

VITAE
MICHAEL TAVEL AIA

Summary

Internationally recognized expert in sustainable urban neighborhood design, with an urban design and architecture practice in Denver. The Geos Net-Zero Energy Mixed-Use Neighborhood won a 2009 National ASLA Honor Award, is featured on the national ASLA website, and was recently featured in two books: *"Sun, Wind & Light: Architectural Design Strategies,"* Third Edition 2014 Wiley and *"Zero Carbon Homes"* 2012 Routledge. Greensburg Green Neighborhoods and Solar Village are other recent award-winning projects. Tavel was featured speaker at the 2013 National AIA Convention, keynote speaker at the 2011 AIA Vermont annual conference, and featured speaker at the 2011 National ASLA Conference and the 2013 and 2011 Portland Urban Architecture Research Lab International Symposium. He has also spoken in Europe, Africa, and South America at government agencies and universities. In July, 2013 he was scholar in residence at the Zentrum Fur Ceramic in Berlin.

His work emphasizes passive design strategies within urban development patterns to reduce resource demands, and the relation of urban form and urban architecture to sustainable cultural practices.

He is on the faculty of the University of Colorado, Boulder where he teaches sustainable urbanism and urban architecture.

Tavel and his wife, Tsehai Johnson, live in Denver with their two children. Johnson is a professor of fine arts at Metro State.

Awards

2015	Outstanding Alumnus Award, University of Toledo, Ohio, College of Communication and the Arts
2015	Outstanding Faculty Award, Program in Environmental Design Diverse Scholars Program, CU Boulder
2013	Scholar in Residence, Zentrum Fur Ceramic, Berlin
2010	Colorado AIA Honor Award, for Greensburg Green Neighborhoods, Greensburg, KS
2009	National ASLA Honor Award for Analysis and Planning, for GEOS Net-Zero Energy Urban Mixed-Use Neighborhood, Arvada, CO
2009	Colorado Sustainable Design Awards, First Prize, GEOS Neighborhood, Arvada, CO
2009	ASLA Colorado Land Stewardship Award for Planning, GEOS Neighborhood, Arvada, CO
2009	ASLA Colorado Merit Award for Planning, GEOS Neighborhood, Arvada, CO.
2007	Honorable Mention, AIA Colorado "Young Architect of the Year"
2007	AIA Denver "Citation Award" for Solar Village Prospect, Longmont, CO.
2006	AIA Colorado "Citation Award" for GEOS Neighborhood, Arvada, CO.
2006	AIA Denver "Honor Award" for GEOS Neighborhood, Arvada, CO.
2006	AIA Denver "Sustainability Award" for GEOS Neighborhood,



- Arvada, CO.
- 2006 AIA Denver "Sustainability Award" for Solar Village Prospect, Longmont, CO.
- 2006 Rocky Mountain News / AIA Denver "Architects Choice Award" for Solar Village Prospect, Longmont, CO.
- 2006 Colorado Renewable Energy Society, "Exemplary Buildings Award" for Solar Village Prospect, Longmont, CO.
- 2005 National AIA/HUD Award for "Mixed-Use Mixed-Income Project" to Wolff Lyon Architects for Main Street North, Boulder, CO. (project architect with Wolff Lyon Architects)
- 2002 Colorado Housing Now "Eagle Award", for The Foothills Community of Affordable Housing, Boulder, CO. (project architect with Wolff Lyon Architects)
- 2002 NAHRO (National Association of Housing and Redevelopment Officials) Award of Excellence for Housing Design, The Foothills Community of Affordable Housing, Boulder, CO.
- 2000 First Prize, Aspen Mass Affordable Housing Competition (project designer for Wolff Lyon Architects, collaboration with Civitas, Inc.)
- 2000 Historic Boulder Design Award for "Compatible Urban Infill," Ninth and Pearl, Boulder, CO. (project designer with Wolff Lyon Architects)
- 1999 Colorado AIA Citation Award, Ninth and Pearl, Boulder, CO.
- 1999 Colorado AIA Merit Award, Environmental and Natural Resources Building, Tucson, AZ (design team member with Hoover Berg Desmond Architects, Denver)
- 1999 Denver AIA Honor Award, Environmental and Natural Resources Building, Tucson, AZ (design team member with Hoover Berg Desmond Architects, Denver)
- 1992 Eugene Sternberg Faculty Travelling Fellowship, University of Colorado
- 1990 National Progressive Architecture Design Award, Fukuoka Housing, Fukuoka, Japan (project team member with Mark Mack Architects, San Francisco)
- 1989 Second Prize, Thomas Church Landscape Design Competition
- 1989 Chester Miller Award for Masters' Thesis in Architectural Design, University of California, Berkeley
- 1989 Top Prize in Architectural Design, University of California Berkeley (The John K. Branner One-Year Travelling Fellowship)
- 1984 Best of Show, Sculpture, Spectrum Art Center Annual Juried Exhibition, Toledo, OH.

Speaking Engagements, Lectures, Interviews

- 2015 Guest Speaker, University of Toledo, OH, "*Sustainability as Creative Practice.*"
- 2015 Featured Project, "*Designing Net-Zero Energy Neighborhoods,*" education session led by Doug Farr, at the 2015 Congress of New Urbanism national conference, Dallas, TX.
- 2015 Visiting Artist and Guest Speaker, University of Toledo Department of Art, Toledo, OH, "*The Art and Craft of Sustainable Cities.*"
- 2014 Guest Speaker, Leeds School of Business, CU Boulder
- 2013 Speaker, National AIA Conference, Denver, CO, "*Master Planning for Net-Zero Energy and Other Intertwined Sustainable Systems.*"
- 2013 Speaker, Portland Urban Architectural Research Laboratory, University of Oregon, Portland, OR, "*The Cultures of Sustainable Urbanism.*"
- 2012 Guest Speaker, University of Denver School of Law, "*Sustainable*

- Urbanism: Paradigms and Paradox.*"
- 2012 Guest Speaker, EPA, Denver, Colorado
- 2011 Keynote Speaker, AIA Vermont Annual Conference, *"Sustainable Communities: Paradigms and Paradox."*
- 2011 Speaker, National ASLA Conference, San Diego, CA, *"Master Planning for Net-Zero Energy and Other Intertwined Sustainable Systems."*
- 2011 Speaker, Portland Urban Architectural Research Laboratory, University of Oregon, Portland, OR, *"Climate Responsive Urbanism: Historic Precedents and Progressive Practice."*
- 2011 Panelist, *Colorado's Next Urbanism*, CNU Colorado, Denver.
- 2011 Speaker, Confluence 2011: Reinvesting in Denver's Neighborhoods, Housing Colorado, RedLine Art Center, Denver.
- 2011 Guest Speaker, Colorado Governor's Energy Office
- 2011 Speaker, Boulder Green Building Guild, *"Keeping Cool: Passive Design for Colorado's Urban Neighborhoods."*
- 2011 Speaker, Sustainable Estes Conference, Estes Park CO
- 2011 Guest Speaker, City of Arvada, CO Planning Commission education session on sustainable community design.
- 2010 Speaker, 10/10/10 Global Climate Solutions Work Party, Boulder, CO, *"Green Neighborhoods."*
- 2010 Speaker, EDRA Environmental Design Research Association Annual National Conference, Washington DC, *"Christopher Alexander Symposium: From Conceptualizing and Programming to Designing and Building."*
- 2010 Speaker, National Cohousing Conference, Boulder, CO *"What Can Traditional Urban Neighborhoods Learn from Cohousing?"*
- 2010 Speaker, National Cohousing Conference, Boulder, CO *"Sustainable Urban Neighborhoods."*
- 2010 Speaker, Rocky Mountain Land Use Institute Annual Conference, University of Denver Sturm College of Law, Denver, *"Sustainable, Net-Zero Energy Urbanism: Issues and Examples."*
- 2010 Speaker, RedLine Denver, *"Phenomenal Urbanism"*
- 2010 Speaker, USGBC Colorado Green Building Conference, Denver, *"The Planning of Geos: America's Largest Net-Zero Energy Neighborhood."*
- 2010 Speaker, Boulder Public Library, Boulder, CO, *"Net-Zero Urbanism: The Geos Neighborhood Story."*
- 2010 Speaker, University of Colorado, College of Architecture and Planning Spring Lecture Series, Boulder, CO, *"The Geos Neighborhood: Net Zero Urbanism/Civic Stormwater/Community Stewardship."*
- 2010 Guest Speaker, Boulder 350 Global Work Party Conference, *"Green Neighborhoods."*
- 2010 Speaker, Estes Earth Fest, Estes Park, CO, *"Envisioning Sustainable Communities."*
- 2010 Guest Speaker, Arvada, CO City Council and Planning Commission Education Session, *"Issues with Mixed-Use."*
- 2009 Speaker, Portland Urban Architecture Research Lab (PUARL) Annual Symposium, University of Oregon, Portland, Oregon, *"A Case Study in Patterns for Sustainable Urbanism."*
- 2009 Speaker, AIAS Denver Lecture Series, *"The Geos Neighborhood."*
- 2009 Speaker, Next Generation of New Urbanists, CNU 17 National Conference, Denver, CO, *"The Geos Net-Zero Energy Neighborhood."*
- 2009 Speaker, Urban Land Institute & DRCOG "Implementing Sustainability Workshop," Denver, CO, *"The Geos Net-Zero Energy Neighborhood."*
- 2009 Speaker, Designing the New West Conference, Bozeman, MT, *"The Geos Net-Zero Energy Neighborhood."*

- 2008 Speaker, AIAS National Conference, Forum 2008, Denver, CO, *"The Geos Net-Zero Energy Neighborhood."*
- 2008 Speaker, AIA Denver COTE (Committee on The Environment), *"Solar Village and Geos."*
- 2008 Guest Speaker, City of Golden, CO Planning Commission, *"The Geos Neighborhood."*
- 2008 Speaker, APA/ASLA Colorado 2008 Joint State Conference, *"The Design of Geos: Integrating Net-Zero Energy and Civic Stormwater with Mixed-Use Urbanism."*
- 2008 Speaker, Emerging Green Builders, Denver, CO, *"Solar Village and Geos."*
- 2007 Speaker, Ethiopia Federal Ministry of Planning, Addis Ababa. (Sponsored by US State Department), *"Case Studies in Sustainable Urbanism."*
- 2007 Speaker, Addis Ababa University Department of Architecture and Urban Planning, Addis Ababa, Ethiopia. (Sponsored by US State Department) *"Case Studies in Sustainable Urbanism."*
- 2007 Speaker, US Green Building Council Colorado Conference, Fort Collins, CO, *"The Geos Net-Zero Energy Neighborhood."*
- 2007 Speaker, American Council of Engineering Companies National Seminar, *"Green Infrastructure and Sustainable Communities."*
- 2006 Featured Guest, Denver Green Drinks, US Green Building Council
- 2005 Colorado Public Radio Interview on "Colorado Matters" regarding FasTracks and Central Denver transportation and land-use issues.
- 2005 KGNU Radio Interview on "Metro" regarding Denver land use planning issues.
- 2002 Speaker, University of Colorado College of Architecture and Planning, *"Sustainable Design."*
- 2001 Speaker, American Institute of Architects Denver Chapter, *"Mixed-Use Development."*
- 1999 Speaker, University of Colorado College of Architecture and Planning Lecture Series, *"Open/Closed."*
- 1998 Speaker, American Institute of Architects Denver Chapter, *"The Urban Design Process."*
- 1997 Speaker, Association of Collegiate Schools of Architecture (ACSA) National Conference, Dallas, TX, *"Cold War Hangovers: Planning in Prague's Post-Communist Landscape."*
- 1995 Speaker, " Council for Educators in Landscape Architecture (CELA) National Conference, Ames, IA, *"Cold War Hangovers: Planning in Prague's Post-Communist Landscape."*
- 1994 Speaker, American Society of Landscape Architects (ASLA) National Conference, Austin, TX, *"Open Contact: The Aesthetics of Ecological Design."*
- 1992 Speaker, Technical University of Budapest, Hungary, *"A Tidal, Urban Waterfront"*
- 1991 Speaker, University of Colorado at Denver Student Chapter APA, *"Brasilia & Sao Paolo: Politics, Economics, and Urban Form in Brazil."*
- 1990 Speaker, Universidade Federal Do Brasil, Rio De Janeiro, Brazil, *"The Architecture of Mark Mack,"*

Books, Articles, & Publications

- 2015: Book Chapter "The Culture of Green Neighborhoods" in *In Pursuit of Living Architecture*, Kyriakos Pontikis, Ed., Common Ground Publishing.
- 2014: *The Passivhaus Designer's Manual* edited by Christina Hopfe and Rob McLeod, to be published by Routledge in 2014. This book features Solar Village by Michael Tavel Architects.
- 2014 *Sun, Wind and Light: Architectural Design Strategies*, Third

- Edition, by G.Z. Brown and Mark DeKay, Wiley, features the Geos Net-Zero Energy Neighborhood.
- 2013 "Administration of Program in Environmental Design Returns to University of Colorado, Boulder," in *Architect Colorado Magazine*, Spring 2013. Co-authored with JoAnn Silverstein and Marianne Bellino.
- 2012 "Climate-Responsive Urbanism: Historic Precedents and Progressive Practice," in *Journal of the 2011 Portland Urban Architectural Research Laboratory International Symposium*
- 2012 *Zero Carbon Homes - A Road Map*, Routledge, by Dr. Jo Williams, features the Geos Net-Zero Energy Neighborhood.
- 2010 Exhibition Catalog, *Artists' Footprints*, RedLine Art Center
- 2010 "A Case Study in Patterns for Sustainable Urbanism: The Geos Net-Zero Energy Neighborhood," in *Current Challenges for Patterns, Pattern Languages & Sustainability: Journal of the 2009 Portland Urban Architectural Research Laboratory Symposium*
- 2009 "Geos Net Zero Energy Neighborhood," *Landscape World Vol 24*, Seoul South Korea.
- 2009 Co-author, *Colorado Urbanizing*, Colorado Chapter of the Congress of New Urbanism, in association with CNU 17 national conference.
- 1997 *Cold War Hangovers: Planning in Prague's Post-Communist Landscape*, in *Architecture: Material and Imagined*, ACSA Press
- 1994 *Open Contact: Phenomenal Experience and "Natural" Processes*, in *Ecology, Aesthetics and Design*, National ASLA
- 1994 *Environmental Resource Guide, Rocky Mountain Region*, Co Author, Published by AIA Denver.
- 1992 *Marsh Fingers: Recreational and Ecological Succession in an Urban Waterfront*, in proceedings of the 1992 International Design Workshop on Lake Balaton, Technical University of Budapest, Hungary.
- 1989 *Socio-Cultural Irrigation for the Periphery of Paris*, in *Paris - Architecture et Utopie: Projects d'urbanisme pour l'entrée dans le 21eme siècle*, Berlin
- 1989 *Open/Closed*, in *Oblong 3*, Regents of the University of California, Berkeley

Press

- 2015 "Integrating community engagement and children's voices into design and planning education," Victoria Derr, in *CoDesign: International Journal of CoCreation in Design and Arts*, Taylor & Francis, London. Describes the Green Neighborhoods Praxis from spring 2014.
- 2014 "Net-Zero Neighborhoods Gaining Traction," *Renewable Energy World.Com*, October 10, 2014.
- 2014 "Geos Development Neighborhood in Arvada Claims Net-Zero Sustainability," *Denver Post*, October 1, 2014.
- 2014 "A Long Delayed Net-Zero Community Nears A Restart," *Green Building Advisor*, May 8, 2014.
- 2014 "Whittier, Boulder High students help design CU family housing redevelopment." *Daily Camera*, Boulder, March 6, 2014.
- 2012 "Turning the Classroom Inside-Out: After-School Class Offers Students a Unique Perspective on the Environment and Heightens Their Sense of Place in It," *ArchitectColorado Magazine*, Spring 2012
- 2011 "Sustainable Landscapes," National ASLA website, features Geos. <http://www.asla.org/sustainablelandscapes/geos.html>
- 2011 "Growing Together: Greensburg Green Neighborhoods Models Eco-Conscious Living," *ArchitectColorado Magazine*, Fall 2011

- 2010 "EAP/EDRA Session on Alexander," *Environmental and Architectural Phenomenology Vol 21 No 2*, Spring 2010
- 2010 "Sustainable Communities," *Urban Farm Magazine*, Fall 2010
- 2010 "Best Places to Live Now," *5280 Magazine*, May 2010
- 2009 "Geos Wins Honor Award," *World Architecture News*, May 20, 2009
- 2009 "ASLA 2009 Professional Awards," *World Landscape Architect*, May, 2009.
- 2009 "Green Home Projects in a Down Economy," *New York Times*. 19 August, 2009.
- 2009 "Beyond the Call of Green," *ColoradoBiz Magazine*, November, 2009.
- 2009 "There goes the [fossil fuel] neighborhood," *Sustainable Industries*, Sept 3, 2009
- 2009 "Sustained Applause," *Toledo Alumni Magazine*, Fall 2009
- 2009 "Geos wins Honor Award," *Architect Colorado*, Summer 2009.
- 2009 "2009 ASLA awards," *Landscape Architecture Magazine*, August, 2009.
- 2009 "Architect with Local Roots is Embracing Green Building in a Big Way," *Estes Park Trail Gazette*, July 15 & 17, 2009.
- 2009 "Colorado Design Firms win National Award," *Exposures, ASLA Colorado*, June, 2009.
- 2009 "Houses move off the grid, into mainstream," *Denver Post*, May 10, 2009.
- 2009 *Colorado Urbanizing*, June 2009, features the Geos Neighborhood and Solar Village Prospect.
- 2008 "New Colorado Neighborhood Aims for Net Zero Energy Use," *UrbanLand Magazine*, ULI, June 2008
- 2008 "How Green Is My Realtor," *Wall Street Journal*, 19 Feb, 2008
- 2008 *Architect Colorado Magazine*, Winter 2008, feature article on Michael Tavel.
- 2008 "New Neighborhood Embraces Energy-Efficient Standards, People-Friendly Features," *Boulder County Business Report*, 28 March, 2008
- 2008 "Architect Sparks Lively Discussion at Ethiopian University, Planning Institute," *Public Diplomacy Highlights*, U.S. Department of State, Ethiopia, January 2008
- 2008 "A Renewable Energy Community: Key elements," N. Carlisle, J. Elling, and T. Penney, National Renewable Energy Laboratory *Technical Report NREL/TP-540-42774* January 2009
- 2007 "2007 Honor and Design Awards" *Architect Colorado Magazine*, Winter 2007
- 2007 "Timeless Architecture: You Know It When You See It" *Architect Colorado Magazine*, Fall 2007
- 2007 "Zero Energy Meets New Urbanism," *Boulder Green Building Journal*, Spring 2007
- 2007 "On The Boards," *Architect Colorado Magazine*, Spring 2007
- 2007 "This Village Lowers Utility Bills," *The Daily Camera*, Boulder, CO 20 February 2007
- 2006 "Imagining an Arvada neighborhood that uses no energy at all," *Denver Post*, 24 December 2006
- 2006 "2006 Honor and Design Awards" *Architect Colorado Magazine*, Winter 2006
- 2006 "A Place in the Sun: Condo complex lauded for funky design that emphasizes solar power," *Rocky Mountain News*, 30 September, 2006
- 1995 "Rejuvenating Prague," *Landscape Architecture Magazine*, February 1995

Exhibitions and Museum Collections

- 2014 Denver Art Museum purchase for permanent collection, solar sun shade from Lumina, a five story mixed use building in Lower Highland, Denver, in collaboration with Tres Birds Workshop.
- 2013 "Urban Earth," Downtown Aurora Visual Arts Center (DAVA), Aurora, CO
- 2010 "Artists' Footprints," Redline, Denver, CO
- 2010 "Colorado ASLA Award Winners," Denver Public Library Central Branch, Denver, CO
- 2008 "Outside the Box," AIA Colorado, Denver, CO
- 2007 "Outside the Box," AIA Colorado, Denver, CO
- 2006 "Building New Ideas: The Art of Progressive Urban Design" Denver, CO
- 1999 "Open/Closed," University of Colorado School of Architecture and Planning Gallery, Denver, CO
- 1993 "San Francisco Waterfront Competition," San Francisco, CO
- 1990 "Paris-Architecture et Utopie," Pavillon de l' Arsenal, Paris, France, with Mark Mack Architects

Education

- 1991 Masters of Architecture with numerous Honors, University of California, Berkeley
- 1986 Certificate, Course in Professional Practice, New York Chapter of the American Institute of Architects
- 1985 B.S. Liberal Studies (Civil/Structural Engineering and Social Sciences), 3.73 GPA, University of Toledo, Ohio, Arts and Sciences Honors Program
- 1985 B.A. Magna Cum Laude, (Fine Arts, Sculpture), 3.73 GPA, University of Toledo, Ohio, Arts and Sciences Honors Program

Teaching

- 2010-2015 Senior Instructor, Program in Environmental Design, University of Colorado, Boulder
- 2000-2010 Visiting Critic, University of Colorado College of Architecture and Planning
- 1993-1999 Co-Director & Co-Founder, University of Colorado, Denver, Summer Urban Design Program in Prague, Czech Republic
- 1991-1999 Instructor/Lecturer, Department of Architecture, University of Colorado College of Architecture and Planning, Denver
- 1988-1989 Graduate Student Instructor, University of California, Berkeley

Professional Experience

- 2003-2015 Principal, Michael Tavel Architects, Denver
- 2002-2003 Van Meter Williams Pollack Architects, Denver
- 1997-2002 Senior Associate, Wolff Lyon Architects, Boulder
- 1993-1996 Designer, Interim Marketing Director, Hoover Berg Desmond Architects, Denver
- 1989, 1990-91 Designer, Mark Mack Architects, San Francisco, CA
- 1990 Designer, Heinz Tesar Architects, Vienna, Austria
- 1987, 1991 Intern & Apprentice, Center for Environmental Structure [Christopher Alexander Architect], Berkeley, CA
- 1985-1986 Intern, KBW Architects, New York City
- 1984 Sculptor's Assistant, Robert Stackhouse, Alice Adams, Thomas Lingeman, Toledo, Ohio
- 1983-1985 Intern, The Collaborative Inc., Toledo, Ohio

Award Juries

- 2010 Juror, AIAS UCD Design Excellence Awards, May, 2010

- 2007 Juror, AIA Denver Recycling Kiosk Design Competition, November, 2007
- 1997 Juror, University of Denver School of Art annual juried student exhibition

Community Service

- 2011-2015 Advisory Board, Congress for New Urbanism Colorado Chapter
- 2008-2015 President, Geos Neighborhood Metropolitan District, Arvada, CO
- 2001-2015 Highland United Neighbors Inc Planning and Community Development Committee
- 2012 Volunteer Planner, Greater Olive Branch Area Town Relocation Community Design Charrette, Olive Branch, Illinois. [Relocating town out of Mississippi River 100-year flood plain].
- 2010-2013 Created and led a Denver Public Schools after school program in environmental literacy called "The Green Neighborhood Class."
- 2010-2011 DenverMOVES Task Force, Denver Public Works and Denver Parks and Recreation
- 2007-2009 Local Host Committee, CNU17 - Congress for New Urbanism 2009 National Convention in Denver
- 2007-2010 Task Force Member, Denver RTD FasTracks Gold Line EIS
- 2006-2011 Mentor, AIA Colorado Mentoring Program
- 2005-2007 Denver Council District 9, Transportation and Land Use Advisory Committee
- 2005-2009 RTD Commuter Rail Maintenance Facility Council District 9 Stakeholders Group
- 1999-2001 Platte River Valley Rezoning Committee, Denver
- 1995-1998 Founding Board Member, Colorado Museum of Contemporary Arts, (Later MCA Denver)

Memberships

- 2003-2015 American Institute of Architects
- 2009-2015 Affiliate Member, American Society of Landscape Architects
- 2008-2015 Building Process Alliance
- 2010-2012 U.S. Green Building Council
- 2007-2013 Congress for New Urbanism
- 2008-2009 Urban Land Institute