Temple Tiny House Project Team
All work conducted by Temple University students and affiliates unless otherwise noted

PROJECT MANAGER

Katherine Switala Elmhurst, PhD, LEED AP
Temple University Office of Sustainability

PRE-DESIGN PHASE

Interdisciplinary Design Committee: June 2014 - March 2015

Faculty: Kate Benisek, Li Bai, Saroj Biswas, Debbie Campbell, Richard Cohen, Dmitriy Dikin, Jeffrey Doshna, Paul Gluck, Sally Harrison, Parsaoran Hutapea, Tim McDonald, William Miller, Svetlana Neretina, Songgang Qiu, Fei Ren, Christina Rosan, Robert Ryan, Eve Walters, Kate Wingert-Playdon and Jie Yin

Administration: Jacek Ghosh, Kathleen Grady and Katherine Switala Elmhurst

DESIGN PHASE

Interdisciplinary Design Charrette: January 2015

Charrette Participants:

Student Team 1
Daniel Bhaumik, Civil Engineering
Toby Forstater, Environmental Science
Saw Oo, Marketing
Blake Wetherington, Architecture
Cheng Zhang, Architecture

Student Team 2
Evandro Luis Borges de Souza, Architecture
Joshua Dao, Bioengineering
Samuel Flower, Architecture
Colleen Przybylski, Neuroscience
Jennifer Yun, Architecture

Student Team 3
William Dawson, Civil Engineering
Rachael Ketterer, Advertising
Andrew Sargeant, Landscape Architecture
Jenna Wandishin, Architecture
Xianlong Zheng, Architecture
Student Team 4
Mike Dietrich, Environmental Engineering
Ted Mullen, Community & Regional Planning
Kevin Squadroni, Architecture
Sam Turner, Architecture
Joy Waldinger, Art Education

Student Team 5
Ben Gardner, Community & Regional Planning
An Ly, Civil Engineering
AJ Morrison, Architecture
Saumon Oboudiyat, Architecture
Laura Posada, Visual Studies

Student Team 6 (winning design)
Catherine Bergeron, Physics
Stephanie Haller, Architecture
Sean Kennedy, Architecture
Ian MacFarlane, Mechanical Engineering
Molly Mattes, Geography & Urban Studies

Student Team 7
Nicholas Fontana, Architecture
Meghan Higgins, Architecture
Jeffrey Karmazin, Environmental Studies
Andrew Staehle, Mechanical Engineering
Peter Usilton, Environmental Studies

Mentors
Sally Harrison, Associate Professor, Architecture
Timothy McDonald, Associate Professor, Architecture
Kate Benisek, Assistant Professor, Landscape Architecture
Kurt Bresser, Temple University Energy Manager
Phillip Adams, local artist

Temple Community Garden Representatives
Sandra Vogel, President
Elliot Wilson, Events Coordinator

School of Media and Communication
Paul Gluck, Associate Professor
Phil Dupont, Undergraduate Student

Jury
Alex Dews, Executive Director, DVGBC
Katherine Gajewski, Director, Philadelphia Office of Sustainability
Jacek Ghosh, Director of Sustainability Education, Temple University
Sandra Vogel, President, Temple Community Garden
Temple Tiny House Design-Build Course Development: March - September 2015

Faculty group members involved in design course development:
Kate Benisek, Landscape Architecture & Horticulture
David Brookstein, Associate Dean for Undergraduate Studies
Shawn Fagan, Director of Undergraduate Studies
Sally Harrison, Architecture
Tim McDonald, Architecture
Christina Rosan, Geography & Urban Studies
Robert Ryan, Civil & Environmental Engineering
Kate Wingert-Playdon, Architecture

Temple Tiny House Design Course: January 2016 – April 2016

Course Faculty:
Robert Shuman, Architecture
Tim McDonald, Architecture

Students:
Alex Beranek, Architecture
Casey Buffaloe, Environmental Studies
Jason Buss, Architecture
Ces Calvosa D’Almedia Couto, International Student Program
Cassandra Castillo, Environmental Studies
Michael Cinalli, Architecture
Mark Fedele, Architecture
Zachary Hawk, Architecture
Rhett Heuer-Rubalcava, Architecture
Isaac Howland, Architecture
Mario Marques Margotto, International Student Program
Devon McLaughlin, Landscape Architecture
Steffanie Minnema, Architecture
Collin Phillips, Architecture
Sarah Roebuck, Architecture
Brianna Shillington, Environmental Studies
Alexander Spaseff, Architecture
Pierre Tairouz, Architecture
Lena Voyevoda, Architecture
Rattanak, Yin, Architecture

Engineering Senior Design Team:
Roy Andresen, Environmental Engineering
Alex Burchman, Electrical Engineering
Blake Larson, Mechanical Engineering
Taha Mohamed, Civil Engineering

Engineering Senior Design Faculty Advisors:
Saroj Biswas, Electrical Engineering
Jim Chen, Mechanical Engineering
Robert Ryan, Civil and Environmental Engineering
**School of Media and Communication:**
Paul Gluck, Associate Professor  
Joselyn Castro, Undergraduate Student

**Site Design Charrette: January 2016**

**Charrette Participants:**

*Students:*
Jing Bian, Landscape Architecture (graduate)  
Holly Ann Colello, Landscape Architecture (graduate)  
Zachary Cook, Landscape Architecture (undergraduate)  
Lisa Mann, Landscape Architecture (graduate)  
Jack Oswald, Landscape Architecture (undergraduate)  
Karen Steenhoudt, Landscape Architecture (graduate)  
Jon Vega, Landscape Architecture (graduate)  
Kristin Winters, Landscape Architecture (graduate)

*Faculty:*
Kate Benisek, Landscape Architecture

*Temple Community Garden Representative:*
Shay Pilot

**School of Media and Communication:**
Joselyn Castro

**CONSTRUCTION PHASE**

**Preconstruction Phase: February 2016 – June 2016**
Zoning, permitting, safety and security, material orders and construction logistics

**Temple University Administration and Operations Support:**
Facilities  
Department of Architecture  
Risk Management  
Campus Safety  
Grounds  
Project Delivery Group  
Purchasing  
Service Operations

**Temple Tiny House Build Course: June 2016 – December 2016**

**Course Faculty:**
Robert Shuman, Architecture

**Architecture Students:**
Lena Bonds, Joseph Burda, Jonathan Crook, Chang Hong, Julie Kress, Yau Wai Lam, Natalie Lee, Dominic Martino and Kyle Taveira
Engineering Senior Design Team:
Roy Andresen, Environmental Engineering
Alex Burchman, Electrical Engineering
Blake Larson, Mechanical Engineering
Taha Mohamed, Civil Engineering

Engineering Senior Design Faculty Advisors:
Saroj Biswas, Electrical Engineering
Jim Chen, Mechanical Engineering
Robert Ryan, Civil and Environmental Engineering

Temple University Operations Support:
Facilities
Service Operations
Project Delivery Group
Grounds
Campus Safety

Construction Support:

Concrete & Site Material Supplier:
Tripodi Construction
2550 McKean Street
Philadelphia, PA 19145
(11.5 km from project site)

Green Roof Supplier & Installer:
GRASS
111 W. Norris Street
Philadelphia, PA 19122
(2.4 km from project site)

Solar Vendor Supplier & Installer:
Solar States
1508 N. American Street
Philadelphia, PA 19122
(2.4 km from project site)

Roof Supplier & Installer:
United States Roofing Corporation
910 East Main Street, Suite 300
Norristown, PA 19401
(23 km from project site)

Window Supplier:
Kensington High Performance Products
1136 Industrial Park Road
Vandergrift, PA 15690
(490 km from project site)
Landscape Construction: August 2017 – October 2017

Students:
Michael Cappon, Undergraduate Student, Horticulture
Hayley Murphy, Undergraduate Student, Landscape Architecture

Faculty:
Kate Benisek, Landscape Architecture

LIVING BUILDING CHALLENGE DOCUMENTATION

Mariem Hakim, Graduate Student, Architecture
Vinutna Yelaka, Graduate Student, Architecture
Adebola Florish Duro-Aina, Undergraduate Student, Bioengineering