

VERDACITY

Where brilliant buildings come naturally.

Qualifications and Team Introduction

Over 200 projects.

Over 100 LEED Certifications.

A dedicated team of green building pioneers, innovators, and educators committed to improving the health of your environment, economy, and people.

APPS
NM – LEED for Schools 2011

APS Eisenhower Gymnasium,
Albuquerque NM – LEED NC 2012

PMS Lindsey-Steiner Elementary School,
Portales NM – LEED for Schools 2012

SFPS Amy Biehl at Rancho Viejo Community
School, Santa Fe NM – LEED for Schools 2012

COA Thomas Bell Gymnasium,
Albuquerque NM – LEED NC 2011

APS Georgia O'Keefe Elementary School,
Albuquerque NM – LEED for Schools 2012

APS Rio Grande ISP Building, Albuquerque
NM – LEED for Schools 2012

APS McCollum Elementary School,
Albuquerque NM – LEED for Schools 2012

APS Alvarado Kindergarten, Albuquerque
NM – LEED for Schools 2011

APS Desert Willow Family School, Albuquerque
NM – LEED for Schools 2010

APS Alamosa Elementary School, Albuquerque
NM – LEED for Schools 2010

ENELOSD Baca Dlo'Azhi School,
Prewitt NM – LEED NC 2004

APS Sandia Mountain Natural History Center,
Cedar Crest NM – LEED for Schools

APS Jackson Middle School Cafeteria,
Albuquerque NM – LEED NC

APS Jackson Middle School Classroom,
Albuquerque NM – LEED for Schools

APS Jefferson Elementary School,
Albuquerque NM – LEED for Schools

APS George I. Sanchez School,
Albuquerque NM – LEED for Schools

APS Highland High School, Albuquerque
NM – LEED for Schools

APS Northwest Pre-K through 8,
Albuquerque NM – LEED for Schools

APS West Mesa High School, Albuquerque
NM – LEED for Schools

APS Aztec Complex, Albuquerque
NM – LEED for Schools

APS Food & Nutrition, Albuquerque NM – LEED NC

APS Desert Willow Family School East Side
Phase II, Albuquerque NM – LEED for Schools

APS Northwest Family School, Albuquerque
NM – LEED for Schools

SISD Chester Jordan Elementary School,
El Paso TX – LEED for Schools 2011

JAI Jeehdeez'a Academy, Low
Mountain AZ – LEED NC 2013

HELOSD First Mesa Elementary School,
Polacca AZ – LEED NC 2005

Grants Elementary School,
Bread Springs NM – LEED for Schools

SFCC Trades & Advanced Technology
Center, Santa Fe NM – LEED NC 2014

UNM Chemistry Building Renovation,
Albuquerque NM – LEED NC 2016

NMSU Health & Social Services Addition,
Las Cruces NM – LEED NC 2013

IAIA Science and Technology Center,
Santa Fe NM – LEED NC 2012

IAIA Sculpture and Foundry Building,
Santa Fe NM – LEED NC 2012

UNM Dental Clinic, Albuquerque NM – LEED CI 2012

UNM School of Digital Media,
Albuquerque NM – LEED CI 2012

UNM Clinical Neuroscience Core, Albuquerque
NM – LEED for Commercial Interiors 2015

UNM Zimmerman Library, Albuquerque NM
– LEED for Commercial Interiors 2015

University of Phoenix, Albuquerque NM – LEED EB 2014

NMSU Gardiner Hall, Las Cruces NM – LEED NC 2011

NMIMT Children's Center, Socorro
NM – LEED for Schools

NMIMT Student Dormitory, Socorro NM – LEED NC

NMSU Grants Library Renovation, Grants NM – LEED CI

CNM A Building, Albuquerque NM – LEED NC

CCC Allied Health, Clovis NM – LEED NC

CNM SV-2 Classroom & Administration
Building – LEED CI registered

CNM Smith Brasher Hall – LEED NC registered

UNM Anderson School of Business
– LEED NC registered

Environmental Dynamics – Studio.e,
Albuquerque, NM – LEED EB 2010

Cognitive Behavioral Institute,
Albuquerque NM – LEED NC 2009

Masthead Office Building, Albuquerque,
NM – LEED NC 2015

Environmental Dynamics – Studio.e,
Albuquerque, NM – LEED NC 2007

Gerald A. Martin Office, Albuquerque
NM – LEED NC 2013

Alameda Office Building, Albuquerque
NM – LEED CS 2011

Molina Data Center, Albuquerque NM – LEED NC 2010

Fort Lewis College, Berndt Hall, – LEED NC registered

SISD Congressman Silvestre School, El
Paso TX – LEED for Schools 2011

First Green Bank Headquarters,
Eustis FL – LEED NC 2012

RTJA Crownpoint Office Building,
Crownpoint NM – LEED NC 2013

SSCAFCA, Rio Rancho NM – LEED NC 2011

North Domingo Baca Multi-Cultural Center,
Albuquerque NM – LEED NC 2012

Public Employees Retirement Agency,
Santa Fe NM – LEED NC 2011

USDOL Job Corps Dormitory,
Albuquerque NM – LEED NC 2008

Los Alamos County Eco Station, Los
Alamos NM – LEED NC 2010

Center for NM Archaeology, Santa Fe NM – LEED NC

J. Paul Taylor Center, Las Cruces NM – LEED NC

Manuel Lujan Sr. Building, Santa Fe NM – LEED NC

Southern Sandoval County Arroyo Flood Control
Authority, Rio Rancho NM – LEED EB

UPRR Strauss Yard Building, Santa
Teresa NM – LEED NC

East Mesa Public Safety Facility,
Las Cruces NM – LEED NC

NM State Veteran's Alzheimer's and Skilled
Nursing Facility, Las Cruces NM – LEED NC

Los Alamos County Teen Center,
Los Alamos NM – LEED NC

Cannon AFB Youth Services Center – LEED NC

Water Quality Lab, Las Cruces NM – LEED NC

Sandia National Laboratory Battery Test
Facility, Albuquerque NM – LEED NC

Sandia National Laboratory LEED Campus
Masterplan, Albuquerque NM

UNMH 1650 University – LEED CI Silver achieved

UNM Women's Clinic – LEED NC registered

UNMH Children's Psychiatric Center
– LEED NC registered

UNMH Adult Hospital – Sustainability Masterplan

Carl Daniel Architects Office, El
Paso, TX – LEED NC 2015

Marina Village, Boynton Beach FL – LEED CI 2010

The Chefs' Warehouse, Las Vegas NV – LEED NC 2015

El Paso Citizen and Immigration
Services, El Paso TX – LEED CI

CDA Office Building, El Paso TX – LEED NC

Brandsmart Retail Stores, Gwinette
County GA – LEED NC

Fedex Facility, Burbank CA – LEED NC

Fire Station No. 31, El Paso TX – LEED NC 2013

Lawton Indian Hospital Clinic Addition,
Lawton OK – LEED NC 2005

El Paso County Youth Services
Center, El Paso TX – LEED NC

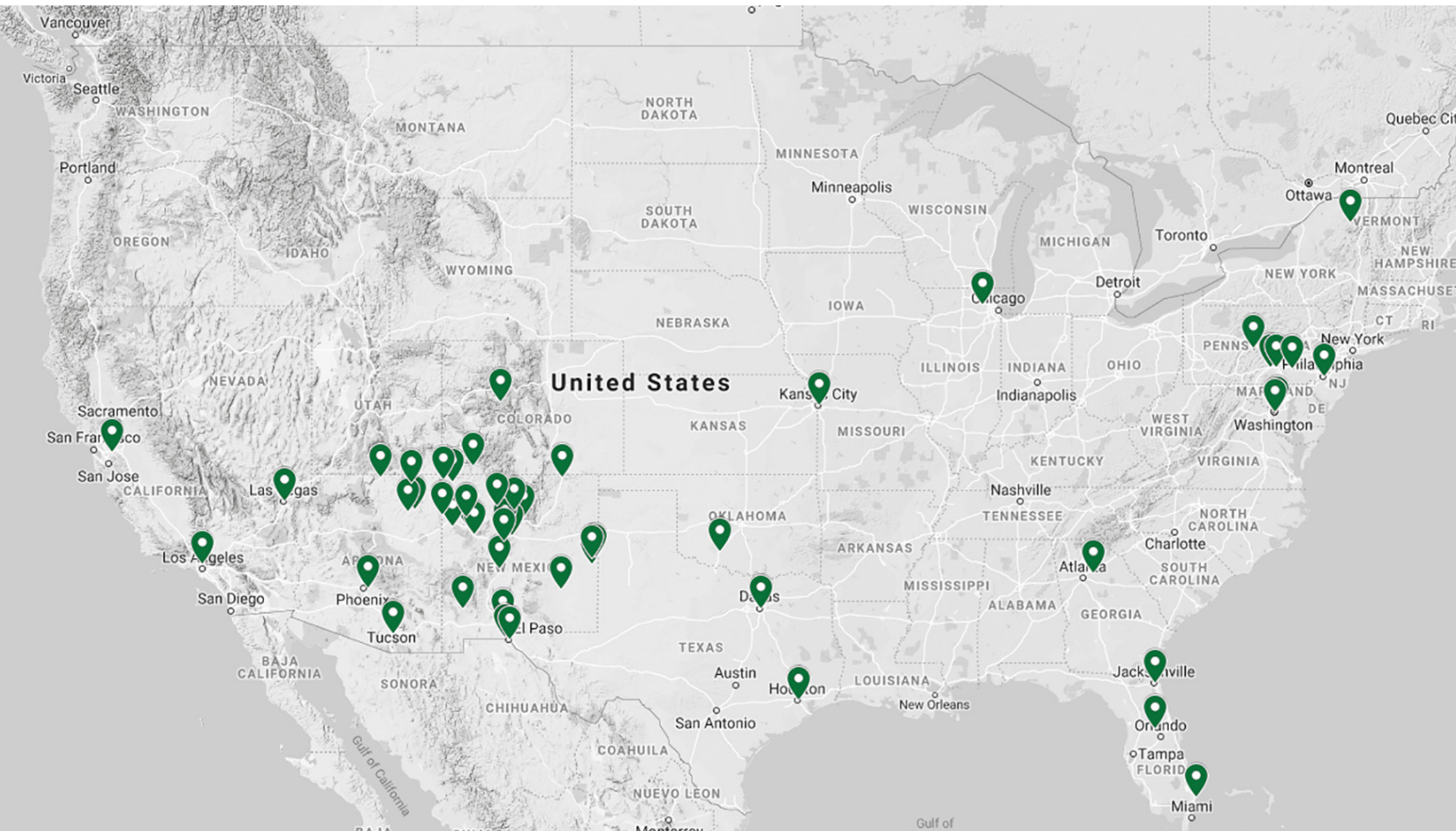
El Paso 9.1.1. Facility, El Paso TX – LEED NC

Verdacity is a sustainability consulting firm that helps bring high-performance buildings to life through innovative approaches to energy, water, and resource conservation, as well as interventions that support occupant wellness.

Verdacity's extensive portfolio features many firsts in green building history (including the first LEED certified building in New Mexico) and groundbreaking implementation of the latest social, health, and building science frameworks.



GUIDING PRINCIPLES
COMPLIANCE
PROFESSIONAL



Verdacity has assisted clients from coast to coast achieve their sustainability goals and meet their local green building mandates.

Verdacity's unique approach elicits the very best from everyone involved in a project to grow our collective knowledge.



OUR PHILOSOPHY

Verdacity is passionate about the environment and is conscious of the impact buildings have on their surroundings. They strive every day to have a positive influence on the people they team with, and projects they contribute to, with the goal of creating exceptional value for their clients and a more sustainable world. Verdacity does this by identifying opportunities with the greatest impact and creating an action plan to prioritize sustainable efforts which will reduce energy consumption, improve occupant health and productivity, and increase building asset value.

*Christopher G. Carian
Former Architect, Project Manager
University of New Mexico*

VERDACITY is committed to facilitating creative ways for buildings to accomplish the same functions with limited resources so that our community, and society as a whole, can continue to prosper on this planet.

SUPPORTING HEALTH & WELLNESS

VERDACITY'S contribution to the built environment begins with establishing metrics for building performance, occupant wellness, and ecological health. In the process, we make complex concepts approachable, overcome cultural obstacles to change, and prepare guidelines for projects using environmentally sound principles. We use accepted industry standards endorsed by the Federal Government, Green Globes, WELL, and LEED to provide benchmarks for performance assessments and as reporting mechanisms to document progress.

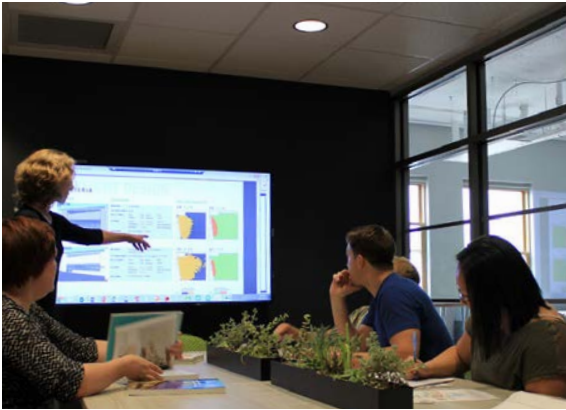
Our team is trained to locate leading research in the areas of building design and occupant health and interpret such that our clients can easily apply the most meaningful measures to the design, construction, and operation of their buildings. Clients rely upon us to track lasting trends that enable the success of their projects.

GUIDING INSTITUTIONAL CHANGE

Among our list of clients are institutions with large building portfolios, and/or multiple campuses, that use significant resources to maintain and develop. These organizations are looking not only to comply with sustainability mandates and regulations, but to improve the health and wellbeing of their employees, and communicate marketable performance data.

VERDACITY has assisted school districts, university campuses, municipalities, and federal agencies with the development of their own sustainable construction guidelines. With our guidance, our clients have implemented effective, compliant energy management systems, are able to communicate conservation efforts on multiple levels, and have created their own cultures of sustainability.

The work that **VERDACITY** does every day supports our industry peers in becoming aware of the consequences of their choices and enables them to make informed decisions. By evaluating alternative scenarios, we give project teams information they can confidently rely upon that enables our industry to adapt over time.



With such a diverse subject I found [the class] to be well-managed, informative, as well as entertaining. It was not over-complicated, it was direct and to the point where the information could be easily assimilated. I found it on all levels to be up to date, informative, and well presented.

*Edward Preston, Navajo Nation
Design & Engineering Services
Class Participant, "Understanding
the LEEDv4 NC Rating System"*

A TRULY INTEGRATIVE DESIGN PROCESS

At **VERDACITY**, we have a signature approach to integrative design that's inspired by nature's synergistic processes. **We believe collaboration is the best way to move the sustainability conversation forward and spark change across our industry.**

Unlike a siloed process where connections could be missed or vital contributors left out, our collaborative learning model empowers everyone to feel comfortable sharing ideas about everything from conserving energy to reducing the harmful effects of building materials. As a result, project teams can uncover new opportunities for even better outcomes, and their goals can become even bolder.

COMMUNITY RESOURCE

VERDACITY believes in the power of teaching. This is fundamental to our practice. Every moment is a teachable moment. Every evaluation we do, every time we communicate with a client (be it formal or informal) is an opportunity for open discourse and growth. **Our firm was founded on educating our peers on what's possible by embracing sustainable design and construction practices.** Everyone has something to contribute. Our role is to create the space for a different type of conversation to happen.

We share information so that the industry can rise together as a whole. We believe that being generous with our knowledge brings abundance back to us, and that makes everyone better for it. We are grateful for the opportunities that all of our clients give us so that we can continue to learn and grow alongside this ever-changing industry.

CORE SERVICES

From the company's inception, they have positioned themselves — and today still remain — at the forefront of sustainability expertise and strategy. When APS has a question or need regarding sustainability, Verdacity is the first and last place we turn.

Tony Sparks
Staff Project Manager
Albuquerque Public Schools
(One of the top 40 largest districts in the country)

At **VERDACITY**, we have a signature approach to integrative design that's inspired by nature's synergistic processes. **Partnering with us means knowing that everyone on your team will be treated as a valuable contributor**, and that we'll all be learning from and challenging each other along the journey.

No matter how big the vision, Verdacity's approach to sustainability consulting can help you:

- **DISCOVER** your goals and identify trailblazing opportunities to build smarter
- **ANALYZE** technical data to thoughtfully guide your building design and construction
- **VALIDATE** that your building meets regulatory and third party certification requirements

SUSTAINABILITY MASTER PLANNING

VERDACITY specializes in assisting institutional owners with establishing and achieving objectives for sustainable building design, construction, and operation. By evaluating current conditions, establishing benchmarks, and documenting performance over time, organizational priorities and values can be demonstrated and directives met. Our team supports the establishment and management of sustainability metrics including energy efficiency, water conservation, material toxicity, daylighting design, and whole building life cycle analysis. We assist in developing and implementing operational plans such as environmental purchasing, green cleaning, material life cycle assessment, and occupant health and wellness. Green Globes, Federal Guiding Principles, and LEED certifications, among other metrics, are supported by engaging in these activities during all phases of a project, from programmatic conception through occupancy.

As the effects of climate change become more prevalent, assessing the vulnerability of an organization to related risks is an increasingly important operational priority. Verdacity assists with determining specific risks, analyzing the cost/benefit of various strategies, and helps you prioritize implementation.

Organizations that operate as leaders in their industry and in their communities **meet and exceed sustainability mandates and regulations, improve the health and wellbeing of their building occupants, and communicate educational and marketable performance data.**

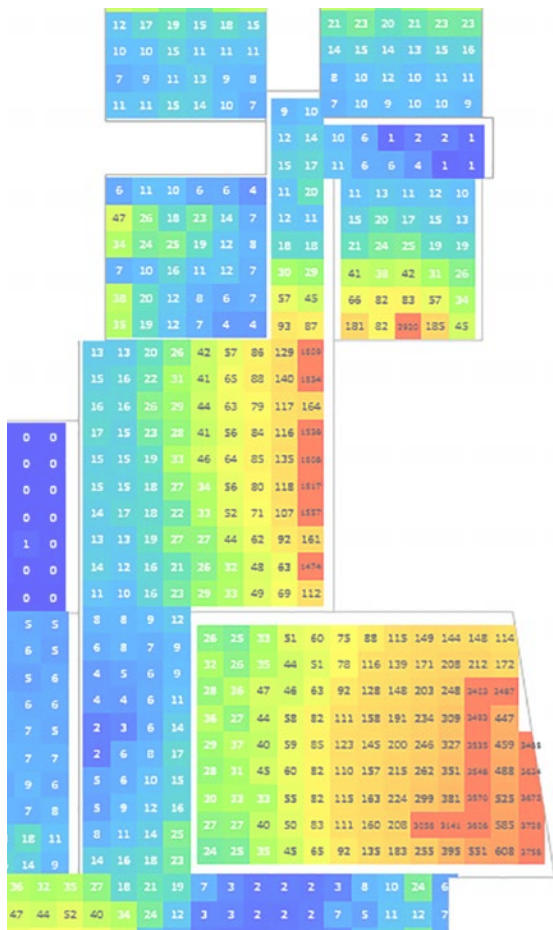
KEY PLANNING ACTIVITIES

- Conduct Gap Analyses to benchmark performance, identify areas of need, and develop work plans.
- Perform crosswalk studies to reference and reconcile existing organizational policies.
- Conduct work sessions that identify shared priorities, establish planning parameters, recognize perceived challenges, and inspire participants.
- Apply Fitwel, LEED, or other rating systems as a metric to document performance on large scale projects.
- Create reports and tools customized for various personnel (facilities, employee health services, planning, maintenance, energy management, communications).
- Create resource(s) for locating and utilizing complex and multi-departmental information.
- Provide materials that convey organizational concepts and distinguish sustainability accomplishments for educational, public outreach, and marketing purposes.

CORE SERVICES

The early modeling and analysis that they have provided us has given us significant information to help guide design thinking early in the project. This input continued as the design progressed, allowing us to make smarter decisions as we refined the design.

Michael Tingley
Principal
BORA Architects



Verdacity takes sustainability consulting beyond off-the-shelf solutions and seeks out technology leaders in our field to enhance our client services.

INTEGRATIVE DESIGN

Verdacity works with architects and engineers to study how climate specific conditions inform building massing, systems selection, and occupant comfort. Our analysts provide input that helps buildings achieve daylight autonomy, energy independence, and carbon neutrality. We become a key part of your team as the design evolves, and follow it through to completion to affirm that best intentions are met.

We provide data that links site-specific conditions with design intentions. Our work establishes the framework for buildings to function well prior to selection of mechanical and electrical systems.

Climate & Human Comfort Analysis

We identify climate conditions that influence your building occupants' health and comfort by:

- Conducting studies on how various building forms perform in your climate.
- Presenting the most current and relevant research for your project goals.
- Providing technical assistance for implementing recommended strategies.

Technical Analyses

We inform the selection of building systems with:

- Daylight design
- Energy modeling
- Water use assessment
- Building material life cycle assessment & carbon accounting
- Site & climate assessment
- Quality assurance for building envelope systems
- Occupant health and wellness evaluation

Green Building Certification

We guide design decisions and document achievements for you using metrics for:

- LEED Rating System
- Green Globes
- Federal Guiding Principles for High-Performance Buildings
- Fitwel Rating System
- Living Building Challenge
- SITES Rating System

CORE SERVICES



27% global warming footprint

HIGH IMPACT ASSOCIATIONS:

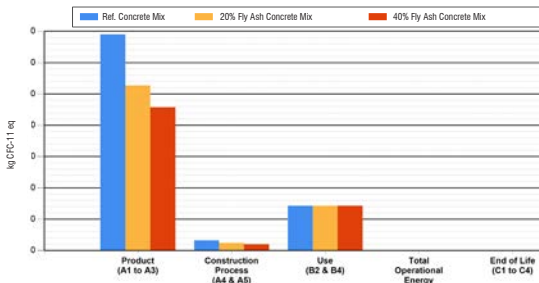
Concrete mix & additives

RECOMMENDATIONS:

Replace portion of Concrete mix with Fly Ash for significantly reduced impact.

Material	Unit	Relative Impact
Reference	kg CFC-11 eq	100%
+ 20% Fly Ash	kg CFC-11 eq	80%
+ 40% Fly Ash	kg CFC-11 eq	72%

Table 9



Verdacity's innovative material lifecycle impact assessment clearly communicates a project's long-term environmental impact to the design team.

SUSTAINABLE CONSTRUCTION CONSULTING

VERDACITY'S construction consulting services include coordination of sustainable requirements with the client and associated construction phase activities. **We aid the parties involved in the pre-construction, construction, and close out phases of a project pursuing certification in identifying and clarifying products and documents early on that are vital to this process.**

Identifying milestones, areas of special requirements, lines of communication, submittal processes, and the goals and objectives of the project early on can ensure the success of certification. These include **air quality management, flush out calculations/procedures, construction waste tracking, erosion control activity tracking, material selection, and plan development.**

We are available to attend site visits and provide monthly LEED Progress Reports. These reports are typically concurrent with each Pay Application and are necessary to provide the appointed LEED Accredited Professional of Record with the project progress and real-time material compliance.

We recommend products and procedures that support human and ecological health by:

- Developing and coordinating Construction Waste Diversion and Indoor Air Quality Management Plans.
- Reviewing material submittals for environmental and human health effects.
- Streamlining the documentation of material impacts using customized software.
- Preparing certification templates and uploading supporting documentation.

Life Cycle Impact Analysis

VERDACITY works with project teams to understand the effect of their design and material selections on the environment. Using accepted industry databases and modeling software, Verdacity evaluates projects and provides recommendations that help designers and building owners make smarter decisions. Our reports are used to document compliance with LEED version 4 and beyond, and to support corporate and institutional sustainability plans.

Verdacity's team has incredible knowledge in all aspects of [sustainability], from project inception all the way through construction. They continually prove to be an integral part of any project's success that they are involved in. We have the utmost respect for all of the Verdacity team members and value every project we have the fortune of working on together.

*Zach Thompson
Thompson Construction, Inc.*

THE TEAM

KRIS CALLORI, FOUNDER & PRINCIPAL



Kris is an Architect, LEED Fellow, GPC Fellow, WELL AP, Fitwel Ambassador, Biomimicry Specialist, Building Enclosure Commissioning Provider, and Founder of Verdacity, LLC. She has been a registered architect since 1999, and a LEED AP since 2002. As a member of the first class of LEED Fellows, Kris has been recognized to convey established leadership, mentorship, advocacy and technical expertise in the green building industry. Her WELL and Fitwel credentials signify advanced knowledge in human health and wellness in the built environment. In 2017, Kris was appointed to the Health Leadership Network established by the Urban Land Institute where she participated in the development of framework that links human health outcomes with the design of the built environment. In 2018, Kris was honored as a Women of Influence by Albuquerque Business First, and in 2024 as a One Albuquerque Award recipient.

EDUCATION

- Building Enclosure Commissioning Process Provider, University of Wisconsin
- Master of Biomimicry, Arizona State University
- Bachelor of Architecture, The Catholic University of America

LICENSES & CERTIFICATIONS

- Architect – New Mexico 3470; Colorado 306006
- LEED Fellow 30274
- LEED AP BD+C; LEED AP ID+C; LEED AP EB+OM

- Guiding Principles Compliance Fellow
- WELL AP 0000000089
- Green Advantage Certified Practitioner
- Certified Biomimicry Specialist
- BECxP, CxA+BE
- ULI Health Leader
- Fitwel Ambassador
- AIA New Mexico Past President

THE TEAM



KARI FOURNIER, ASSOCIATE

As Verdacity's Business Development Manager, Kari provides strategic marketing guidance and business development support. She

is responsible for graphic communication with stakeholders and maintaining the company brand. Her primary focus is to communicate our passion and commitment to green building with potential clients, partners, and community leaders. She is a Fitwel Ambassador, and has been working in the design and marketing fields since 2006.

EDUCATION

- Associate of Arts, Visual Design & Communication, Collins College

LICENSES & CERTIFICATIONS

- Fitwel Ambassador



KEVIN HARRIS, ASSOCIATE

Kevin is a LEED AP BD+C and Verdacity's Director of Technical Services, providing daylight modeling, energy modeling, and building life cycle material

assessments. His wide range of analytical skills provides accurate and up-to-date assessment data. He received a Master of Architecture degree in 2014 and has been working in the field of design and construction for nine years.

EDUCATION

- Master of Architecture, University of New Mexico
- Bachelor of Science in Architecture, Texas Tech University

LICENSES & CERTIFICATIONS

- LEED AP BD+C
- Associate AIA



HUANG BANH, ASSOCIATE

Huang is a LEED AP BD+C, GPCP, and Director of Design Services. His expertise in green building project management, green criteria for rating systems, energy analysis, and developing strategies for meeting high-performance benchmarks provides a solid foundation for working with clients to achieve their goals. Huang has been working in the field of design and construction for nine years. He serves as co-chair for the AIA's Committee on the Environment & CKLPD program.

EDUCATION

- Master of Architecture, University of New Mexico
- Bachelor of Arts in Architecture, University of New Mexico

LICENSES & CERTIFICATIONS

- LEED AP BD+C
- Guiding Principles Compliance Professional
- NCARB #690957
- Associate AIA

THE TEAM



IFREET RAHIMA, PROJECT MANAGER

Ifreet is a LEED AP BD+C, GGP, and Project Manager providing technical assistance with a range of green building certifications, including LEED and Green

Globes. She received a Master of Architecture degree in 2018 and has been working in the field of design and construction for over nine years.

EDUCATION

- Master of Architecture, University of New Mexico
- Bachelor of Architecture, BRAC University Bangladesh

LICENSES & CERTIFICATIONS

- LEED AP BD+C
- Green Globes Professional
- Associate AIA
- NCARB #844113
- Associate Member of Institute of Architects Bangladesh, IAB, CR-209



RYAN JARAMILLO, TECHNICAL SPECIALIST

Ryan is a Technical Specialist at Verdacity, working primarily with our Design Services team. He received a Master of Architecture

degree from the University of New Mexico, and has a background in fine art & custom fabrication, and solar photovoltaic design.

EDUCATION

- Master of Architecture, University of New Mexico
- Bachelor of Fine Arts, Kansas City Art Institute
- NABCEP Solar Design Professional Training

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