

VERDACITY

Where brilliant buildings come naturally.

Qualifications and Team Introduction
2022

Over 145 projects.

Over 75 LEED Certifications.

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

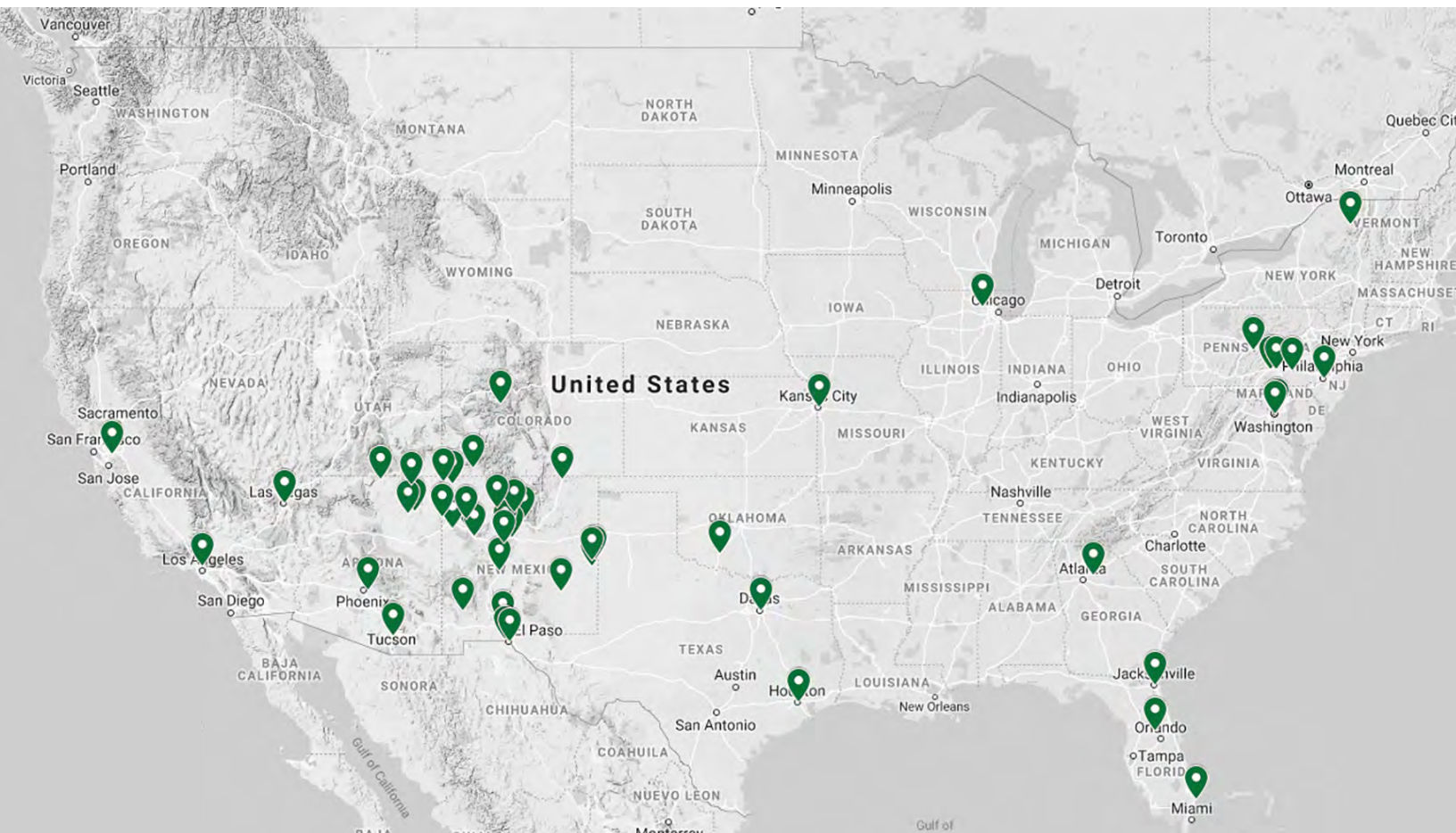
Albuquerque NM – LEED for Schools 2011
APS Eisenhower Gymnasium, Albuquerque NM – LEED NC 2012
PMS Lindsey-Steiner Elementary School, Portales NM – LEED for Schools 2012
SFPS Amy Biehl at Rancho Viejo Community School, Santa Fe NM – LEED for Schools 2012
COA Thomas Bell Gymnasium, Albuquerque NM – LEED 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'Ay 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

Albuquerque NM – LEED for Schools
Bread Springs 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

NTUA 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 9.11. 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.



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
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.

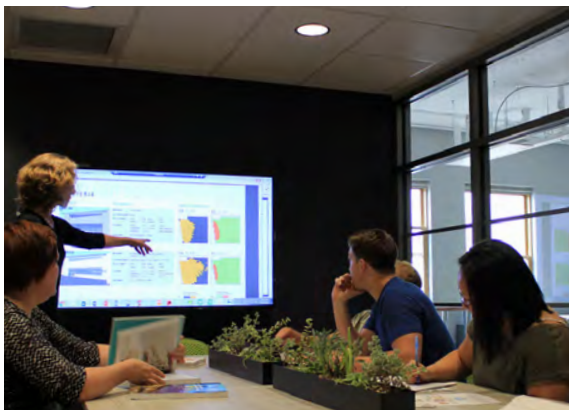
Our team is trained to locate leading research in the areas of building design and occupant health and interpret such that our clients can easily apply the most meaningful measures to the design, construction, and operation of their buildings. Clients rely upon us to track lasting trends that enable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

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.

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.

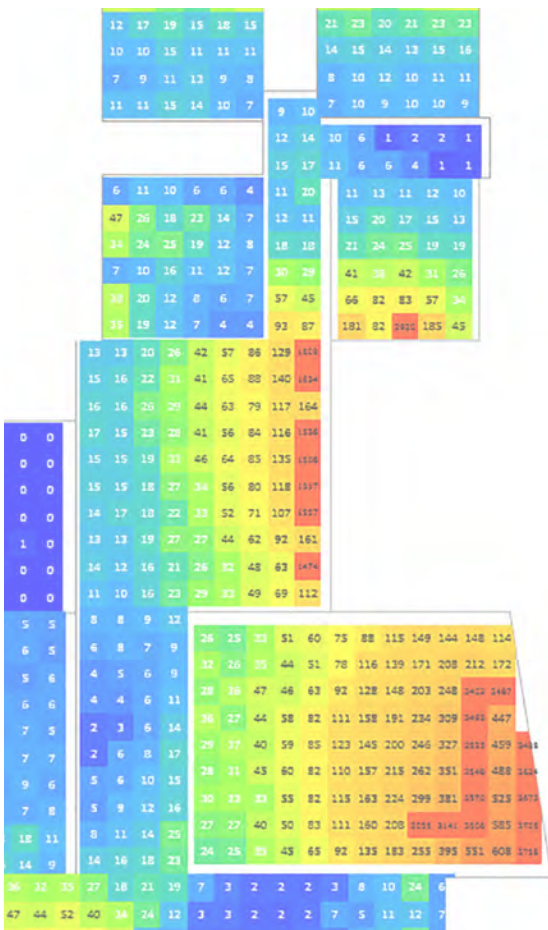
As the effects of climate change become more prevalent, assessing the vulnerability of an organization to related risks is an increasingly important operational priority. Verdacity assists with determining specific risks, analyzing the cost/benefit of various strategies, and helps you prioritize implementation.

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.**

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

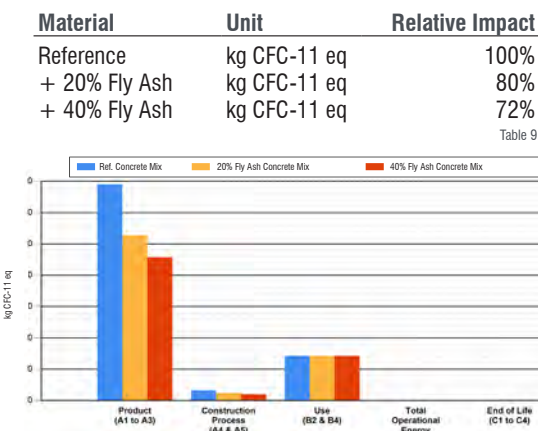
CORE SERVICES



27% global warming footprint

HIGH IMPACT ASSOCIATIONS:
Concrete mix & additives

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



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 LEED 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 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, VERDACITY FOUNDER & PRINCIPAL



Kris is an Architect, LEED Fellow, USGBC Faculty, GPCP, 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.

EDUCATION

- Master of Biomimicry, Arizona State University, 2017
- Bachelor of Architecture, The Catholic University of America, 1994

LICENSES & CERTIFICATIONS

- Architect – New Mexico 3470; Texas 25387; Colorado 306006
- LEED Fellow 30274

- LEED AP BD+C; LEED AP ID+C; LEED AP EB+OM
- WELL AP 0000000089
- Guiding Principles Compliance Professional
- Green Advantage Certified Practitioner
- Certified Biomimicry Specialist
- BECxP, CxA+BE
- ULI Health Leader
- Fitwel Ambassador



JOSH WISHART, PRINCIPAL

Josh is a Principal Architect and LEED AP BD+C with Verdacity. He has been working in the field of architecture for over 20 years and has been a LEED AP since

2011. Josh's keen understanding of trade disciplines and astute attention to detail aids in his facilitation of LEED compliance during the construction phase.

EDUCATION

- Master of Architecture, University of New Mexico, 2016
- Bachelor of Arts in Architecture, The University of New Mexico, 2014

LICENSES & CERTIFICATIONS

- Architect - New Mexico 5864
- NCARB #95602
- LEED AP BD+C
- BECxP, CxA+BE
- Construction Documents Technologist (CDT)
- Construction Specifications Institute Member
- AIA Albuquerque Chapter Board Member
- AGC-NM Board Member



NOREEN RICHARDS, SENIOR ASSOCIATE

Noreen is a Registered Architect, LEED Fellow, GPCP, and LEED AP BD+C with Verdacity. She has extensive experience in coordinating and integrating

building systems, regulatory and programmatic requirements, and other criteria to support performance, efficiency, and health. Her 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.

EDUCATION

- Master of Architecture, University of New Mexico, 2006

LICENSES & CERTIFICATIONS

- Architect - New Mexico 5020
- LEED Fellow
- LEED AP BD+C
- Guiding Principles Compliance Professional
- Fitwel Ambassador

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 has been working in the design and marketing fields for 13 years and is a Fitwel Ambassador.

EDUCATION

- Associate of Arts, Visual Design & Communication, Collins College, 2004

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 seven years.

EDUCATION

- Master of Architecture, University of New Mexico, 2014
- Bachelor of Science in Architecture, Texas Tech University, 2010

LICENSES & CERTIFICATIONS

- LEED AP BD+C
- AIA Associate Member



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 six years. He is an instructor at the University of New Mexico and serves on the AIA's Committee on the Environment.

EDUCATION

- Master of Architecture, University of New Mexico, 2016
- Bachelor of Arts in Architecture, University of New Mexico, 2014

LICENSES & CERTIFICATIONS

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



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 7 years. She currently serves as adjunct faculty at the University of New Mexico's School of Architecture and Planning.

EDUCATION

- Master of Architecture, University of New Mexico, 2018
- Bachelor of Architecture, BRAC University Bangladesh, 2014

LICENSES & CERTIFICATIONS

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

THE TEAM



AIMEE SMITH, PROJECT MANAGER

Aimee is a LEED AP BD+C, Fitwel Ambassador, and Project Manager with Verdacity, LLC. She has extensive experience in sustainable design, rating

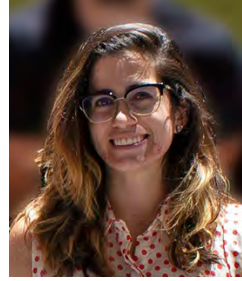
system compliance, and green building advocacy. Aimee has a Bachelor of Arts in Architecture and has been working in the field of design and construction for over seven years.

EDUCATION

- Bachelor of Arts in Architecture, Kansas State University, 2008

LICENSES & CERTIFICATIONS

- LEED AP BD+C
- Fitwel Ambassador



JULIANNA MOLLICA, TECHNICAL SPECIALIST

Julianna is a LEED AP BD+C, Fitwel Ambassador, and intern architect with Verdacity, LLC. Julianna received a Master of

Architecture degree in 2020 and has been working in the field of design and construction for four years.

EDUCATION

- Master of Architecture, University of New Mexico, 2020
- Bachelor of Science in Neuroscience, University of Pittsburgh, 2014

LICENSES & CERTIFICATIONS

- LEED AP BD+C
- Fitwel Ambassador

PROFESSIONAL AFFILIATIONS

- Women in Design: NM, Board Member
- IIDA Southwest Chapter, Student Member

VERDACITY

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