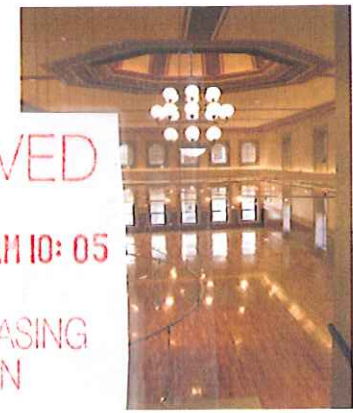
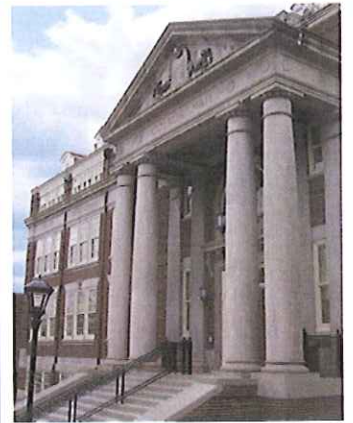
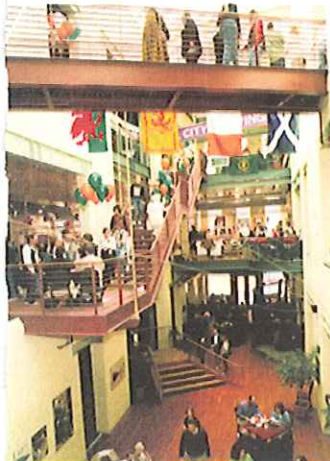


# WEST VIRGINIA DEPARTMENT OF HEALTH AND HUMAN RESOURCES

## New Patient Care Unit at William R. Sharpe Jr. Hospital WSH12067

October 27, 2011  
1:30 PM



**McKINLEY & ASSOCIATES**  
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

*in association with:*

**EWING  
COLE**

RECEIVED

2011 OCT 27 AM 10:05

WV PURCHASING  
DIVISION



October 26, 2011

Roberta Wagner  
Purchasing Division  
2019 Washington Street, East  
Building 15  
Charleston, WV 25305-0130

Dear Ms. Wagner and Members of the Selection Committee;


**What a great opportunity for the William R. Sharpe Jr. Hospital!** McKinley & Associates and EwingCole (McKinley/EwingCole) have teamed up to provide the West Virginia Department of Health and Human Resources with our Expression of Interest for Architectural Consulting and Architectural & Engineering services for the design of a new 27,000 +/- square-foot 50 bed patient care unit at the William R. Sharpe, Jr. Hospital in Weston, WV.

McKinley & Associates has been providing design services since 1981. With offices in Wheeling WV, Charleston WV, and Washington PA, McKinley & Associates supports a professional staff of 37 that includes Architects; mechanical, electrical, plumbing/life safety Engineers (MEP Engineers); as well as Construction Administration services and a Certified Interior Design Department. We have 4 LEED Accredited Professionals (LEED APs) on staff, in both the architectural and engineering fields, which will all be utilized to incorporate "Green" aspects into the renovations.

Your project will be led by **Gregg P. Dorfner, AIA**, our **Director of Architecture**, who was the original architect when the facility was built in 1994. Mr. Dorfner brings to this project 37 years of architectural experience including his first-hand knowledge of your project. We understand the specialized needs of the health care facilities with forensic psychiatric operational issues, and that is why we are bringing in **EwingCole**, a nationally recognized consultant. They have been in practice for 50 years, and are a fully integrated architecture, engineering, interior design, and planning firm of more than 350 professionals. Healthcare design represents the core of their practice. Some of their local experience in the design of mental health inpatient and outpatient facilities includes Kidspeace Orchard Hills Campus, Pediatric Psychiatric Hospital (Orefield, PA), Lehigh Valley Health Network, Muhlenberg Campus, Psychiatric Unit (Bethlehem, PA), and the US Department of Veterans Affairs, Medical Center Renovation (Lebanon, PA). These three projects alone represent 218 adult and adolescent beds.

In closing, I would like to mention our team is ready to begin immediately. In this current construction environment, we understand the importance of getting your project to bid so that we can take advantage of this favorable market. With the Team we have assembled, we are ready to commit to the design time that was outlined in your Expression of Interest. We are committed to each of our projects and encourage you to check with our references. Most of our clients are repeat, which is a good indication of the services we provide. We have been involved with numerous projects that required an aggressive schedule and we have never failed. We know we can provide you with a successful project and are very excited about the possibility of building a long-lasting relationship with you. Thank you for reviewing our submission and considering McKinley/EwingCole for your proposed project.

Sincerely,

  
Ernest Dellatorre  
McKinley & Associates



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER
WSH12067

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
ROBERTA WAGNER 304-558-0067

VENDOR	RFQ COPY
	TYPE NAME/ADDRESS HERE
	* 709060537
	McKinley & Associates
	The Maxwell Centre / Suite 100 32 Twentieth Street Wheeling, WV 26003

SHIP TO	HEALTH AND HUMAN RESOURCES
	OFFICE OF PROPERTY MANAGEMENT
	VARIOUS LOCALES AS INDICATED

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
09/23/2011				

BID OPENING DATE: 10/27/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		EOI		
<p>A&amp;E SERVICES FOR 50 BED EXPANSION AT SHARPE HOSPITAL</p> <p>EXPRESSION OF INTEREST (EOI)</p> <p>PROFESSIONAL ARCHITECTURAL/ENGINEERING SERVICES</p> <p>THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF HEALTH AND HUMAN RESOURCES, IS SOLICITING EXPRESSIONS OF INTEREST TO PROVIDE ARCHITECTURAL CONSULTING AND ARCHITECTURAL &amp; ENGINEERING SERVICES FOR THE DESIGN OF A NEW 27,000 +/- SQUARE-FOOT 50 BED PATIENT CARE UNIT AT THE WILLIAM R. SHAPRE, JR. HOSPITAL IN WESTON, WV. PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO ROBERTA WAGNER VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS EOI, VIA FAX AT 304-558-4115, OR VIA EMAIL AT ROBERTA.A.WAGNER@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 10/11/2011 AT THE CLOSE OF BUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Ernest Dellata</i>	TELEPHONE (304) 233-0140	DATE 10/25/2011
TITLE Dir. Business Development	FEIN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia  
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<p>SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED EOI MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          BUILDING 15          2019 WASHINGTON STREET, EAST          CHARLESTON, WV 25305-0130</p> <p>PLEASE NOTE 3 (THREE) CONVENIENCE COPIES WILL BE APPRECIATED.</p> <p>THE EOI SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE EOI MAY NOT BE CONSIDERED:</p> <p>SEALED PROPOSAL</p> <p>BUYER: ROBERTA WAGNER-FILE 22</p> <p>EOI. NO.: WSH12067</p> <p>EOI OPENING DATE: 10/27/2011</p> <p>EOI OPENING TIME: 1:30 PM</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE (304) 233-0140	DATE 10/25/2011
TITLE Dir. Business Development	FEIN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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SHIP TO
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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR EOI: ----- 304-233-4613 ----- CONTACT PERSON (PLEASE PRINT CLEARLY): ----- Ernest Dellatorre -----						
***** THIS IS THE END OF RFQ WSH12067 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Ernest Dellatorre</i>	TELEPHONE (304) 233-0140	DATE 10/25/2011
TITLE Dir. Business Development	FEIN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
1. QUESTIONS AND ANSWERS ARE ATTACHED.						
2. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.						
EXHIBIT 10						
REQUISITION NO.: WSH12067						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NO.'S:						
NO. 1 .. <input checked="" type="checkbox"/> .....						
NO. 2 .....						
NO. 3 .....						
NO. 4 .....						
NO. 5 .....						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Justin E. [Signature]</i>	TELEPHONE (304) 233-0140	DATE 10/25/2011
TITLE Dir. Business Development	FEIN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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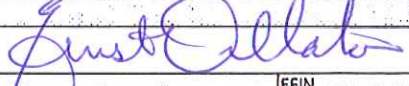
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10/13/2011				

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">             SIGNATURE            McKinley &amp; Associates            COMPANY            10/25/2011            DATE         </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p style="text-align: center;">END OF ADDENDUM NO. 1</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE 	TELEPHONE (304) 233-0140	DATE 10/25/2011
TITLE Dir. Business Development	FEIN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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LINE	QUANTITY	UOP	QAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
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A&E SERVICES FOR 50 BED EXPANSION AT SHARPE HOSPITAL						
***** THIS IS THE END OF RFQ WSH12067 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Lynn D. Allard</i>	TELEPHONE (304) 233-0140	DATE 10/25/2011
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TITLE Dir. Business Development	FEIN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE
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## WSH12067 ADDENDUM #1

1. Question:  
Will there be a reward for early completion?  
Response: No, there is no reward for early completion.
  
2. Question:  
Where in the EOI does it identify the type of contract to be used?  
Response:  
While not specifically identified in the EOI, the contract will be a written Purchase Order for a firm, fixed not to exceed contract total.
  
3. Question:  
Can we schedule a site visit? With whom do we schedule?  
Response:  
No.
  
4. Question:  
Can we contact ZDS Design/Consulting. Who?  
Response:  
No.
  
5. Question:  
Is the previous study (s) available for review?  
Response:  
The previous study IS NOT available for review.
  
6. Question:  
Project Budget?  
Answer:  
We are not allowed to give the budget amount.
  
7. Question:  
Is purchasing considering multiple contracts?  
Response:  
We want only one contract.



RFQ No. WSH12067

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

**WITNESS THE FOLLOWING SIGNATURE**

Vendor's Name: McKinley & Associates

Authorized Signature: *[Signature]* Date: October 20, 2011

State of West Virginia

County of Ohio, to-wit:

Taken, subscribed, and sworn to before me this 20 day of October, 2011.

My Commission expires August 16, 2020.

AFFIX SEAL HERE

NOTARY PUBLIC *[Signature]*



## FIRM PROFILE

EwingCole, in practice for 50 years, is a nationally recognized, fully integrated architecture, engineering, interior design, and planning firm of 330 professionals with offices in Washington DC, Philadelphia, PA and Irvine, CA.

### FIRM HISTORY

Healthcare design represents the core of EwingCole's practice. At EwingCole, we believe good design promotes healing and reduces the cost of healthcare delivery. We create uplifting and encouraging experiences for patients and families because we understand the profound influence of environments upon health.

We work to reduce the cost of healthcare delivery through energy efficient design that enhances the performance of caregivers. Our experts invent new best healthcare practices with you.

Our healthcare portfolio includes a diverse collection of projects; we take great pride in the range of our work. Our firm has emerged as a leader in the design of:

- Acute Care Hospitals
- Ambulatory Care Centers
- Cancer Centers
- Diagnostic and Interventional Imaging/Radiology
- Campus Master Plans
- Specialty Medical Care Units such as Neurology
- Specialty Surgical Facilities
- Cardiac Treatment Centers
- Hospital Laboratories and Pharmacies
- Acute Care and Inpatient Bed Hospitals
- Maternal and Newborn Care
- Trauma/Emergency Departments
- Pediatric Hospitals and Departments
- Wellness Centers
- Medical Office Buildings

We are well recognized as experts in providing innovative solutions to healthcare design. This innovation is not possible without first developing a thorough understanding of the concepts that drive the delivery of modern healthcare services. We design for maximum efficiency and maximum appeal, contributing to a positive patient experience. From the time a patient arrives at the site, finds convenient parking and building access, and approaches their internal destination, a sense of comfort and support must be established through the environment. Simple wayfinding, centralized circulation, and careful



Rockingham Memorial Hospital,  
Harrisonburg, VA



Cooper University Hospital,  
Camden, NJ



Loma Linda Medical Center, Loma  
Linda, CA

## FIRM PROFILE

separation of patient and service areas all contribute to this positive environment.

Through our extensive experience in healthcare design, we have developed an understanding of a number of facility types. We have well-established relationships with many of our healthcare clients, and we have provided them with continuous service for more than a quarter century.

### OWNERSHIP OF FIRM

EwingCole is organized unlike most design firms: as an S Corporation with a six year term limit for the firm's CEO and President. After six years, these leaders return to the design of buildings for clients, bringing their experience in business management to the delivery of projects. The firm's new leaders bring fresh insights and innovations derived from the firm's practice to its business. This tradition of rotating firm leadership, started by Alec Ewing and Stan Cole, provides clients with hands-on leadership by seasoned partners, offers all employees continuing professional advancement and growth opportunities, and assures the firm of long-term flexibility and stability.

Our firm philosophy is one of broad ownership. Of our 330 professionals, 47 of our architects, engineers and interior designers are owners, all of whom work directly with clients on projects.

### AWARDS

EwingCole has been recognized for our commitment to design excellence. Acknowledgements in healthcare include:

#### 2011 Phillament Section Award

##### IESNA Philadelphia

Geisinger Health System - Hospital for Advanced Medicine  
Danville, PA

#### 2010 Best Healthcare Design Award

##### International Interior Design Association

##### PA / DE / NJ Chapter

AtlantiCare Health System  
Cancer Care Institute  
Egg Harbor, NJ

#### 2010 Award of Merit

##### Illuminating Engineering Society North America

##### Philadelphia Section

Cooper University Hospital  
Patient Care Pavilion  
Camden, NJ

"The moment a patient enters, the person who greets them is able to move each patient efficiently to his or her first appointment - whether it's a physician's office, chemotherapy or radiation therapy. So when you walk into the building, it's calm, comforting and peaceful."

Site Administrator

Memorial Sloan-Kettering  
Cancer Center

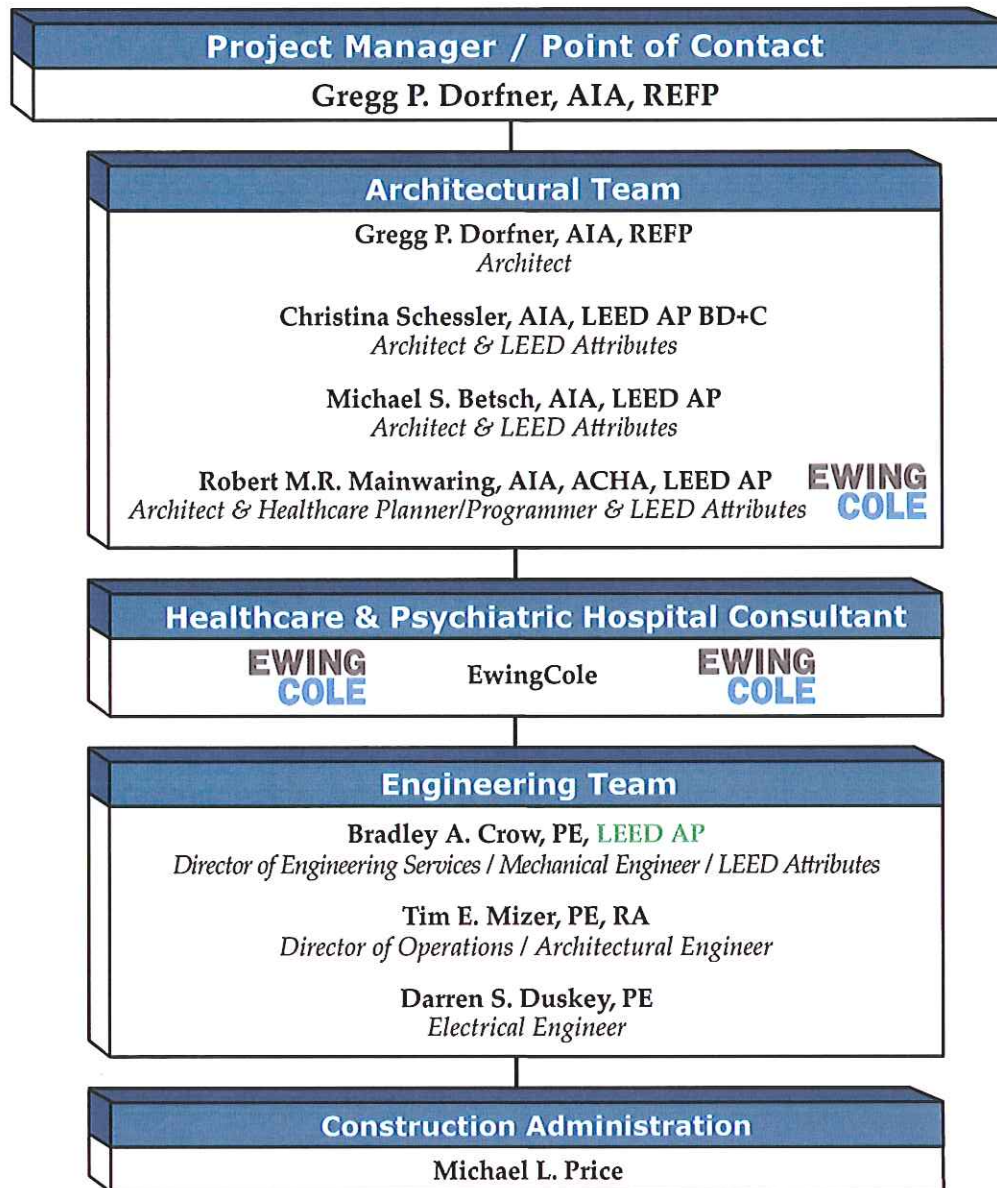


Memorial Sloan-Kettering Cancer Center, Basking Ridge, NJ



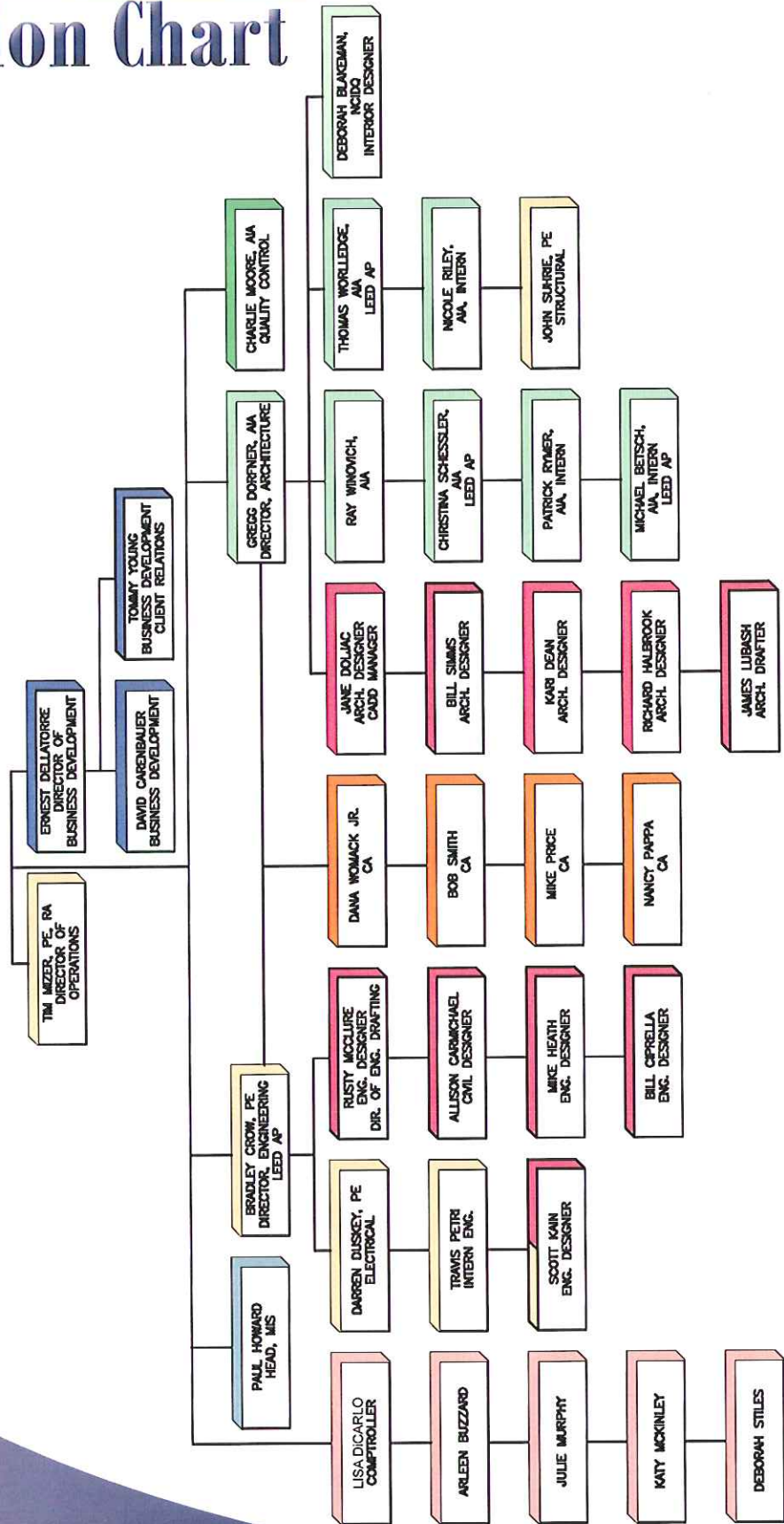
North Shore LIJ, Lake Success, NY

# Design Team



McKinley & Associates is willing to dedicate more Architects, Engineers, Interior Designers, LEED Accredited Professionals, and Construction Administrators if they are needed. There will also be architectural and engineering designers assigned to this project, whom are not listed on this sheet, but are seen in the Organizational Chart on the next page.

# Organization Chart



# Gregg P. Dorfner, AIA, REFP

## Director of Architectural Services

### Architect

#### EDUCATION:

Fairmont State College  
Associate of Science, Architectural  
Engineering Technology - 1974

Fairmont State College, School of Technology  
Regents Bachelor of Arts - 2000

#### PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

**Registered Architect in:**  
West Virginia, Pennsylvania, District of  
Columbia, & Ohio

**National Board Certification:**  
NCARB #36602

**Member:**  
The American Institute of Architects  
AIA West Virginia

**Arbitrator:**  
Panel of Construction Neutrals, American  
Arbitration Association

**Former Instructor:**  
Architectural Technology, Fairmont State College

#### PROFESSIONAL PLANNING AFFILIATIONS AND CERTIFICATIONS:

**Member:**  
The Council of Educational Facility Planners,  
Intl. (CEFPI)  
Recognized Educational Facility Professional  
(REFP)

#### PROFESSIONAL EMPLOYMENT:

McKinley & Associates  
Wheeling, WV (2001 to present)

Alpha Associates  
Morgantown, WV (1996-2001)

Self-Employed Consulting Architect  
Fairmont, WV (1995-1996)

Blackwood Associates  
Fairmont, WV (1974-  
1995)

#### SUMMARY OF EXPERIENCE:

Mr. Dorfner's 37 years of experience in the commercial, institutional and educational markets is broad-based, having worked on projects ranging in scope from convenience stores to psychiatric hospitals. His areas of specialized design include primary & secondary schools, medical & health care facilities, Comprehensive Educational Facility Plans, and multiple-unit housing developments. He has acquired an extensive knowledge and understanding of construction documents, professional practice, state building & fire codes, and building industry standards, as well as governmental guidelines & regulations. This expertise helps him develop effective and economical design solutions to many complex code-related and professional practice issues.

#### SELECTED EDUCATIONAL PROJECTS:

##### Project & Design Architect

Wm. R. Sharpe Hospital, WV Division of Health / Weston, WV\*

##### Coordination Architect

Hancock County Schools (\$56 million Bond)

##### Project Architect

New Cameron High School / Cameron, WV (127,000 SF)

##### Project Architect

New Chapmanville High School / Chapmanville, WV (135,000 SF)

##### Coordination Architect

Wood County Schools / Parkersburg, WV (\$63+ million)

##### Project Architect

New Oak Glen Middle School / New Manchester, WV (85,000 SF)

##### Project & Design Architect

Student Leader Housing Facilities, West Virginia University /  
Morgantown, WV\*

##### Project & Design Architect

Tomahawk Elementary, Berkeley County Schools / Weston, WV\*

##### Bond Planning Services

11 counties between 1981 and 2010

##### Comprehensive Educational Facilities Plans

20 counties for the 2000-2010 and the 2010-2020 plans

*\*previous work experience with a firm  
other than McKinley & Associates*



**McKINLEY & ASSOCIATES**  
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

# Christina Schessler, AIA, LEED AP BD+C



## Architect / LEED Accredited Professional

### EDUCATION:

The Pennsylvania State University  
Bachelor of Architecture - 1986

Savannah College of Art & Design (SCAD)  
Graduate Courses in Historic Preservation

### PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

#### Registered Architect in:

West Virginia  
Pennsylvania  
Ohio

#### NCARB Certificate - 2005

#### LEED® Accredited Professional

#### Member:

American Institute of Architects  
City of Wheeling - Building Codes Board  
of Appeals

#### Former Member, Board of Director, & Treasurer:

The Midwife Center for Birth & Women's  
Health / Pittsburgh, PA

### PROFESSIONAL EMPLOYMENT:

McKinley & Associates  
Wheeling, WV (2004 to present)

MacLachlan, Cornelius & Filoni Architects  
Pittsburgh, PA (1999-2004)

Perfido Weiskopf Architects  
Pittsburgh, PA (1996-1999)

T.L. Cox & Associates  
Beaver, PA (1990-1996)

Valentour English Bodnar Architects  
Mt. Lebanon, PA (1989-1990)

Kenny Williams & Williams Building  
Diagnostics  
Maple Glen, PA (1988)

### SUMMARY OF EXPERIENCE:

In the past 25 years, Ms. Schessler has obtained a wide range of educational, professional, liturgical, forensic, medical, residential and commercial project experience. She has had the opportunity to participate in the design of a few uncommon building types, such as funeral homes, fire fighting training centers and an animal research lab. Ms. Schessler is adept at developing space and utilization programs with Clients who are unfamiliar with the architectural design process. As a volunteer and as a professional, Ms. Schessler has developed several projects for non-profit agencies on limited budgets. Christina will also be able to provide direction to your projects should you wish to develop a design and document program that is intended to achieve **LEED Certification**.

### NOTABLE PROFESSIONAL EXPERIENCES:

#### Project Architect

Beaver Valley Burn Building site development\*

Valley Ambulance addition\*

Bethany College Health and Wellness Center, renovation\*

The Beaver County Medical Center, Women's Health Center\*

The Beaver County Medical Center, Rheumatology Expansion\*

New Hope Youth Home addition / Beaver, PA\*

Braxton County Senior Citizen Center

Wheeling Island Fire Station

WVU Fire Training Academy / Jackson's Mill, WV

Panhandle Cleaning & Restoration warehouse and office building

Grant County Schools / Multiple Projects

Braxton County High School (in association with Fairmont State University, as well as Fairmont Technical College)

WV Independence Hall

Steel Valley Regional Transit Authority roof

#### Architect

The Midwife Center for Birth & Women's Health, Birthing Suites / Pittsburgh, PA\* **(Non-Profit)**

Master Plan study for DePaul Institute for the hearing impaired\*

Indiana University of PA, Uhler Hall Additions and Renovations\*

#### Project Designer

United Cerebral Palsy Center, renovations and additions / Washington, PA\* **(Non-Profit)**

St. Clair Hospital, Woman's Breast Cancer Health Clinic

Children's Home of Pittsburgh, interior renovations\* **(Non-Profit)**

*\*previous work experience with a firm  
other than McKinley & Associates*



# Michael S. Betsch, AIA, LEED AP



## Architect / LEED Accredited Professional

### EDUCATION:

Drexel University (Philadelphia, PA)  
Bachelor of Architecture - 2007

Delaware Technical and Community College  
Associate, Architectural Engineering - 2000

### PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

**Registered Architect in:**  
West Virginia

**LEED® Accredited Professional**

### Member:

The American Institute of Architects  
U.S. Green Building Council

### PROFESSIONAL EMPLOYMENT:

McKinley & Associates  
Wheeling, WV (2008 to present)

Stantec Architecture  
Wilmington, DE; New York; and Vancouver  
(2007-2008)

The Breckstone Group  
Wilmington, DE (2006-2007)

Staikos Associates Architects  
Wilmington, DE (2000-2006)

### SUMMARY OF EXPERIENCE:

Mr. Betsch's project experience includes new construction as well as renovation of existing structures. Projects types include government, liturgical, private high security, educational, office, retail, institutional, residential, and historic preservation.

Mr. Betsch has proven success working with highly intricate project delivery scenarios such as phased renovations to active mission critical command and control centers, and modernization of highly publicized actively used government historical centers such as New York City's City Hall. With over 10 years of experience Mr. Betsch has had the opportunity to work for a varied group of clients in the US, Canada, and the Middle East. These clients have included Foreign Governments, Integrated Defense Providers, State and local governments, Historic Societies, Educational Providers, Public and Private Corporations, Condo Associations, and Private Home owners. As a **LEED® Accredited Professional** Mr. Betsch works to bring sustainable design solutions to work for the benefit of his clients and the community.

### NOTABLE PROFESSIONAL EXPERIENCES:

**Arkansas Emergency Operations Center / Little Rock, AR\***  
Programming, master planning, and design development  
documentation for this statewide emergency operations center

**Burnaby Mountain Sports and Medicine Center / Simon Fraser  
University in Vancouver, British Columbia\***  
Design charette for a new facility which includes a roof top soccer  
field, clinics, offices, a field house, retail, grocery store, and aquatic  
center with an Olympic sized swimming pool

**Pelleport Wellness Center / Wilmington, DE\***  
Schematic and design development for adaptive use of a historic  
carriage house for use as a wellness center with aquatic therapy suite

**Montgomery County Emergency Operations Center /  
Montgomery County, MD\***  
Programming, planning, design and contract documents for a 10,500  
SF multimedia operations theater for 45 responders with support  
spaces, media briefing, etc.

**Montgomery County Emergency Communications Center /  
Montgomery County, MD\***  
Programming, master planning, design and preparation of contract  
documents for a 57,000 SF emergency communications facility

**Connections / Smyrna, DE\***  
Renovation and expansion of a halfway house serving mentally  
challenged and addiction rehabilitation patients

*\*previous work experience with a firm  
other than McKinley & Associates*

# Bradley A. Crow, PE, LEED AP



## Director of Engineering Services

### Mechanical Engineer / LEED Accredited Professional

#### EDUCATION:

West Virginia Institute of Technology  
B.S. Mechanical Engineering

#### PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

##### Registered Engineering in:

West Virginia  
Maryland  
Pennsylvania

**LEED® Accredited Professional**

#### PROFESSIONAL EMPLOYMENT:

McKinley & Associates  
Director of Engineering  
Wheeling, WV (2005 to present)

BDA Engineering  
Design Engineer / Project Manager  
Pittsburgh, PA (2001-2005)

Tri-State Roofing  
Sales Engineer  
Davisville, West Virginia (2000-2001)

Ravenswood Polymers  
Site Engineer  
Ravenswood, West Virginia (1997-2000)

#### SUMMARY OF EXPERIENCE:

Mr. Crow is both a Professional Engineer and a **LEED Accredited Professional**, and has recently been appointed Director of Engineering Services at McKinley & Associates. His broad experience gives him the ability to understand and coordinate the various MEP systems within a buildings envelope in both new design and existing structures. He has headed numerous MEP projects for various building systems ranging from educational, commercial offices, retail, dormitories, and medical facilities. He has recently designed a Chilled Beam HVAC System for the Cameron Middle/High School Facility which will be the first of its kind in West Virginia.

#### NOTABLE PROFESSIONAL EXPERIENCES:

##### Mechanical Engineer

Southwest Cancer Institute Treatment Center (50,000 SF)\*

River Cancer Center / New Jersey\*

Illinois Cancer Center\*

Utah Cancer Center\*

Monroeville MRI\*

Wood County Schools (\$63+ million renovations)

WVU Colson Hall Renovations

WVU State Fire Training Academy / Jackson's Mill

West Virginia Army National Guard (WVARNG) - Multi-Purpose Building at Camp Dawson

WVARNG Mountaineer Challenge Academy

USPS - Charleston P&DC HVAC Renovation

USPS - Clarksburg Chiller Replacement

California University of PA (2-170 Bed Dorms). Geothermal Heating & Cooling System

Independence Hall HVAC

Wheeling Island Fire Station

Mt. Lebanon Municipal Building renovation (70,000 SF)

Panhandle Cleaning & Restoration warehouse and office building

Cabela's Eastern Distribution Center (1.2 million SF building)

Marshall County Schools - Hilltop Elementary (**LEED Certified**)

West Virginia State Office Building in Logan, WV (LEED registered)

*\*previous work experience with a firm other than McKinley & Associates*

# Tim E. Mizer, PE, RA

## Director of Operations

### Architectural Engineer / Architect / Quality Control

#### EDUCATION:

Kansas State University  
B.S. Architectural Engineering - 1983

University of Cincinnati  
Architecture

#### PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

**Registered Engineering in:**  
West Virginia  
Ohio

**Registered Architect in:**  
Ohio

#### PROFESSIONAL EMPLOYMENT:

McKinley & Associates  
Architect / Engineer  
Wheeling, WV (1995 to present)

M.C.C. Engineering  
Director of Design  
Columbus, Ohio (1988-1995)

Schooley Caldwell and Associates  
Electrical & Mechanical Design  
Columbus, Ohio (1986-1988)

Mizer Design  
Free Lance Architectural Engineering Design  
Columbus, Ohio (1985-1986)

Envirotek, Inc.  
Drafting and Electrical & Mechanical Design  
Raleigh, NC (1984-1985)

#### SUMMARY OF EXPERIENCE:

A very talented and unique professional who is registered both in engineering and architecture. Mizer's background as an Architectural Engineer has provided him with a total understanding of the engineering components which provides a cohesiveness on all of his projects. Being also a Registered Architect, he understands designing to allow for the engineering disciplines, including his responsibility of project management and design. Mr. Mizer is the Head of Operations for the company.

#### NOTABLE PROFESSIONAL EXPERIENCES:

Dr. Ganzer Office Building

West Virginia State Office Building in Logan, WV (LEED Registered)

West Virginia State Office Building in Weirton, WV

Orrick Building

Maxwell Centre

Wagner Building

Bennett Square Office Building

WVU Colson Hall

Panhandle Cleaning & Restoration

West Virginia Independence Hall historic preservation/renovation

Capitol Theatre historic preservation/renovation

Wheeling Island Casino - various projects

Cabela's Eastern Distribution Center

Marshall County Schools - Hilltop Elementary (LEED Certified)

Marshall County Schools - Cameron Middle/High School (LEED Registered)

Marshall County Schools (\$38+ mil.)

Wood County School Bond Project (\$63+ mil.)

USPS - designed over 100 Post Offices throughout West Virginia for ADA compliance

West Virginia State Police - renovations and new detachments  
Also surveyed, reviewed, projected, budgeted, and documented  
72 police facilities statewide

# Darren S. Duskey, PE

## Electrical Engineer

### EDUCATION:

The Ohio State University  
B.S. Electrical Engineer - 1993

Marshall University  
Graduate courses in Engineering

### PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

**Registered Professional Engineer in:**  
West Virginia  
Pennsylvania  
Ohio

### PROFESSIONAL EMPLOYMENT:

McKinley & Associates  
Wheeling, WV (2002 to present)

Pickering Associates  
Parkersburg, WV (1997-2002)

Magnetic Specialty, Inc.  
Marietta, OH (1995-1997)

Inland Products, Inc.  
Columbus, OH (1993-1995)

### SUMMARY OF EXPERIENCE:

Mr. Duskey has over 15 years of experience in the industrial, commercial, institutional, and educational markets with projects ranging from health care facilities, State Police detachment offices, electrical design of schools, large and small industrial projects, and commercial properties. He has extensive knowledge and experience with the National Electrical Code, state building codes, building industry standards and practices, and has demonstrated the ability to design qualitative and economic solutions to a myriad of challenges.

### NOTABLE PROFESSIONAL EXPERIENCES:

#### Electrical Engineer

Wetzel County Hospital (Addition and renovation)

Marietta Memorial Hospital (Addition and renovation)

Dr Ganzer Office Building

WVSP Headquarters (*Upgrade electrical service*)

WVSP detachment in Berkeley County (*Upgrade electrical service, renovations*)

West Virginia State Building in Logan, WV (LEED Registered)

West Virginia State Building in Weirton, WV

Bennett Square Office Building

Panhandle Cleaning & Restoration warehouse and office building

West Virginia Army National Guard - Mountaineer Challenge Academy at Camp Dawson in Kingwood, WV

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson in Kingwood, WV

WVU State Fire Training Academy in Jackson's Mill, WV

United States Postal Service - statewide post offices

Cabela's Eastern Distribution Center [*New large (~1,200,000 SF) distribution center services, electrical design*]

Marshall County Schools - Hilltop Elementary (LEED Certified)

Marshall County Schools - Cameron Middle/High School (LEED Registered project)

WVU Institute of Technology - Maclin Hall (*Upgrade electrical service, renovations*)

West Virginia University - Colson Hall (*Upgrade electrical service, including medium voltage distribution, renovations*)



# Michael L. Price

## Construction Administrator (Project Coordinator)

### EDUCATION:

Belmont Technical College  
Certified Surveyor

Licensed E.I.F.S. Technician

### PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

#### Member:

Wheeling Central Catholic Boosters  
Our Lady of Peace Church  
O.L.P. Basketball Coach

#### Vice President:

Circus Saints & Sinners

#### Former President:

Mt. Olivet Baseball Association

### PROFESSIONAL EMPLOYMENT:

McKinley & Associates  
Project Coordinator  
Wheeling, WV (2009 to present)

Wheeling Hospital  
Project Administration Carpentry Dept.  
Wheeling, WV (2006-2009)

Main Street Bank  
Foreclosure Property Inspector  
Wheeling, WV (2003-2009)

Michael Price Construction, LLC  
Owner  
Wheeling, WV (2004-2007)

J.D. Fletcher Construction  
Foreman, Supervisor and Estimator  
St. Clairsville, OH (1989-2004)

National Road Utility Company  
Sales, Product Inventory and Delivery  
(1987-1989)

Real Contracting and Drywall  
Framer, Finisher  
(1985-1987)

### SUMMARY OF EXPERIENCE:

Mr. Price has 26 years of experience in residential and commercial construction, and his previous job was a Project Administration for the Carpentry Department at **Wheeling Hospital**. He will bring the following expertise to your projects: Qualified in commercial building in medical environment; Responsible for scheduling and project completion; Supervisor over employees and subcontractors; Management experience as job superintendent and owner; Quality control of all trades; Maintained good working conditions and safety standards according to building codes; Close work with architects, project managers in print takeoff and redesign; Performed purchasing and inventory of construction project materials; Experience in bidding and estimating; Excellent communication skills, works extremely well with employees and customers, highly dependable and responsible; Highly skilled in framing and finished carpentry, synthetic stucco, all types of drywall work; Qualified heavy machine operator such as skid steer and backhoe, etc.; Qualified residential housing inspector for Main Street Bank; and finally, Technical experience in plumbing and electrical.

### NOTABLE PROFESSIONAL EXPERIENCES:

#### **Project Coordinator / Construction Administrator for:** *Wheeling Hospital Cancer Center\**

An approximately 24,000 SF total interior build, which includes, but was not limited to, 20 chemo stations, 10 exam rooms, 4 labs, and an X-Ray station. Services offered via the center include radiation therapy, outpatient chemotherapy, and brachytherapy. The Center provides rapid evaluation as well as compassionate care in a modern and comfortable setting. This project was \$2.8 million.

#### *Wheeling Hospital Woman's Breast Center\**

This \$1.2 million interior build project includes 8 exam rooms (4 of these rooms include Med. Gas feeds), an X-Ray station, a library, waiting rooms, staff areas and more. This project was approximately 10,000 square feet.

#### *Wheeling Clinic V.N.A.\**

The Visiting Nurses Association project was a \$400,000 remodeling project of their headquarters which included 24 office spaces, 4 medical supply rooms, a kitchen, and more. This project was 15,000 square feet.

#### *Stratford Pediatric Rehab Center\**

This \$600,000 project involved an approximately 18,000 square foot interior build. There are two 3,000 SF physical rehab areas, 6 professional offices, a conference center, and more.

#### *Wheeling Renal Care Center\**

This remodeling project included kidney dialysis stations, examination rooms, a conference room, and 4 offices. This 15-dialysis station facility contains the administrative and main technical offices, and provides treatments for approximately 90 patients. They provide high quality hemodialysis treatments using state-of-the-art hemodialysis machines, as well as the full range of services required by individuals with chronic kidney failure

*\*previous work experience with a firm  
other than McKinley & Associates*

ROBERT M.R. MAINWARING, AIA,  
ACHA, LEED AP  
HEALTHCARE PLANNER/  
PROGRAMMER

Bob has over 35 years of experience in the design of healthcare facilities throughout the northeast. During his career, Bob has served in a wide variety of professional roles, including Executive Project Architect, Facilities Master Planner, Project Designer and Project Architect, with responsibilities covering the full range of services including new construction, major and specialty renovations, interior design, long range facility planning and equipment programming. His hospital planning, design and construction experience most recently includes the 2000-2005 expansion of the Abington Memorial Hospital campus and the new Southwest Addition at Paoli Hospital, where Bob served as Project Principal for each project.

#### EXPERIENCE

**Kidspace Orchard Hills Campus, Pediatric Psychiatric Hospital, Orefield, PA.** This child and adolescent residential psychiatric facility was developed on a 280-acre Greenfield site in northeastern Pennsylvania. The 116-bed campus features support services necessary for child and adolescent psychiatry, including MH/MR support, diagnostic services, shelter care and the treatment of substance abuse. Residential clusters provide a dormitory atmosphere. Each cluster houses 24 children and includes a living room, gameroom and kitchen area along with five supervised living units. The administration and education building includes flexible therapy areas, classrooms, gymnasium, administrative and recreational areas and shared exhibit spaces.

**Drexel University, 11<sup>th</sup> Street Family Health Center, Philadelphia, PA.** EwingCole worked closely with Drexel on the expansion of this health center. Presenting a new model for community healthcare, the center offers trans-disciplinary and preventative care, including nutrition counseling, physical therapy, dental and podiatric care, fitness classes and behavioral health counseling. Design of the expanded 36,000 sf facility incorporates evidence-based, sustainable and Planetree design principles to create a comfortable, tranquil, and healing environment.

**Paoli Hospital, Paoli Pavilion, Paoli, PA.** The Paoli Pavilion, a 285,000 sf hospital addition includes 124 private patient rooms, 14 state-of-the-art operating rooms with 2 open-heart O.R.'s, intensive / cardiac care, progressive care and medical/ surgical nursing units, ambulatory surgery, and PACU. A new emergency department incorporates major radiology services. A 737-car, 5-story parking garage provides convenient access by a bridge linked directly to the new facility. An evidence-based "Pebble Project", the facility features specific design elements targeted to enhance patient outcomes. A new chiller plant and boiler plant were also completed to serve the new pavilion.

#### EDUCATION

BArch, 1972, Kent State University

#### REGISTRATIONS

Registered Architect: PA

#### AFFILIATIONS

Member, American Institute of Architects

Member, National Council of Architectural Registration Boards

Member, Delaware Valley Green Building Council

ROBERT M.R. MAINWARING, AIA,  
ACHA, LEED AP  
HEALTHCARE PLANNER/  
PROGRAMMER

**Abington Memorial Hospital, Lenfest Pavilion and Ziple Parking Garage, Abington, PA.** This 8-story, 365,000 sf facility includes a new Emergency Trauma center, Surgical Suite and Maternity Center, and new Data Center. A Same-Day Procedure Unit, replacement single-bed patient care units, a 33-bed Critical Care unit, cafeteria and dietary facilities and a Teaching and Conference center are also included. A free-standing 900-car parking structure connected by aerial bridge to the facility completes the design. The project also included a major expansion of the Hospital's chiller plant.

**Abington Memorial Hospital, Toll Pavilion, Abington, PA.** This 320,000 sf critical care facility includes a new 43,000 sf surgical suite with 15 operating rooms, a four unit, 42-bed intensive / cardiac care floor, a new emergency/trauma department, 22-bed LDRP suite with adjoining c-section suite, a 39-bed short procedure unit and the Pilla Heart Center. Backfill renovations include a new NICU and Cancer Center.

**State University of New York - Downstate, PICU Expansion, Brooklyn, NY.** This project expands an existing PICU, adding five individual patient rooms in additional support spaces.

**Abington Memorial Hospital, Levy Medical Plaza and Parking Garage, Abington, PA.** The project included construction of a 65,000 sf, 3-level structure with plaza, atop a 4-level below grade parking garage. Additionally, a 6-level free-standing garage was included at the rear of the site and is connected to the plaza via a stair tower and lobby with glass enclosed elevators. The building includes hospital-based ambulatory services, diagnostic and treatment suites as well as physician's offices, and is connected to the Hospital campus by a 600 ft pedestrian tunnel which crosses under a major highway.

**Abington Memorial Hospital, Harrison Building NICU, Abington, PA.** Supporting the expansion of the Hospital's maternity program, this neonatal intensive care unit includes 16 infant stations designed for Level III care, and an 8-station continuing care unit. Staff and family support facilities complete the program.

**Abington Memorial Hospital, "CHOP Connection" Pediatric Suite, Abington, PA.** Constructed as part of the continuing renovation phase of the Hospital's 10-year improvement plan, this 9,000 sf unit features 15 beds, 11 of which are single-bed rooms. Two of the single rooms were designed with special observation rooms and a separate dedicated nursing station. Patient care support areas, playroom and physician's offices are also included.

**Abington Memorial Hospital, Rosenfeld Cancer Center, Abington, PA.** This center was designed for outpatient cancer diagnosis and treatment. The 42,400 sf facility includes radiation oncology, an outpatient clinic, 12-station chemotherapy unit, 4-station stem cell replacement unit and a GYN oncological / surgical suite. An inpatient nursing unit featuring 27 private beds is also included, along with significant family space.

ROBERT M.R. MAINWARING, AIA,  
ACHA, LEED AP  
HEALTHCARE PLANNER/  
PROGRAMMER

**Abington Memorial Hospital, Cardiac Cath Lab Program, Abington, PA.**

The expansion of the cardiac program at Abington was accomplished in two projects. The first project included the partial demolition and renovation of approximately 8,000 sf, and the ultimate relocation of an administrative suite, staff locker rooms and ECHO department. The second project included the demolition and renovation of an additional area, allowing the construction of a sixth cath lab. Additional mechanical and structural capacity were also provided.

**North Shore Long Island Jewish Health System, Center for Advanced Medicine, Lake Success, NY.** This conversion of a 435,000 sf former industrial building into a new outpatient center. The new facility includes chemotherapy, radiation oncology, ambulatory surgery, radiology, physician practice offices and academic offices. The original building exterior will be upgraded to provide an energy efficient envelope.

**St. Luke's Cornwall Hospital, Laboratory Renovation, Cornwall, NY.** This renovation, designed to improve the laboratory's infrastructure, workflow and efficiency, includes microbiology, clinical and phlebotomy labs, as well as blood bank and morgue. The renovation, accomplished in three phases, allows uninterrupted service of existing lab functions.



# Corporate Information

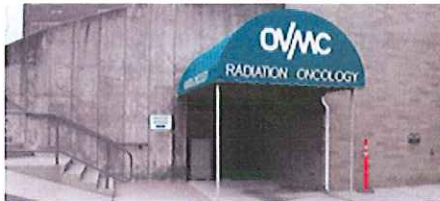
## Firm History

Founded in 1981, McKinley & Associates is a multi-discipline **full service Architectural & Engineering firm**, offering comprehensive **professional services in architecture, engineering, interior design and construction administration**. We have a broad range of skill and experience for projects involving medical, educational, governmental, commercial, religious and recreational operations. In January 2007, McKinley & Associates established a partial **Employee Stock Ownership Plan (ESOP)**, which is a benefit plan that gives our employees ownership of stock in our company. This is a **contribution to the employee**, not an employee purchase.



Dr. Ganzer Office Building

OVMC - Nurses Residence



OVMC - Radiation and Oncology Center

## Firm Information

**Tim Mizer, PE, RA**  
Director of Operations

**Gregg Dorfner, AIA, REFP**  
Director of Architecture

**Brad Crow, PE, LEED AP**  
Director of Engineering

**Date of Incorporation**  
1981 Wheeling, West Virginia

## Number of Professionals

Total Size	37
Architects	8
Engineers	4
Architect Interns	1
Engineer Interns	1
Construction Admins	4
Arch./Eng. Designers	10
Interior Designers	1
Quality Controllers	2
REFPs	3
LEED APs	4
MIS	1

## Locations

### Headquarters

#### The Maxwell Centre

Thirty-Two - Twentieth Street  
Suite 100  
Wheeling, West Virginia 26003  
P: 304-233-0140  
F: 304-233-4613

### Satellite Offices

#### Charleston Area Alliance Building

1116 Smith Street  
Suite 406  
Charleston, West Virginia 25301  
P: 304-340-4267  
F: 304-340-4269

#### Washington Trust Building

6 S. Main Street  
Suite 1028  
Washington, Pennsylvania 15301  
P: 724-223-8250  
F: 724-223-8252

OVMC



## Credentials

McKinley & Associates is a member of the following organizations:  
CEFPI, AWI, WVEDC, AIA, NFPA, NCARB, ASCE, ASPE, BOCA,  
ASHRAE, ACI International

# Qualifications

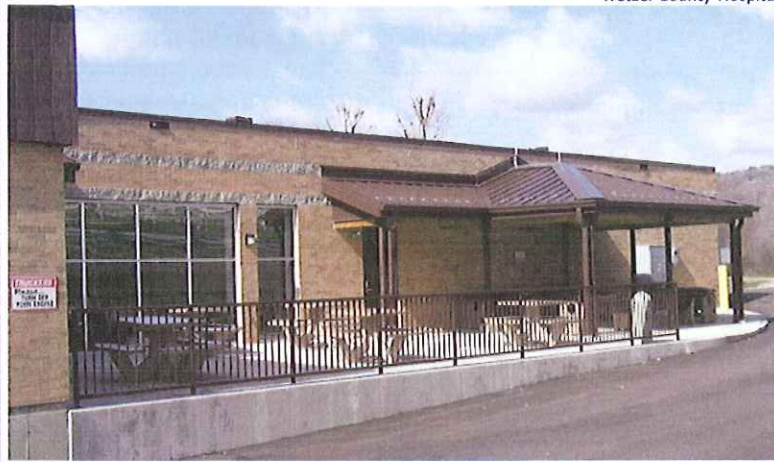
**F**ounded in 1981, McKinley & Associates has become generally accepted as the largest A/E firm in West Virginia. We provided design services for projects representing more than \$100,000,000 annually in construction value. We have a broad range of skills and experience for projects involving medical, religious, educational, government agencies, manufacturers, commercial and recreational operations, as well as developers. In the past 10 years our firm has been awarded 4 prestigious AIA Honor and Merit Awards for our works.

Wheeling Hospital



The firm has completed many projects for health care facilities, including renovations and expansions of existing structures as well as new buildings.

Wetzel County Hospital



We have completed over a dozen projects for six Veterans Affairs Medical Centers in both West Virginia and Pennsylvania as well as numerous local and regional health care providers.

VA Medical Center - Clarksburg



From planning and implementing a feasibility study for a retirement community, to design of an assisted living center, to additions to house MRI equipment, to outpatient surgical centers, to freestanding outpatient facilities and much more, our team has the ability to handle your next project.

Generally recognized as West Virginia's largest A/E firm, our 37 person Professional staff includes: Architects; Civil, Electrical, Fire/Life Safety, Mechanical and Structural Engineers; Interior Designers and Construction Administrators. We have provided professional services in all 55 counties of West Virginia.

# Health Care Facilities

Our firm has completed many projects for health care facilities, including renovations and expansions of existing structures as well as new buildings. We have completed over a dozen projects for six Veterans Affairs Medical Centers in West Virginia and Pennsylvania as well as numerous local and regional health care providers. From planning and implementing a feasibility study for a retirement community, to design of an assisted living center, to additions to house MRI equipment, to outpatient surgical centers, to freestanding outpatient facilities and much more, our team has the ability to handle your project.

## **WHEELING HOSPITAL**

*Wheeling, West Virginia*

- \*Design of new Ultra-Sound Suites.
- \*Feasibility study for Retirement Community
- \*Training Center for Continuing Education
- \*Renovation of semi-private rooms into private rooms
- \*Center for Nursing Continuing Education
- \*Renovation of Professional Suites

## **OHIO VALLEY MEDICAL CENTER**

*Wheeling, West Virginia*

- \*Renovation of Nurse Residence into Professional Suites
- \*MRI addition
- \*Fire suppression system
- \*Outpatient Surgical Center

## **REYNOLDS MEMORIAL HOSPITAL**

*Moundsville, West Virginia*

- \*Physicians' offices/exam rooms

## **HERITAGE POINT ASSISTED LIVING CENTER**

*New Martinsville, WV*

- \*Design of Senior Living Facility with detachment homes

## **OHIO VALLEY PROFESSIONAL BUILDING**

*Wheeling, West Virginia*

- \*Physicians offices
- \*Outpatient Surgical Center / Exam Rooms

## **WETZEL COUNTY HOSPITAL**

*New Martinsville, WV*

- \*Community addition
- \*New emergency department

## **PETERSON HOSPITAL**

*Wheeling, West Virginia*

- \*Fire Suppression system
- \*General renovations

## **VA MEDICAL CENTERS**

### **VAMC / CLARKSBURG, WEST VIRGINIA**

- \*Clinical addition
- \*Emergency room
- \*Surgery and recovery suites
- \*15-bed ICU
- \*Expanded clinical laboratory
- \*Modernized imaging service that includes CT scan and diagnostic nuclear medicine capabilities
- \*Inpatient and outpatient pharmacies.
- \*Primary care outpatient clinics
- \*Specialty clinics for oncology, mental hygiene, PTSD, urology, surgery, dermatology, optometry, and otolaryngology
- \*Doors and latches program

### **VAMC / MARTINSBURG, WEST VIRGINIA**

- \*Renovation of electrical systems in operating room suites
- \*Nurses call stations

### **VAMC / HUNTINGTON, WEST VIRGINIA**

- \*Replacement of all clinical areas
- \*Renovation of original hospital into hospital rooms
- \*Medical air and Vacuum systems

### **VAMC / BECKLEY, WEST VIRGINIA**

- \*Renovation of central computer room
- \*Motion-sensing lighting controls
- \*Same Day Surgery Center
- \*Oncology Center
- \*Addition for specialty clinics
- \*Renovation of recovery area for outpatient surgery

### **VAMC / BUTLER, PENNSYLVANIA**

### **VAMC / PITTSBURGH, PENNSYLVANIA**

- \*Expansion of central computer facility
- \*Renovation of pneumatic laundry system
- \*Replacement of steam traps
- \*Fire suppression system - five story building

# Management & Staffing Capabilities

The work to be performed by your design team is very clear; to evaluate, prioritize and design within budget and schedule to meet the needs of the West Virginia Division of Health and Human Resources. In the past 30 years we have extensive experience with similar projects. This team is an "In-House" team that works together everyday and has done most of the projects here as a group. These team members have been working up to fifteen years together at McKinley & Associates. Our project team has been chosen for this project and they are available to dedicate the necessary time to this effort. We are available to start immediately upon our being selected. We can and will perform for you on time.

The most important element of the entire process becomes communication from you to our designers. We use and welcome your input throughout the project. We continually achieve success in projects by maintaining **time and cost management, quality control and excellent communication** amongst the client and contractors. You will have the ability to review the plans and specifications at different completion percentages of the development phase.

We hold **weekly meetings** to discuss your project, the budget, schedule and quality assurance. We provide **Documented Minutes** of all of our meetings and encourage the Owner to participate in these meetings.

Our **Quality Assurance Program** starts with a peer review where a registered professional not involved in the design becomes reviewer of the project before going to bid. Additionally, at our regularly scheduled project meetings the entire design team is constantly reviewing the process.

Our **Eleven Month Walk-Through** is a process where our professionals return to your facility eleven months after the project is completed. At that time they review all the work that was completed and check all warranties. We are making sure all of the covered work is in order and that the warranties do not expire with equipment or product not working properly. It should be noted that McKinley & Associates has been performing our eleven month walk-through for the past **14 years** as part of our Standard of Care, and it only recently has been adopted as an AIA 101 Standard. We also conduct Post Occupancy Evaluations with the Owner to find out how well we matched the Owners' needs.

The services we provide are different than most others. With our 37 member staff we have the ability to have registered architects and engineers designing within their area of expertise. HVAC design by a Mechanical Engineer, Electrical design by an Electrical Engineer, Fire and Life Safety design by a Fire Protection Engineer. The Professional Engineers (PE) are not only "In-House," we also have depth in numbers of each discipline in our firm. Our Architectural staff provides you with an exceptionally talented group that will walk you through your project to competition. Day by day, side-by-side, our architects and engineers provide a daily cohesiveness to your project.

Our **Philosophy** is to provide our clients with experienced leadership as well as state-of-the-art and innovative design expertise to accomplish the goals of their project. **Function, economics and versatility**, in addition to the development of **strong aesthetic appeal**, are crucial elements in our design process. We also believe that enhancement of the physical environment in which each individual lives and works should add significantly to the enjoyment of life. Our firm has dedicated our professional skills to attain these goals.

The firm uses a number of different **cost estimating** procedures depending on the type and size of project. Our ability to **design within budget** is shown in the following, which represent some of our recently bid projects:

<u>PROJECT</u>	<u>BUDGET</u>	<u>ACTUAL</u>	<u>DIFFERENCE</u>	<u>+/-</u>
Wood Co. - Williamstown HS	\$11,635,000	\$11,253,000	\$382,000	-3.39%
Weirton State Building	\$4,291,000	\$4,083,000	\$208,000	-5.09%
Hancock Co. Schools	\$11,000,000	\$11,260,000	\$260,000	+2.36%
WV Northern Annex	\$7,900,000	\$6,850,000	\$1,050,000	-15.33%
WV Northern Phase II	\$1,200,000	\$1,194,000	\$6,000	-0.50%
Wheeling YMCA	\$2,200,000	\$2,100,000	\$100,000	-4.76%
WVU Colson Hall	\$5,400,000	\$5,500,000	\$100,000	+1.85%
John Marshall Fieldhouse	\$3,755,000	\$3,518,000	\$237,000	-6.73%
Central Elementary	\$3,037,000	\$3,017,000	\$20,000	-0.66%
Maxwell Centre	\$1,800,000	\$1,734,000	\$66,000	-3.81%

The Marshall County School Bond Project's total budget is \$37,000,000.

To date, we are \$1,000,000 under budget.

# Fast-Tracking

Throughout the years we have worked on many “fast-track” projects such as the Cabela’s Eastern Distribution Center in Wheeling, WV, Maclin Hall at West Virginia University’s Institute of Technology in Montgomery, WV, as well as TeleTech National Call Center in Moundsville, WV. We achieved success by maintaining time and cost management, quality control and excellent communication amongst the client and contractors.



TeleTech National Call Center

When **TeleTech** needed to move into a new call center in **6 months**; McKinley & Associates got the call. Teletch is a **\$10 million** project, and included in the structure are the following: sophisticated computer and communication systems with over 450 stations, 500 employee parking spaces, cafeteria, office and training rooms along with calling areas. The **58,000 SF** building came in on time, on schedule, and on budget, and it became a **prototype** for all of the company’s buildings.



Cabela’s Eastern Distribution Center

The **Cabela’s Eastern Distribution Center** is a commercial warehouse that was completed in two phases. The building measures **1.2 million SF**, and is one of the largest buildings in the State of West Virginia. Included with the **\$40 million** structure are 300 trailer parking spaces, 750 employee parking spaces and storage area.

West Virginia University’s Institute of Technology - Maclin Hall



In 2006, we designed an extensive (**\$5M**) renovation of **Maclin Hall**, a historic **53,900 SF** dormitory building on the campus of WV Tech, **in less than a month**. The project included redesigning the shared areas, new finishes, new roof, and restoration of the exterior. We also replaced the entire HVAC, lighting, fire protection, data systems and renovated the shared restrooms.

**We are confident that our design team can meet your timeline.**

# Quality Control

Quality control at McKinley & Associates, Inc. is a constant process which begins with the initial project activity and continues through document submissions, construction and owner occupancy. The longevity and size of the firm and our history of success completing complex and innovative projects is founded upon our commitment to this process.

During the design phases all personnel become fully versed in the client's program, project requirements and design standards. The design team is responsible for identifying for the client any potential conflicts between program criteria and design standards and resolving those conflicts to the client's satisfaction.

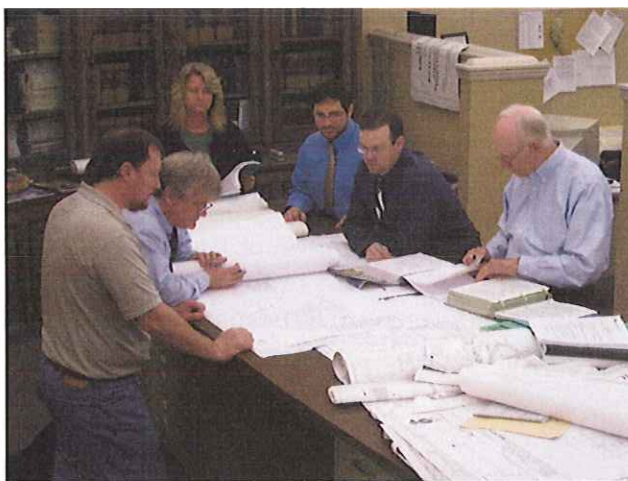
As the schematic/concept plans are developed, the Project Manager typically presents the plans for review and comments to a plan group depending on the nature of the work; e.g. engineers commenting on the engineering and architects critiquing the architecture. Once a consensus is reached, the plans advance in the process.

Prior to the completion of each phase, a set of project documents is issued to each discipline and consultant for coordination, cross-checking and review. The following items are checked at that time:

- Drawings and specifications for program compliance.
- Drawings and specifications for internal coordination.
- Cost effectiveness of the design.
- Drawing accuracy.
- Compliance with appropriate codes and client standards.

After coordination check corrections are completed, the project architect reviews the documents and compares the completed documents with check prints to verify that corrections have been made in accordance with the project design criteria. A final review is made by the principal-in-charge.

During the subsequent phases of design, all items are checked by persons other than those performing the daily design work in order to provide fresh insight. Prior to the final release of the documents, revisions are checked by the project manager and appropriately referenced on the drawings. Copies of the final documents are distributed to the client and consultants for final review and approval. Comments are incorporated into the documents prior to issuance for bidding and construction.



Bid documents are issued after a final check to verify that all bid packages have current revisions included and are appropriately identified. Bid sets are numbered and registered to bidders so that each bidder may be kept informed of clarifications and addenda.

During the construction, the processing of shop drawings and submittals is controlled and monitored by the project manager. The standard turnaround for the receipt, logging, review and return of submittals is 10 working days. Complicated or specialized submittals may require additional time. Urgent items can often be expedited to satisfy the construction schedule.

# Construction Administration & On-Site Representation

**Observe the Construction Progress**

**Liaison between the Owner, Contractor, and Architect**

**Responsible for All Construction Meetings and Minutes**

**Monitor the Construction Schedule**

**Ensure that the Contractor is Following the Construction Documents**

**Verify Pay Application and Change Orders**

**Typically On-Site Once Every Two Weeks**

**(Provide Additional On-Site Representation if Requested)**



Our Project Coordinators have an extra responsibility than what most firms' Construction Administrators have; our Project Coordinators are a part of the design process from **Day 1** (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project. Our Project Coordinators have an important role as being the **liaison between the Owner, Contractor, and Architect**. The primary objective of the Project Coordination services is to ensure completion of work the way the client wants it - **as scheduled and as budgeted**. Our Project Coordinators evaluate the quality of the work to verify that it meets the level required by clients; in addition, they monitor the contractor's progress to ensure that they are following the Construction Documents. They observe the construction progress, are responsible for all construction meetings and minutes, and they verify pay application and change orders. The Project Coordinator is typically on-site once every two weeks, but we can provide additional on-site representation if requested.

# Sustainable "Green" Design

**B**uildings designed today will need to meet the demands of the future; McKinley & Associates identifies the changes necessary in the design of today and to meet these demands. This approach helps to retain the buildings' long-term profitability and value, which achieves the buildings' **sustainability**.

McKinley approaches ecological design from a business perspective, offering **proactive** solutions to complex problems such as indoor air quality, energy efficiency, resource depletion, and water quality. With commercial and institutional project experience, the McKinley Team can work alongside local designers to provide sustainable design and construction guidance. We also offer full architectural design services and guided design workshops on sustainable design issues.

Our Philosophy is to provide our clients with experienced leadership as well as state-of-the-art and **innovative** design expertise to accomplish the goals of your projects. Function, economics and versatility, in addition to the development of **strong aesthetic appeal**, are crucial elements in our design process. We also believe that enhancement of the physical environment in which each individual lives and works should add significantly to the enjoyment of life. Our firm has dedicated our professional skills to attain these goals.

Hilltop Elementary School is one of our many projects that we designed using **energy efficient** and **sustainable design** approaches. It was not until after construction had commenced that the Owner decided to submit for LEED Certification. This required a great deal of coordination with the architects, engineers, subcontractors and suppliers. Since we incorporated **good sustainable design practices** from the beginning, this allowed for an easy transition, and for the project to be successfully completed in July 2009. **This is one of only 9**

**LEED Certified projects in West Virginia!**

**McKINLEY & ASSOCIATES**  
ARCHITECTS • ENGINEERS • INTERIOR DESIGN



McKinley and Associates has been honored to have won some very notable awards and to have received some very prestigious nominations over the years. We recently won a **West Virginia Chapter of the American Institute of Architects 2009 Merit Award** for our newly renovated Charleston Office; a project led by Thom Worledge.



View of our award-winning Charleston Office renovation showing our centrally located conference room "Lantern." This glows all day long through the translucent walls, which are illuminated with natural daylight from a skylight above.





# McKinley & Associates Charleston Office



## Besides the paint, what makes this office "green"?

McKinley & Associates has been practicing "green" for years and has won awards for converting unused warehouse space into striking modern office buildings. One of the best ways to build green is to adapt an existing building; twenty percent of a building's energy consumption is embodied in the building's physical structure itself.

We recently won a West Virginia Chapter of the American Institute of Architects 2009 Merit Award for our newly renovated Charleston Office. The first thing you will notice is we left most of the existing structure exposed; this minimizes the amount of new materials required to define the space and allowed us to utilize some special features. For example, our centrally located conference room "Lantern" glows all day long from natural sunlight from above. This room's ceiling acts as a reflector, bouncing natural light throughout the space.



In addition to reusing the space, we also reused doors to make all of the desks, workstations and conference table. The top of the dividers is made from "Homosote", a board made from 100% recycled newspapers and covered with a fabric made from 100% recycled polyester. An office full of unique, durable office furniture for less than 1/10<sup>th</sup> of the cost of standard modular furniture is another advantage.



The office chairs are new, but the "Zody" chair by Haworth is the first chair to be Cradle to Cradle Gold Certified. This certification means that the manufacturer will take back the chair at the end of its useful life to disassemble and make a new chair, completing the cycle.

Yes, the paint on the walls is green, but it also has very low volatile organic compounds (VOC's) which keeps the air we breathe cleaner, and contains an anti-microbial which inhibits the growth of mold and mildew.

Most of the floor we chose to clean and seal with water based polyurethane, leaving the natural distressed state of the floor. The remainder of the space, we used a carpet tile by LEES which minimizes waste, has 35% recycled content and is Green Label Certified, meaning it meets stringent indoor air quality requirements.

The window blinds allow the control of glare while maintaining the view and minimizing heat gain. The direct/indirect lights are controllable so we can adjust the amount of electric lighting dependant on the amount of natural light coming in from the windows and the skylight. Even the bowl on the conference room table is recycled from the original fire bell that used to be on the exterior of the building.

# Leadership in Energy and Environmental Design



LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ developed by the U.S. Green Building Council (USGBC) is the nationally accepted standard for the design, construction, and operation of high performance green buildings ([www.usgbc.org](http://www.usgbc.org)). LEED recognizes that sustainable design requires a **team approach** to achieve the desired goals, and we have LEED Accredited Professionals (LEED AP and LEED AP BD+C) in both the architectural and engineering fields. In January 2001, our firm was the **first organization in West Virginia to join the USGBC**. No other WV firm joined until nearly 2 years later! We have **4 LEED Accredited Professionals** on staff, along with our skilled architectural/engineering team, who will efficiently and cost effectively achieve certification under this standard or we can guide you through the process in order to develop sustainability goals specific to your project.

We have **4 LEED® Accredited Professionals** on staff in **both the architectural and engineering fields**:

Michael S. Betsch, LEED AP  
Bradley A. Crow, PE, LEED AP  
Christina Schessler, AIA, LEED AP BD+C  
Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

Our **LEED Certified Project** is (LEED Rating System in parentheses):

Hilltop Elementary School in Sherrard, WV (LEED for Schools 2.0)

**The First and Only LEED Certified School in the State of West Virginia!**

Our current **LEED Registered Projects** are (LEED Rating System in parentheses):

Cameron Middle School/High School in Cameron, WV (LEED for Schools 2.0)

SMART Office in Williamson, WV (LEED CI)

West Virginia State Office Building in Logan, WV (LEED NC 2.2)

All of our current LEED Registered Projects are either under construction or in design with potential **LEED Platinum Certification** (SMART Office) or potential **LEED Silver Certification** (Cameron Middle/High School, and the West Virginia State Office Building).



The LEED AP Specialty Logos signify advanced knowledge in green building practices and specialization in a particular field. The LEED AP BD+C represents specialization in commercial design and construction.

Thomas R. Worlledge, AIA, LEED AP BD+C, REFP has been a member of the USGBC since 2001. He was the first LEED Accredited professional in the state of West Virginia and has served on the committee that sets the standards for the international energy code.

# Institute of Technology: Maclin Hall West Virginia University

Montgomery, West Virginia

## Owner

WV Institute of Technology  
West Virginia University

## Size

53,900 SF approx.

## Construction Cost

\$6 million

## Project Architects-Engineers

McKinley & Associates

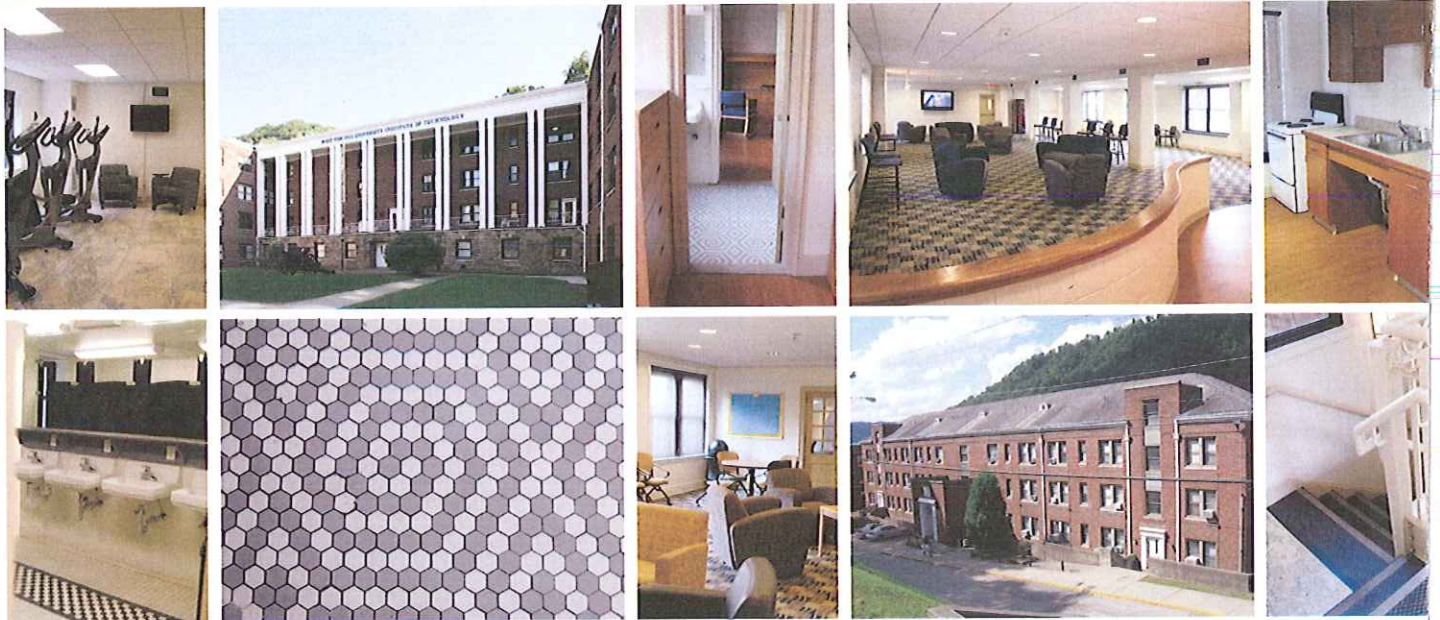
## Project Architect

Thomas R. Worlledge, AIA

## Contractor

Wiseman Construction

A comprehensive renovation to the historic Maclin Hall dormitory, originally built in 1938, on the campus of WV Tech in Montgomery, WV. The \$6 million project was **designed in less than a month**, and included redesigning the shared areas, new finishes, new roof, and restoration of the exterior. We also replaced the entire HVAC, lighting, fire protection, data systems and renovated the shared restrooms. In this 53,900 SF dormitory, we added a theater room, exercise area, laundry room, studies, computer rooms, tv rooms for video games, student commons areas, and lounges. We completely regutted the restrooms and provided new shower facilities. **This project had two fast-tracked aspects to it; there was a design time of only 1 month, along with a construction time of only 5 months.** This project was **fast-tracked** throughout the summer of 2007, so the building could be occupied by students for the start of the 2007-2008 school year. Even with this extremely short timeline, we were still able to bring the project in under budget. The project has had subsequent phases, and currently out-to-bid is a boiler replacement which is used by both Maclin Hall and Conley Hall.



**McKINLEY & ASSOCIATES**  
ARCHITECTS • ENGINEERS • INTERIOR DESIGN



# Sisters of St. Joseph Convent

Wheeling, West Virginia

## Owner

Sisters of St. Joseph

## Size

71,000 SF approx.

## Project Architects-Engineers

McKinley & Associates

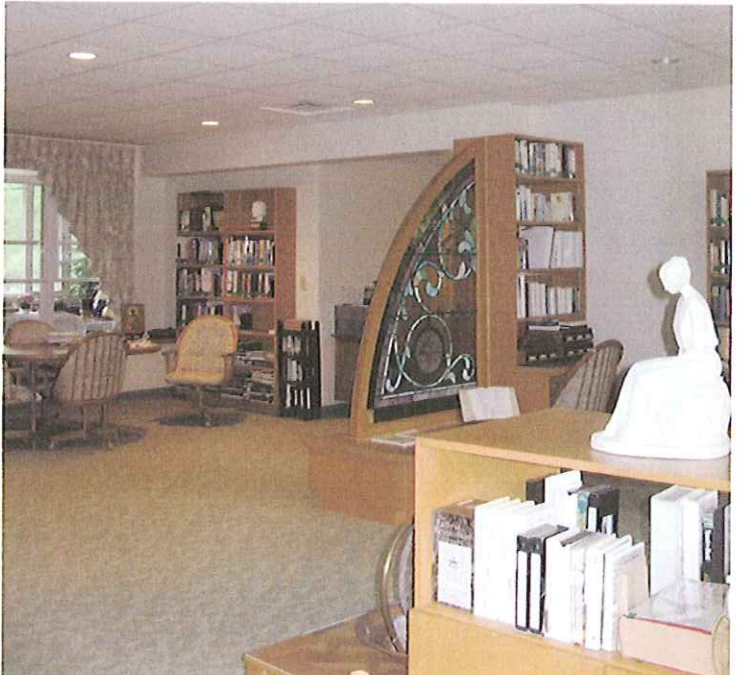
## Project Architect

Christina Schessler, AIA

## Contractors

Cattrell Construction

The Sisters of St. Joseph Convent is a multi-storied building that provides all living accommodations on site. In addition to upstairs apartments, the facility includes a library, a hair salon, social hall, formal dining room for 100, a chapel and an exercise space. Meeting rooms are also available for visiting lecturers and seminars. The infrastructure was installed to accommodate state of the art video conferencing equipment. Except for non-public service entrances and mechanical spaces, we upgraded the building to be fully ADA accessible (such as the new entrance, seen to the right).



**McKINLEY & ASSOCIATES**  
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

# Beckley VA Medical Center

Beckley, West Virginia

## Owner

Department of Veterans Affairs

## Project Architects-Engineers

McKinley & Associates

## Project Architect

Thomas R. Worlledge, AIA

## Contractors

AAMC, Inc



McKinley & Associates has completed over a dozen successful projects for five Veterans Affairs Medical Centers in West Virginia and Pennsylvania. For the VAMC in Beckley WV, we completed a Same Day Surgery Center and an Oncology Center. These projects included a renovation of the central computer room, motion-sensing lighting controls, an addition for specialty clinics, and a renovation of recovery area for outpatient surgery.

The Oncology renovation's scope of work was to renovate the existing Oncology Unit to provide additional square footage to the clinic stations for direct patient care privacy issues and upgrading their antiquated equipment. This **Oncology Center** is located on the first floor of their Medical Center Building 1. This included doctors offices, supply rooms, privacy exam/treatment rooms, the Oncology Manager's office, waiting room with receptionist area, staff areas, and multi-patient treatment rooms. The Oncology Center is a specialty area which is separated from rest of hospital; because of this, the patients had easy access, and they did not have to go through other clinics to get to it.

In addition to the Oncology Center, offices from their **Police Section** had to be relocated to their main building courtyard area. This included renovations, site preparation, concrete placement, structural installation, interior finishes, as well as mechanical and electrical work. This included offices for the Chief of Police, the Assistant to the Chief, and future offices, a locker/break room, an operations area, weapons/storage room, and a holding cell.

The **Same Day Surgery Center** involved relocated the existing library to the stage area behind the chapel. In that old library, we created a new Same Day Surgery Recovery Suite with a Nurses Station, cleaning/prep areas, patient waiting areas, doctors rooms, and counselling rooms. These projects added to the convenience of the spaces, and placed the treatment and the recovery areas on the same floor; therefore, it allowed the patients to feel more comfortable.

# Health Care Facilities

Our firm has completed many projects for health care facilities, including renovations and expansions of existing structures as well as new buildings. We have completed over a dozen projects for six Veterans Affairs Medical Centers in West Virginia and Pennsylvania as well as numerous local and regional health care providers. From planning and implementing a feasibility study for a retirement community, to design of an assisted living center, to additions to house MRI equipment, to outpatient surgical centers, to freestanding outpatient facilities and much more, our team has the ability to handle your project.

## **WHEELING HOSPITAL**

*Wheeling, West Virginia*

- \*Design of new Ultra-Sound Suites.
- \*Feasibility study for Retirement Community
- \*Training Center for Continuing Education
- \*Renovation of semi-private rooms into private rooms
- \*Center for Nursing Continuing Education
- \*Renovation of Professional Suites

## **OHIO VALLEY MEDICAL CENTER**

*Wheeling, West Virginia*

- \*Renovation of Nurse Residence into Professional Suites
- \*MRI addition
- \*Fire suppression system
- \*Outpatient Surgical Center

## **REYNOLDS MEMORIAL HOSPITAL**

*Moundsville, West Virginia*

- \*Physicians' offices/exam rooms

## **HERITAGE POINT ASSISTED LIVING CENTER**

*New Martinsville, WV*

- \*Design of Senior Living Facility with detachment homes

## **OHIO VALLEY PROFESSIONAL BUILDING**

*Wheeling, West Virginia*

- \*Physicians offices
- \*Outpatient Surgical Center / Exam Rooms

## **WETZEL COUNTY HOSPITAL**

*New Martinsville, WV*

- \*Community addition
- \*New emergency department

## **PETERSON HOSPITAL**

*Wheeling, West Virginia*

- \*Fire Suppression system
- \*General renovations

## **VA MEDICAL CENTERS**

### **VAMC / CLARKSBURG, WEST VIRGINIA**

- \*Clinical addition
- \*Emergency room
- \*Surgery and recovery suites
- \*15-bed ICU
- \*Expanded clinical laboratory
- \*Modernized imaging service that includes CT scan and diagnostic nuclear medicine capabilities
- \*Inpatient and outpatient pharmacies.
- \*Primary care outpatient clinics
- \*Specialty clinics for oncology, mental hygiene, PTSD, urology, surgery, dermatology, optometry, and otolaryngology
- \*Doors and latches program

### **VAMC / MARTINSBURG, WEST VIRGINIA**

- \*Renovation of electrical systems in operating room suites
- \*Nurses call stations

### **VAMC / HUNTINGTON, WEST VIRGINIA**

- \*Replacement of all clinical areas
- \*Renovation of original hospital into hospital rooms
- \*Medical air and Vacuum systems

### **VAMC / BECKLEY, WEST VIRGINIA**

- \*Renovation of central computer room
- \*Motion-sensing lighting controls
- \*Same Day Surgery Center
- \*Oncology Center
- \*Addition for specialty clinics
- \*Renovation of recovery area for outpatient surgery

### **VAMC / BUTLER, PENNSYLVANIA**

### **VAMC / PITTSBURGH, PENNSYLVANIA**

- \*Expansion of central computer facility
- \*Renovation of pneumatic laundry system
- \*Replacement of steam traps
- \*Fire suppression system - five story building



# KIDSPACE CHILD AND ADOLESCENT PSYCHIATRIC TREATMENT FACILITY

ORCHARD HILLS CAMPUS | OREFIELD, PA

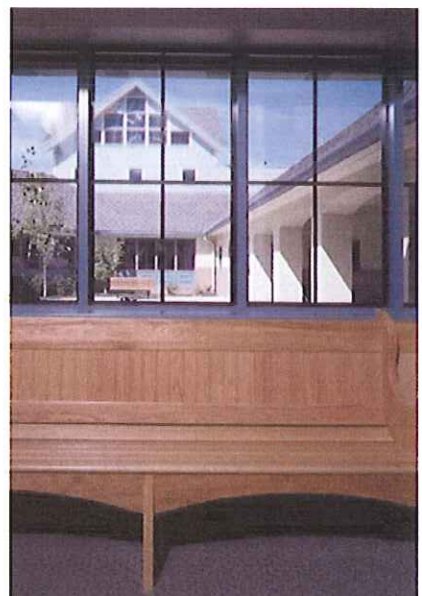
This project is the focus of a 280-acre Greenfield site in northeastern Pennsylvania.

The 116-bed Psychiatric Hospital features all support services necessary for child and adolescent psychiatry, including MH/MR support, diagnostic services, shelter

care and the treatment of substance abuse. Residential clusters provide a dormitory atmosphere. Each cluster houses 24 children and includes a living room, gameroom and kitchen area along with five supervised living units. Residential units total 87,500 square feet.

The administration and education building includes flexible therapy

areas, classrooms, gymnasium, administrative and recreational areas and shared exhibit spaces. The total program is housed within approximately 114,000 sf of new construction.





## PSYCHIATRIC EXPERIENCE

doubling the parking garage, and doubling Emergency Department space.

- **US Army Corps of Engineers, Baltimore District, Dunham Medical Clinic, Carlisle, PA.** 49,000 sf of renovation and new construction to upgrade multiple departments including a 2,100 sf radiology department, 10,500 sf primary care suite, 2,500 sf OB/GYN clinic, **2,500 sf psychiatric suite**, pediatric unit, 900 sf PT/OT suite, and ambulatory care.

## PSYCHIATRIC EXPERIENCE

EwingCole's experience in the design of mental health inpatient and outpatient facilities includes the following projects:

- **Kidspace Orchard Hills Campus, Pediatric Psychiatric Hospital, Orefield, PA.** This child and adolescent residential psychiatric facility was developed on a 280-acre Greenfield site in northeastern Pennsylvania. The 116-bed campus features support services necessary for child and adolescent psychiatry, including MH/MR support, diagnostic services, shelter care and the treatment of substance abuse. Residential clusters provide a dormitory atmosphere. Each cluster houses 24 children and includes a living room, gameroom and kitchen area along with five supervised living units. The administration and education building includes flexible therapy areas, classrooms, gymnasium, administrative and recreational areas and shared exhibit spaces.
- **Lehigh Valley Health Network, Muhlenberg Campus, Psychiatric Unit, Bethlehem, PA.** Includes relocation of inpatient psychiatric beds from the 17<sup>th</sup> Street Campus and replacement of existing psych beds at the Muhlenberg Campus. A 50,000 sf addition was constructed accommodating 80 adult and adolescent beds as well as partial hospitalization program.
- **US Department of Veterans Affairs, Medical Center Renovation, Lebanon, PA.** Complete gutting and in-place renovation of five medical/surgical nursing units totaling 50,000 sf. The project was designed to allow the construction to proceed in phases while minimizing the effect upon operational surgical units on the levels above and below. Highlights include the creation of three transitional care units, one sub-acute care unit, and one **22-bed mental health unit**; replacement of HVAC, electrical, medical gas, plumbing, and communications systems; private and semi-private bathrooms; nursing stations and other support space; and ADA-compliant patient care areas. Renovations were completed while the facility remained operational.
- **US Army Corps of Engineers, New York District, Ambulatory Care Center, McGuire AFB, NJ.** 160,000 sf ambulatory care center and family practice facility is one of the Air Force's largest outpatient centers. Program includes pediatrics, gynecology, orthopedics, ophthalmology, optometry, emergency medicine, flight medicine, ENT/audiology, physical/occupational therapy, and mental health facilities. *This project received The Headquarters for the Air Force Center for Environmental Excellence 2003 Interior Design Honor Award, Air Mobility Command Design Awards in 2002 and 1998 and also received the 1999 Commander's Award for Design Excellence.*
- **Lancaster General Hospital, Lancaster, PA.** 17,000 sf expansion and 12,000 sf renovation that provides separate treatment areas for Fast Track, Observation, and Mental Health in all private rooms. General imaging, ultra sound, CT and a stat lab are centrally located to increase throughput. Renovations were completed while the Hospital remained operational.
- **Medical Center at Princeton, Master Plan, Princeton, NJ.** 250-bed Community Hospital \$30 million expansion including, building replacement and parking garage and **Inpatient psych/mental health unit locations**, doubling maternal/newborn care program,



McGuire Ambulatory Care Center

## FIRM PROFILE

**2005 Excellence In Structural Engineering Outstanding Project Award**

**Delaware Valley Association of Structural Engineers**  
Walter and Leonore Annenberg Center for Medical Education at  
Lankenau Hospital  
Wynnewood, PA

**2005 Excellence In Structural Engineering Award of Merit**

**Delaware Valley Association of Structural Engineers**  
American Red Cross Southern California Region Blood Center  
Pomona, CA

**2004 Honor Award - Unbuilt Category**

**American Institute of Architects Orange County Chapter**  
American Red Cross Southern California Region Blood Center  
Pomona, CA

**2004 External Partnering Team Award**

**US Army Corps of Engineers, Philadelphia District**  
Charles C. Carson Center for Mortuary Affairs  
Dover, DE

## FIRM PROFILE

**2008 New Jersey Smart Growth Award**  
Cooper University Hospital  
Camden, NJ

**2007 Honorable Mention for Healthcare Facilities Design**  
**Modern Healthcare magazine**  
North Shore LIJ Center for Advanced Medicine, Montefiore Cancer Center  
Lake Success, NY

**2007 Excellence in Structural Engineering Outstanding Project Award**  
**Delaware Valley Association of Structural Engineers (DVASE)**  
Cooper University Hospital  
Camden, NJ

**2007 Best in Category, Institutional**  
**International Masonry Institute**  
Memorial Sloan-Kettering Cancer Center  
Basking Ridge, NJ

**2007 New Good Neighbor Award**  
**New Jersey Business & Industry Association**  
Memorial Sloan-Kettering Cancer Center  
Basking Ridge, NJ

**2006 Honorable Mention Award - Built Work**  
**American Institute of Architects, Orange County Chapter**  
American Red Cross Southern California Region Blood Center  
Pomona, CA

**2006 Citation Award**  
**Educational Design Excellence in American School and University**  
Lankenau Hospital Walter and Leonore Annenberg Conference Center  
for Medical Education  
Wynnewood, PA

**2006 Best of Year Merit Award from Interior Design Magazine**  
Bayhealth Medical Center - Center for Women and Infants  
Dover, DE

**2006 IIDA International Illuminating Design Section Award**  
**Illuminating Engineering Society**  
Walter and Leonore Annenberg Conference Center  
for Medical Education at Lankenau Hospital  
Wynnewood, PA

**2005 Honor Award - Built Work**  
**American Institute of Architects Cleveland Chapter**  
Walter and Leonore Annenberg Conference Center  
for Medical Education at Lankenau Hospital  
Wynnewood, PA



American Red Cross, Pomona, CA



AtlantiCare, Oncology Center, Egg Harbor Township, NJ - A LEED Gold Certified Building

## FIRM PROFILE

**2010 Award of Merit - Energy and Environmental Design**  
**Illuminating Engineering Society North America**  
**Orange County Section**  
City of Hope Medical Center  
Amini Transfusion Medicine Building  
Duarte, CA

**2010 Award of Merit - Interior Lighting**  
**Illuminating Engineering Society North America**  
**Orange County Section**  
City of Hope Medical Center  
Amini Transfusion Medicine Building  
Duarte, CA

**2009 IIDA International Illuminating Design Honorable Mention -**  
**Healthcare Practice Space**  
**Illuminating Engineering Society**  
Cooper University Hospital  
Camden, NJ

**2009 Lumen West Award - Overall Excellence in Lighting Design**  
**Illuminating Engineering Society North America**  
**Los Angeles, Orange County & Inland Empire**  
Loma Linda Cancer Center  
Loma Linda, CA

**2009 Lumen West Award - Top Section Award for Energy /**  
**Environmental Design**  
**Illuminating Engineering Society North America**  
**Los Angeles, Orange County & Inland Empire**  
Loma Linda Cancer Center  
Loma Linda, CA

**2009 Lumen West Award - Top Section Award for Interior Lighting**  
**Illuminating Engineering Society North America**  
**Los Angeles, Orange County & Inland Empire**  
Loma Linda Cancer Center  
Loma Linda, CA

**2009 Illumination Design Award**  
**Illuminating Engineering Society North America**  
**Philadelphia Chapter**  
American Red Cross, Atlanta Campus  
Atlanta, GA

**2008 IIDA International Illuminating Design Award of Merit**  
**Illuminating Engineering Society**  
Geisinger Health System  
Center for Health Research  
Danville, PA

"I think you and your firm do excellent work...I felt obliged to inform the hospital of our satisfaction. This was done through conversations and also tours... I can assure you that everyone was very impressed by your work. So, congratulations for having done a great job..."

*Richard Challes*  
*Business Director*  
*Lehigh Magnetic Imaging Center*



Lankenau Hospital, Annenberg  
Conference Center, Wynnewood, PA