way out of a crisis can lie within what we already have.”

Besides being an avid preservationist, here are a few things that you can do to contribute to cleaner air:

Drive Less: You save one pound of carbon dioxide for each mile of driving you eliminate.

Weatherproof Your Home: Install storm windows and close curtains at night to reduce heat loss and energy use. Upgrade insulation in walls, basements and attics to save up to 30 percent of your energy bill.

Change Your Lights: Replace regular light bulbs with compact fluorescent light bulbs to eliminate 150 pounds or more of CO<sub>2</sub> for each bulb per year. You also can cut costs, energy use and CO<sub>2</sub> emissions by turning out lights when you leave a room. Consideration should be given in balanc-



## The Environmental Cost of Demolition Utah Historic House

- Throwing away equivalent of 12,338 gallons of gasoline
- Waste equal to what it would take one person 139 years to generate

*Preservation of historic structures also decreases vehicle miles traveled (VMT) encouraging walkable neighborhoods and density.*

ing energy efficiency and historic lighting with unique bulb sizes and styles.

Adjust Your Thermostat: Moving your thermostat down just

two degrees in winter and up two degrees in summer could eliminate about 2,000 pounds of CO<sub>2</sub> a year by reducing power use. Install a programmable thermostat for best efficiency. Turn the heat down before sleep at night or when leaving the house.

Plant Trees and Vegetation: Trees absorb CO<sub>2</sub> and give off oxygen. One tree will absorb over a ton of carbon dioxide during its lifetime. Trees and bushes make effective wind breaks; they can reduce winter heating costs by 40 percent and summer cooling costs by up to 50 percent. Just three properly placed trees can save homeowners between \$100 and \$250 a year in heating and cooling costs, according to some estimates.

*Statistics for this article were taken from the material generated by the Utah Preservation Economic Impact Study and can be found in the report Profits Through Preservation available on our website.*

*Other sources:*

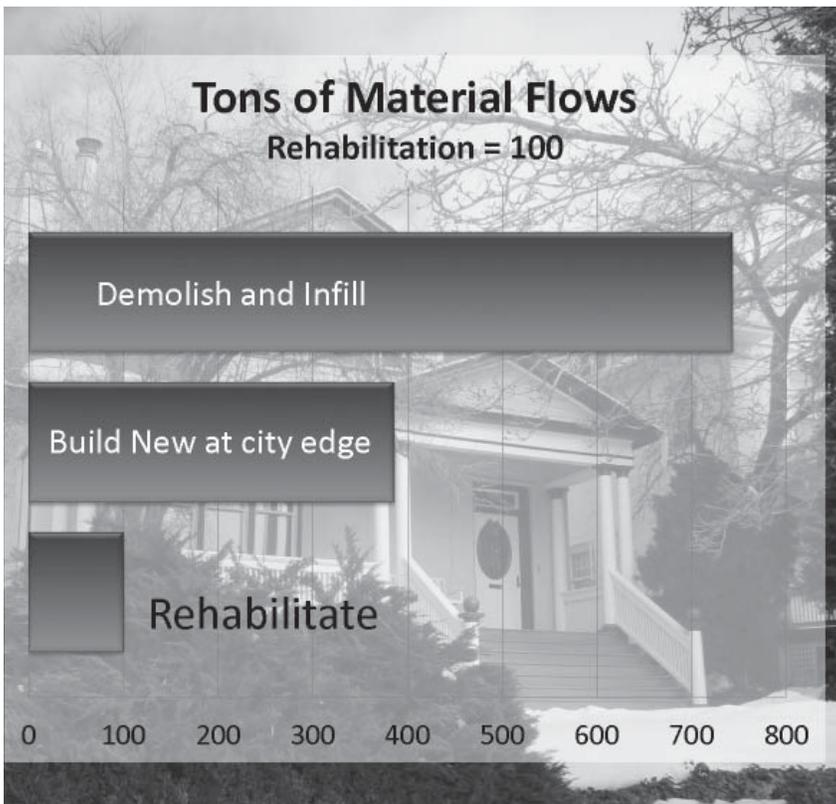
<http://www.ecy.wa.gov/ecyhome.html>

<http://www.epa.gov/greenbuilding/pubs/gbstats.pdf>

<http://www.sustainablebuild.co.uk/PollutionFromConstruction.html>

[https://www.aqmd.gov/news/2002/coachella\\_valley\\_plan.html](https://www.aqmd.gov/news/2002/coachella_valley_plan.html)

[http://www.ecy.wa.gov/programs/air/other/Windblown\\_dust\\_information.htm](http://www.ecy.wa.gov/programs/air/other/Windblown_dust_information.htm)



*Rehabilitation of historic buildings also reduces the “material flow,” or the path of materials from extraction to utilization to landfill. When rehabilitation is compared to the construction of a similar house at the edge of the city or the demolition of an older house and construction of a similar house, it generates the lowest material flow by far. New construction at the edge of the city generated a material stream 4 times greater than rehabilitation, while the material stream of demolition and reconstruction was 7.4 times greater.*

# People in Preservation

## New Board of Trustee Members



### J. Scott Anderson

For nearly thirty years, J. Scott Anderson has owned a prominent interior design firm in Salt Lake City – J. Scott Anderson, Inc. Anderson holds a degree in Interior Environments from BYU and worked for a period for the prominent firm Clark Leaming. A resident of Salt Lake City, he also owns the historic Crawforth Farmhouse in Spring City and serves on the boards of Friends of Historic Spring City and the Governor’s Mansion Foundation. Anderson’s interests include art, antiques, local architecture and historic preservation, landscape design, travel, and 19th century American carriages, and has been involved with the restoration of numerous landmark structures across the state.

### David Mash

David Mash holds a Bachelor of Arts degree from the University of Utah, where he majored in art history and minored in architectural design. From that point on, art and architecture have been common threads throughout his professional career and leisure pursuits. Mash worked in the nonprofit sector in New York City holding various development, Executive Director, and consulting positions. He returned to Utah in about 2005 and holds Utah’s architectural history in high regard. Mash is a resident of Murray.



### Amy-Jo Stanford

A resident of Herriman, Ms. Stanford is a professional educator with adult continuing education and public school teaching background in Family and Consumer Sciences. She relocated to Utah in 2008 from Warren County, Tennessee where she completed restoration of an 1840s plantation home for her family. She is also a member of the founding Board of Directors and former Executive Director of Main Street McMinnville (Tennessee), a downtown revitalization program with cumulative \$5 million expenditures. Stanford holds a Bachelor’s degree in Education from the University of Tennessee.

### Utah Heritage Foundation Staff - Hannah Turpen

On January 2, 2014, Hannah Turpen began work at Utah Heritage Foundation as Office Manager. Hannah has a Bachelor’s degree from the University of Utah in Urban Planning with a minor in History. She is currently enrolled in the Master’s degree program in historic preservation at the University of Utah. Turpen served as an intern for Utah Heritage Foundation twice and worked most recently as an event host. As a former athlete on the Utah women’s soccer team, she’s involved with several university-related athletic divisions she also teaches and coaches in local soccer organizations.



# Utah's Preservation Heroes

Through generous contributions from our donors and sponsors Utah Heritage Foundation is able to fulfill our mission and bring historic preservation to the public. The Board of Trustees, volunteers and staff sincerely thank these Preservation Heroes.

## \$10,000+

Big-D Construction, *SLC*  
 Capitol Hill Construction, *SLC*  
 Lawrence T. & Janet T. Dee Foundation, *SLC*  
 Division of State History, *SLC*  
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 Salt Lake County Zoo, Arts & Parks Fund, *SLC*  
 Utah Transit Authority, *SLC*

## \$5,000+

FOUNDATION  
 Governor's Mansion Foundation, *SLC*  
 M Lazy M Foundation, *SLC*  
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FOUNDATION  
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 The PI Fund, *SLC*  
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## \$1,000+

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 Alan Barnett, *SLC*  
 John and Terry Becker, *SLC*  
 Robert Bliss, *SLC*  
 Ben and Jyana Butler\*, *SLC*  
 Laraine and Douglas Christensen, *SLC*  
 E.R. and Katherine Dumke, *SLC*  
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 Don Ipson, *Saint George*  
 Ceri Jones\*, *SLC*  
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 Preservation Painting\*, *Riverton*  
 Specialty Linen and Chair Covers\*, *SLC*  
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 Preston G. Hughes Foundation, *SLC*  
 Semnani Family Foundation, *SLC*  
 Weber County Heritage Foundation, *Ogden*

PUBLIC  
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 Salt Lake City Council, *SLC*

\*Denotes in-kind donation

## Preserve the Past for Future Generations

### Leaving a Legacy Gift

Utah Heritage Foundation welcomes your deferred or planned gifts to protect the places that matter for future generations. These gifts may take the form of a general bequest, life insurance, IRA/pension/retirement funds, and life-income gifts (such as a charitable gift annuity, charitable remainder trust, or charitable lead trust).

Estate planning should be undertaken with the assistance of a legal or financial advisor who can help in determining the optimal planned gift for your personal situation, as well as the tax benefits for you and your family. If you have already included Utah Heritage Foundation in your estate, please let us know! We would love to express our gratitude, keep you informed of our achievements and, with your permission, publicly recognize your foresight and generosity.

Learn more about planned giving to Utah Heritage Foundation on our website: [www.utahheritagefoundation.org/supportus](http://www.utahheritagefoundation.org/supportus). Or contact Kirk Huffaker, Executive Director, at (801) 533-0858 ext. 105 or [kirk@utahheritagefoundation.org](mailto:kirk@utahheritagefoundation.org) and he would be happy to meet with you.

**Utah Heritage Foundation**  
Memorial House in Memory Grove Park  
P.O. Box 28  
Salt Lake City, UT 84110-0028  
801.533.0858  
www.utahheritagefoundation.org

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## **43<sup>RD</sup> ANNUAL HISTORIC HOMES TOUR: MARMALADE**

**Saturday, May 10, 2014**

10:00 a.m. - 5:00 p.m.

\$20 In advance

\$25 Day-of tour



***Tickets for both tours are on sale NOW!***

## **SALT LAKE MODERN HOMES TOUR**



**Saturday, June 14, 2014**

10:00 a.m. - 4:00 p.m.

\$20 In advance

\$25 Day-of tour

*Homes pictured may or may not be included on the tour.*

**(801) 533-0858 • [www.utahheritagefoundation.org](http://www.utahheritagefoundation.org)**