

Brad Stewart Lancaster

813 N 9th Ave * Tucson, Arizona 85705

www.HarvestingRainwater.com

EDUCATION:

- Spring 1996 Earthworks Institute: Eco-Village Design Course with Max Lindegger
Fall 1995 Permaculture Drylands Institute: Patterning Design Course
Fall 1994 Permaculture Drylands Institute: Advanced Design Course
Fall 1993 Permaculture Drylands Institute: Basic Design Course
1985-1991 University of Arizona: B.A. in Anthropology, Spanish, and Humanities (Dean's Award)
University of Sevilla (Spain): Institute of International Studies & Bilingual Education

PUBLICATIONS:

2013

Wrote and self-published second edition of *Rainwater Harvesting for Drylands and Beyond, Volume 1: Guiding Principles to Welcome Rain Into Your Life and Landscape*, with expanded integrated-design resources.

2010

Published *Eat Mesquite! A Cookbook*, by Desert Harvesters.

Publication of Arabic edition of *Rainwater Harvesting for Drylands and Beyond, Volume 1: Guiding Principles to Welcome Rain Into Your Life and Landscape*.

2008

Wrote and self-published the award-winning, best-selling book *Rainwater Harvesting for Drylands and Beyond, Volume 2: Water-Harvesting Earthworks*.

2006

Wrote and self-published the award-winning, best-selling book *Rainwater Harvesting for Drylands and Beyond, Volume 1: Guiding Principles to Welcome Rain Into Your Life and Landscape*.

Created the website www.HarvestingRainwater.com and associated Drops in a Bucket blog.

Wrote articles published in the American Water Works Association Journal, Ecologist, Permaculture Activist, Permaculture Magazine, Back Home Magazine, G Magazine, and Mother Earth News.

EXHIBITIONS:

Conduct 100 public talks, workshops, and interviews yearly, advocating attainable, sustainable systems.

Venues have included conferences such as Village Building Convergence, Bioneers, New Mexico Xeriscape, New Mexico Organic Farming, Green Festival, California Master Gardeners, American Rainwater Catchment Systems Association, International Rainwater Catchment Systems Association (India & Australia), 7th International Workshop on Rainwater Harvesting (Seoul, South Korea), International Permaculture Convergence (Jordan); U.S. State Department-sponsored tours of Jordan & Saudi Arabia; and Watershed Management Group's 10-Day Water-Harvesting Certification Courses (English & Spanish).

National media, including New Dimensions Radio and National Public Radio

RELEVANT PROJECTS & RESEARCH:

Designed/built dozens of home-scale permaculture gardens and landscapes (irrigated entirely with harvested rainwater and greywater)

Consulted on design of model homes landscapes and greenbelts for first phase of Civano development

Consulted on/designed water-harvesting landscapes for Milagro and Stone Curves Co-housing developments

Consulted on Simpson Farm/Santa Cruz River restoration project and the Tucson Nature Conservancy water-harvesting demonstration site

PROFESSIONAL & PUBLIC SERVICE:

Created and live on thriving, award-winning 1/8-acre urban permaculture site in Tucson (1994–present)

Co-founded and co-organize annual Dunbar/Spring Tree Planting Project (1996–present)

Co-founded and co-organize Desert Harvesters project (www.DesertHarvesters.org) (2002–present)

Senior Watershed Specialist at Watershed Management Group, Tucson (2011–present)

Member of City of Tucson Citizens' Advisory Committee to implement residential greywater-harvesting stub-out ordinance (2008), and the committee to revise the ordinance (2012)

Member of City of Tucson Citizens' Advisory Committee to create rainwater-harvesting rebate program (2011)

Designed & supervised volunteer installation of Barrio Anita Bike Church water-harvesting landscape (2010)

Member of City of Tucson Citizens' Advisory Committee to implement ordinance requiring commercial properties to provide at least 50% of their landscape irrigation needs with harvested rainwater, which emphasizes *passive* earthworks/rain garden systems (2008)

Spearheaded creation of award-winning Dunbar/Spring Organic Community Garden and Mini Nature Park (1998)

President of Dunbar/Spring Neighborhood Association (April 1996–April 1998)

HONORS, AWARDS & GRANTS:

Honors & Awards:

Cox Conserves Hero: Arizona, 2013

David Yetman Award: Tucson Audubon Society, 2013

Award of Excellence/Personal Recognition: American Rainwater Catchment Systems Association, 2008

First Place, Homeowner < \$10,000: Arizona Dept Water Resources/Tohono Chul Xeriscape Contest, 2005

Best Water Harvesting: Arizona Dept Water Resources/Tohono Chul Xeriscape Contest, 2005

JD DiMelglio Artistry in Landscaping: Arizona Dept Water Resources/Tohono Chul Xeriscape Contest, 2005

Good Neighbor Award: City of Tucson and Pima County, 2001

Dunbar/Spring Organic Community Garden voted Best Neighborhood Garden by Tucson Weekly, 2000

Grants:

Pima County Neighborhood Reinvestment: neighborhood-wide water harvesting, traffic calming, native plantings, and public art (\$500,000)

PRO Neighborhoods: Develop traffic-calming strategies in Dunbar/Spring neighborhood, landscape the strategies, and implement public art works of sculpture and intersection murals (\$5,000)

PRO Neighborhoods: Create Desert Harvesters & buy hammermill for community mesquite millings (\$5,000)

PRO Neighborhoods: Develop Dunbar/Spring Organic Community Garden (\$8,000)

Arizona State Land Department: Community Forestry Grant to develop Dunbar/Spring Mini-Nature Park

PRO Neighborhoods: Initiate first annual Dunbar/Spring Neighborhood Assoc Tree Planting Project (\$1,000)

ACADEMIC & FIELD EXPERIENCE:

Teaching the sustainable-design system of permaculture and integrated water-, sun-, wind-, and shade-harvesting systems since 1994.

Developed and taught programs for ECOSA Institute; Western Hemisphere Institute for Student Leaders; Columbia University; University of Arizona; Prescott College; Earlham College; Audubon Expeditions; Berea College; Permaculture Drylands Institute/Sonoran Permaculture Teaching Guild; Amphitheater School District; Arizona Sonora Desert Museum; City of Asheville, North Carolina; City of Flagstaff, Arizona; Santa Cruz county, Arizona; and others.

Additional workshops/courses developed and taught cover such topics as land reclamation, earth plasters, desert gardening, edible and medicinal native plants, primitive skills, and adobe restoration.

In 2003 worked as a wilderness guide and teacher of primitive skills for the Boulder Outdoor Survival School and the Backtracks Wintercount gatherings.

PRACTICE:

Since 1994 I have owned and operated a business providing consultation, design, implementation, and education services in all aspects of permaculture and sustainable design, with an emphasis on integrated water harvesting, passive-solar design, wildlife habitat, local-food production, and community building.