Recognizing Excellence in the Stone Industry

Pinnacle Awards
MIA+BSI's prestigious Pinnacle Awards honor stone companies around the world for projects that stand out above the rest. Again this year Marmomac will present a Grande Pinnacle Award to an architect from the firm involved with the winning project. In addition, that architect will win a trip to Marmomac to attend Veronafiere's week-long continuing education program on designing with natural stone.

MIA+BSI Natural Stone Scholarship
The MIA+BSI Natural Stone Scholarship was established to provide educational opportunities for aspiring fabricators, installers, or administrative apprentices interested in furthering their careers within the natural stone industry. Funds are made possible through the generous donations of MIA+BSI members worldwide.

MIA+BSI Natural Stone Craftsman of the Year
The MIA+BSI Natural Stone Craftsman of the Year Award is designed to recognize the skilled individuals who craft and install stone and train the young people who are the future of the natural stone industry. There is nothing more important than excellence in craftsmanship to get the most out of nature's finest and most beautiful building material.

The 2016 award winner was chosen by the MIA+BSI Board of Directors and three past presidents.

Migliore Award for Lifetime Achievement
The Migliore Award for Lifetime Achievement was established in 2003, to recognize an individual who has made extraordinary contributions to the natural stone industry and MIA+BSI. The award is named for MIA's long-time technical director, the late Vincent R. Migliore, who was the first recipient.

The 2016 award winner was chosen by the MIA+BSI Board of Directors and two past presidents from nominations submitted by the MIA+BSI membership.

Women in Stone Empowerment Scholarship
The Women in Stone Empowerment Scholarship recognizes a MIA+BSI member with a strong passion to grow their career within the stone industry. Applicants are considered who have not yet had the opportunity to attend one of the key industry events: TISE, Coverings, or an annual MIA+BSI Study Tour.

Women in Stone Pioneer Award
The Women in Stone Pioneer Award recognizes an advocate within the stone industry for their role in recruiting, retaining, and advancing women. The winner's performance in promoting women should be exemplary, honorable, and inspirational.

The Person of the Year Award
The Person of the Year Award is an important annual recognition that has long been part of the Building Stone Institute legacy. Following the tradition of the award, this year’s Person of the Year has given exceptional contribution and leadership to MIA+BSI, as well as mentoring and guidance to its Executive Vice President.

JURY PANEL:
Craig G. Copeland, AIA LEED® AP BD+C
Associate Partner
Pelli Clarke Pelli Architects
New York, NY

Andrew J. Gutterman,
Landscape Architect
Sasaki Associates
Watertown, MA

Tess Schiavone, RA, LEED AP, Principal
Gustafson Guthrie Nichol
Seattle, WA

Chuck Muehlbauer
Technical Director
MIA+BSI

Pinnacle Awards
All Pinnacle Award of Excellence and Merit winners were given the opportunity to invite an architect from the firm involved in their winning project to TISE 2017. With the generous support of Informa Exhibitions, these award-winning architects receive three nights lodging in Las Vegas. Marmomac also invites the winning architects to take part in a full-day educational program held during TISE 2017.

Special awards will be presented for Kitchen of the Year and Bath of the Year, sponsored by Vitória Stone Fair-Marmomac Latin America. Winners will receive a free trip to the 2017 event, held in Espirito Santo, Brazil.

MIA+BSI Women in Stone Pioneer Award
The Women in Stone Pioneer Award recognizes an advocate within the stone industry for their role in recruiting, retaining, and advancing women. The winner's performance in promoting women should be exemplary, honorable, and inspirational.
As the stone industry comes together once again in Las Vegas for TISE, MIA+BSI is thrilled to welcome you to our annual Awards Luncheon, honoring the recipients of our 2016 awards program. We gather together to recognize excellence in the stone industry.

Our individual awards celebrate the people who give strength to the stone industry. The Natural Stone Scholarship recognizes an individual who strives to advance their knowledge and experience. The Craftsman of the Year Award celebrates a career of great skill, leadership, and mentoring in the trade. The Migliore Award for Lifetime Achievement is given to a leader that has made an impact on the industry through achievements and volunteerism. New this year, Women in Stone has introduced two awards: the Empowerment Scholarship, which is given to a woman new to the industry, and the Pioneer Award, which recognizes a mentor, role model, and leader who has advanced the role of women in the natural stone industry. This year we are also proud to include a BSI tradition of honoring the Person of the Year, an individual who has put in a great deal of service to both BSI and MIA over the past 12 months and has been instrumental in the success of our combined organization.

The Pinnacle Awards recognize projects that feature outstanding use of natural stone in the categories of Commercial Interior and Exterior, Residential Interior/Exterior, and Renovation/Restoration. The Kitchen of the Year and Bath of the Year awards recognize the best projects in those categories, and the Grande Pinnacle Award recognizes the best overall project. Thank you to all MIA+BSI member companies that submitted entries this year. The quality of projects submitted this year made the judging very difficult. We continue to be impressed by the creativity and craftsmanship of the natural stone industry.

We recognize the companies that have achieved Accreditation in 2016 and congratulate them for their commitment to excellence and the age old tradition of high quality stone craftsmanship.

I would also like to personally thank BSI president Aaron Hicken for his leadership this year. The collaboration between the BSI and MIA leadership teams during year one of the two-year joint venture has been extremely positive for the industry.

Again, please join me in congratulating all of our winners and members of the Accreditation Class of 2016.

David A Castellucci, MIA President 2016
Minnesota State Capitol
St. Paul, Minnesota

The Minnesota State Capitol exterior stone restoration may just be the largest and most complex restoration project the United States has ever seen. Stone field measuring, fabrication, installation, and carving took place over a four year period without breaks from the harsh Minnesota winters. The project architects used the same White Georgia marble selected by the building’s first architect, Cass Gilbert, 115 years ago. This selection resulted in a final product where the new stone matched perfectly in color and veining to the original building stone. The project architects took great care in preserving as much original stone as possible. In the end, 4,000 new stones were supplied. Each stone required its own set of shop tickets plus patterns, which ultimately made each stone unique for installation and blending into the existing façade.

Established MIA+BSI companies Polycor and Twin City Tile and Marble Company had key roles in making this project a success. Polycor, owner of the White Georgia quarry, coordinated the block selections and all fabrication. Twin City Tile and Marble Company performed the field measuring, job site scheduling, and ornamental stone carving. Five separate stone companies from North America and Italy fabricated the stone with three being MIA+BSI companies; Tennessee Marble Company, Italmarble Pocai, and Cutting Edge Stone. Success in communication between all stone team members resulted in less than a 1 percent fabrication error rate and kept the stone schedule on time and within budget. In the end, it was a team effort by all stone companies. As project architect Virginia Lackovic wrote: “The work will endure for generations to come, as will the friendships and working relationships developed in the process of this ambitious undertaking.”
Award of Excellence: Renovation/Restoration

MIA+BSI Member Companies:
- Polycor, Inc.
  Quebec City, Quebec
  Stone Supplier
- Twin City Tile and Marble
  Eagan, Minnesota
  Stone Fabricator | Stone Installer
  Stone Carver
- Italmarble Pocai
  Massa, Italy
  Stone Fabricator
- Tennessee Marble Company
  Friendsville, Tennessee
  Stone Fabricator
- Cutting Edge Stone, Inc.
  Alpharetta, Georgia
  Stone Fabricator
- Bonstone Materials Corp.
  Mukwonago, Wisconsin
  Supplier

Other Project Team Members:
- State of Minnesota
  Client
- HGA Architects and Engineers
  Executive Architects
- Wiss, Janney, Elstner Associates, Inc.
  (MIA+BSI Member Company)
  Restoration Architects and Engineers
- JE Dunn Construction
  General Contractor
- Traditional Cut Stone
  Art Cubus International
  Stone Fabricators
- Mark 1 Restoration
  Stone Installer | Stone Carver
- Kuehn’s Drafting Services
  Stone Tickets and Digital Templates

Stone:
- White Georgia Marble

“The number of disciplines working together on this project is exemplary and shows overall quality throughout. You can’t tell where one contractor’s scope ends and another starts—true teamwork.”

“A very thorough renovation of a very complex façade. It’s no wonder that it took the collaboration of so many MIA+BSI members.”

“A monumental task accomplished with great skill and teamwork!”
MIA+BSI Member Company:
Rugo Stone, LLC  
Lorton, Virginia  
Stone Supplier and Installer

Other Project Team Members:
University of Virginia  
Client  
John G. Waite Associates, Architects PLLC  
Architect  
The Whiting Turner Contracting Company  
General Contractor  
Mario Pedrini Srl  
Stone Fabricator

Stone:
Carrara C Marble

“The UVA Rotunda Renovation” replaced the 16 marble capitals of the University of Virginia’s Academic Village Rotunda, a UNESCO World Heritage Site designed by Thomas Jefferson, the Third President of the United States. An 1895 fire destroyed the original capitals carved by the Ricci family of Carrara, which were then replaced with columns from an alternate source. In 2013, with the replacement columns crumbling, the University contracted with Rugo Stone, LLC to restore the capitals. Lacking a complete capital, detailed photographs, or original drawings, Rugo Stone and its stone carver, Mario Pedrini of Carrara, used a 3-D scanning technique to recreate the original capital design. Having only the remaining fragments of single lower capital base, a full 1/4 section capital model was created. First starting with a drawing, then a clay model of the upper part of the capital placed on top of the lower part reconstructed in marble. The model was then scanned again, and a digital design of the whole capital was created and passed to fabrication. Within 10 months, 6-axis robotic machines shaped 80 percent of each capital, which were then completed by skilled carvers.

To preserve the Rotunda’s integrity and proximal historical structures, Rugo Stone designed an innovative lateral conveyance system that allowed for lifting and lowering those heavy and fragile capitals onto a 30-45 foot high scaffolding and further moving and installing through a system of rails feeding each column. The entire procedure was completed with 4-5 men, over the course of a few weeks, and without any incident.
Energy Center III
Houston, Texas

Energy Center III is a 546,000 square foot, twenty story, Class A office building located on a prime 18 acre site in Houston’s Energy Corridor.

Camarata Masonry Systems, Ltd. (CMS) was responsible for the procurement and installation of over 7,100 square feet of Gascogne Beige limestone flooring, 1,620 square feet of Arabescato marble flooring and walls, 6,700 square feet of Persian Red Travertine walls, 2,500 square feet of Calacatta Cervaiole marble walls, and 10,500 square feet of Rajah Black granite pavers/steps/planter veneer.

The lobby wall was designed by the architect to have a visual effect of stepping in and out as it extended upward. This was accomplished by using 3, 5, and 7 cm thick wall panels. All stone was dry laid in Italy with each stone’s location preapproved. The fragile Persian Red travertine (having pieces in excess of 350 pounds and 7 feet in length) was rodded to avoid breakage during shipping and installation. Any breakage would make it next to impossible to match adjacent stones. The extreme weight of the stones coupled with offset centers of gravity necessitated the use of engineered mechanical anchorage supporting each piece. The outward rotation loads of some of the pieces and the random locations of the anchor attachments dictated that the substrate be stiff and accommodating. The stone anchorage was secured to a reinforced CMU substrate which was supplied and installed by CMS.

The Calacatta feature wall was initially designed to have backlit white glass panels. After construction, the owner determined that this was not the desired look. CMS supplied Calacatta Cervaiole marble months after substantial completion of the building and incorporated the same blind anchorage system utilized by the glass subcontractors, thereby allowing erection on the previously installed support grid. The wall stones are absent caulk and separated horizontally and vertically by decorative metal strips.

The seemingly random appearance of the Persian Red travertine wall is broken by polished Arabescato marble strips that continue through the Gascogne Beige limestone interior floor and align with the exterior plaza strips visible through the mullionless glass storefront.

“Color control of a difficult stone is very impressive; workmanship is flawless!”

“Bold, beautiful design flawlessly executed.”
Talan Towers
Astana, Kazakhstan

Located in Astana, Kazakhstan, Talan Towers is a high rise building consisting of a podium and two towers hosting a Ritz Carlton Hotel, office, and retail space. Having a surface area of 635,000 square feet, 393,000 square feet of which are covered with a unitized façade system, Talan Towers combine glass, metal and stone to form a unique picture.

Designed by SOM Architects of New York and built under the responsibility of Turner Construction Co., JMS Jura Beige Limestone blends perfectly with the choice of glass and aluminum, accentuating the geometrical shapes of the building and adding to the light and filigree appearance. Located in the heart of Kazakhstan’s capital, it is one of the most modern landmark buildings of this pulsating metropolis.

JMS Jura limestone was selected at the quarries and processed in five factories, making sure to meet the design intent and the challenging timelines.

Within five months, a total of over 264,000 square feet of stone was produced and shipped to priority order of the façade contractor Metal Yapi of Istanbul, Turkey.

It was shipped out of JMS factories in Germany over a distance of 3,100 miles to Kazakhstan by a total of 100 trucks, thereby enabling the installer to unitize the façade elements in the site factory just in time.

“The stone is beautifully woven in the façade providing colorful texture that helps animate the architecture.”

“This stone brings a warmth to the building that is missing in most towers.”

MIA+BSI Member Company:
JMS Jura Marble Suppliers
Eichstaett, Germany
Stone Fabricator and Supplier

Other Project Team Members:
Astana Property Management
Client
SOM Architects
Architect
Turner Construction Co.
General Contractor
Metal Yapi Holding
Stone Fabricator and Installer
AFC Aluminum Fassaden Consulting
Façade Consultant

Stone:
Jura Beige Limestone

Stone Fabricator and Supplier
JMS Jura Marble Suppliers
Eichstaett, Germany

Client
Astana Property Management

Architect
SOM Architects

General Contractor
Turner Construction Co.

Stone Fabricator and Installer
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“This stone brings a warmth to the building that is missing in most towers.”
Mitchell Master Bath
Huntsville, Alabama

When the Mitchells built a new Tudor-style residence in Huntsville, AL, they wanted an awe-inspiring master bathroom where they could relax in luxury. They commissioned Janna S. Collins of Matheny Goldmon Interiors in Huntsville, AL for this task.

Janna Collins designed the bathroom and worked with Werner Stark of Ceramic Harmony on the layout and floor design. All stones (marble and Brazilian quartzite) were selected by the clients and Janna Collins. After the stones were selected, a waterjet pattern was used to break up the large floor space. The field pattern consisted of Calacatta Caldia marble bordered by Perla quartzite, and the tub platform was fabricated out of Perla quartzite. Both vanities and sinks were custom fabricated out of Perla quartzite. Since the Mitchells wanted a large shower, a design was created incorporating Perla quartzite large size slab panels around the shower wainscot and capped them with a custom molding. The walls above the wainscot (up to approximately 10 feet) were clad with Calacatta Caldia marble large size slab panels and again capped with a custom molding. Above these moldings, large size Perla quartzite slab panels were placed up to the ceiling. The ceiling received large Calacatta Caldia marble slabs trimmed with a custom crown molding. The windows and shower casing was made with Calacatta Caldia marble and Perla quartzite custom fabricated trim. The shower floor was designed with a custom fabricated channel covered with a matching Calacatta Caldia marble slab.

All fabrication was done in house at Ceramic Harmony’s state of the art fabrication facility. The cutting of the floor pattern was done with a waterjet and the profiles, trim, edges were done on an Intermac CNC machine and finished by hand. Sinks, vanities, and all final finishing and touch up work was performed by Ceramic Harmony’s stone craftsmen.

Stone:
Calacatta Caldia Marble
Brazilian Perla Quartzite

“Beautiful design. The selection of stone was critical to success.”
“Simple, elegant design and well executed.”
Kitchen of the Year

Private Residence
Weston, Massachusetts

Nestled into the serene suburban landscape of Weston, Massachusetts, this remarkably clean, crisp, modern gourmet kitchen is a celebration of functional design and stunning aesthetics. Conceived by Erica Brady of Downsview Kitchens of Boston, the striking palette of brushed metals, rich ebony woods, high-gloss gray lacquered cabinetry, and polished Calacatta Saturnia marble creates a feeling of drama and elegance perfectly suited for entertaining.

United Marble Fabricators was tasked with transforming 1-1/4 inch polished Calacatta Saturnia marble slabs into mitered countertops and commanding mitered cooking and eating islands, as well as a dramatic full-height backsplash that evokes the romantic notions of traditional home cooking.

Considerable time and attention to detail was paid by all parties-designer, builder, and fabricator-at the onset of the project to select a marble material which would not only satisfy the aesthetics of the project but allow for precision mitering to create the faux six-inch thickness that is seen at the front of the stove and the two-inch thickness seen at all other exposed edges. Once the material selection was finalized, all of the time and attention turned to the layout. Using high-resolution photography of the slabs, a digital rendering of the mitered countertops, islands, and full height backsplash was created showing how each part fit on the seven slabs in order to maximize each and every matching vein and striation in the kitchen.

The final result is an unmistakable expression of modernism, highlighted by the precision craftsmanship of the polished marble surfaces throughout this suburban kitchen. This project is a true celebration of craftsmanship, technology, and energetic collaboration resulting in a gourmet kitchen that will continue to delight this young family for years to come.
St. Francis of Assisi Church  Staunton, Virginia

Renovation projects where existing materials and designs must be matched can bring a host of challenges. The St. Francis of Assisi Catholic Church renovation in Staunton, Virginia proved no exception. The church needed to replace the existing serpentine material that was failing, while keeping the existing limestone material in place. Ultimately, granite fabricated with exact precision provided the ideal solution to preserve St. Francis of Assisi’s legacy.

More than 100 years after original construction, the existing serpentine had deteriorated to such an extent that safety had become an issue. The church initiated fundraising efforts and began making plans for upcoming renovations.

After an extensive search for a close match to the existing serpentine, the church found Mountain Green® granite to be an ideal material. The church’s exterior renovation began in the spring of 2015. Originally built by hand, many of the serpentine pieces were very irregular in size. Matching the existing pattern presented a true challenge.

To match the serpentine pattern of the 120-year-old stones, the granite fabricator used 3D scanning technology. A complete scan of the church produced a 3D model, which was then converted into 2D documents. Next, the granite fabricator used the 2D drawings to create a 3D Revit model to ensure the new façade would replicate the existing with complete accuracy. In total, 6,706 4-inch cubic granite pieces in Mountain Green with a split finish were produced and installed. The church restoration was completed in May of 2016.

The Arcade  St. Louis, Missouri

The Arcade Building, built in 1913 and listed on the National Register of Historic Places, contains 500,000 square feet and occupies a block in the heart of downtown Saint Louis. Named for the spectacular two-story interior rib-vaulted shopping arcades found in Italy, it housed top-notch retail merchants in its first six floors and offices above. The 19 story building, abandoned since 1978, was renovated in 2015 to provide 282 upper floor apartments and commercial and educational space in the restored “arcade.”

Ford Marble and Tile provided a historical restoration package; the main goal was to use as much of the site’s reclaimed stone and original application techniques when possible. After exhaustive inventorying, the company restored and refabricated 301 stone slabs and 3009 floor tiles and integrated 280 new panels seamlessly. All work was completed from Ford’s onsite basement fabrication shop.

For the showcase arcade on the mezzanine, Ford replaced missing Spanish black marble and damaged wall base with original stone and used 100% reclaimed, refabricated Tennessee Pink marble on the grand staircase, wall base, and surrounding floor tiles. In the lobby and on other floors Ford restored old panels and tiles and expertly integrated new product where required.

Visitors and tenants entering from North, South, East or West enjoy the elegant Arcade and historically preserved halls and elevators throughout the building.
**Award of Merit: Renovation/Restoration**

9 Commonwealth Avenue  Boston, Massachusetts

The refined exterior of 9 Commonwealth Avenue is the result of a substantial, joint venture restoration project. The façade of this townhouse, one of two symmetrically designed homes originally built in bustling downtown Boston in 1861, was tailored with a now-extinct sandstone. The initial challenge was to find a reliable and unadorned stone match to recapture the spirit of this elegant two story entry and weave into the compatible design of its twin neighbor. In approving VSA Buff sandstone, the design team gave Vermont Stone Art the opportunity to sculpt out their goals for providing the flanking entrance pilasters, Acanthus ornamented capitals, engaged, recessed paneled columns, pedestal piers, stilted Roman arches, and balustrades, which attract visitors to this French Academic style townhouse.

The next challenge was to generate data to replicate the entire stone façade. A field survey was conducted in order to examine the existing framework of design and capture the existing stone. Photogrammetry and a Laser Total Station were used to survey the deteriorated stones. These were imported into CAD and dimensionally corrected with manual measurements from the field survey. Each element of the replacement façade was fully detailed and sent to fabrication.

These means of generating the data to manufacture the stones assured that installer Sean Cahill was able to assemble with ease. The resulting exterior is a no-frills sandstone base material, contrasting with the intricate curvature of tooled accents and drawing in spectators with its classically fresh sculptured exterior.

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**Award of Merit: Residential Interior/Exterior**

Peirce Hill Residence  Singapore

Peirce Hill Residence redefines modern luxury living with a stylish lavishness. The house is designed with the sublime simplicity of a church. The pure form of the building complements the steep terrain and the curve building accentuates elegance and sophistication.

This project is completed with exquisite natural stone finishing on a grand scale; a total of 21 different types of semi-precious stones, marbles, limestones and granites (equivalent to approximately 84,000 square feet).

Precision fabrication was the key feature for this project. White Rose marble was supplied in huge quantity (22,000 square feet) with extensive planning, selection, and inspection to ensure harmonious tonality and characteristics within the whole house. The added challenge was the “fan-shaped” floor design, following the shape of the house. Each of the uniquely-sized floor marbles went through stringent pre-installation inspection. The unique sizes were water-jet curve cut to exact shape.

It was an audacious decision to use three different Semi-Precious stones (Agate Blue, Yellow Quartz and Agate Moss) in three circular-shaped powder rooms. These stones were backlit because of their translucent properties. All three rooms have limited area and constraints. Due to the extravagant prices and uniqueness of the selected stones, precision setting and fabrication was a vital element to each and every piece of stone used in the house.
Monumental Staircase  Washington, DC

Originally built circa 1815, The Ambassador Bruce House is arguably the most storied private home in Georgetown. Purchased in 1941, Ambassador David K.E. Bruce and his wife, Evangeline Bell Bruce, were its most famous owners. In 1945, they commissioned improvements including the renowned Rose Greely-designed landscape and the addition of a 34 foot ballroom. In 2015, the property was purchased and an extensive restoration was undertaken, including the grand staircase which connects the living room down to a mid-level exit into a garden courtyard and grand ballroom. It continues down to the lower level, which houses a wine cellar and game room. The staircase is constructed of solid blocks of Olympian White Danby marble from Vermont. Over 500 cubic feet were quarried for this staircase. The same stone was used to match the Thomas Jefferson Memorial (1945). The complex cantilevered requirements from the design team posed numerous technical challenges. The only structural components of steel were landings at intermediate and top landings. The balance of the staircase is supported using specialized engineering along with only 3-1/2 inches of tread/riser combo inserted into concrete and block faced radial wall. All tread/risers are solid stone pieces cut from 7-1/2 inches to 9-1/2 inches thick stone slabs. The entire staircase had to be dry fitted to blend any minimal discrepancies in manufacturing at the Marmi Natural Stone factory. Marmi Natural Stone also designed, manufactured, and installed a 50 foot assembled miniature tower crane to be able to install in the center of stair opening and access total span of the installation area.

Award of Merit: Residential Interior/Exterior

Inspiration Slope/Green Hills Memorial Park  Rancho Palos Verdes, California

Over twenty years ago, Green Hills Memorial Park began a vision of expansion in the cemetery to include every possible option for burials, including gardens and estates, anchored by a signature mausoleum building. The Inspiration Slope Mausoleum project fulfilled this vision and the stone selection was the major part of this accomplishment. The Green Hills Management Team worked with architect Patrick Fly, mausoleum builder McCleskey Construction Co., and stone supplier ASI Stone Imports, Inc. to create a building that achieved an aesthetically pleasing design. To select the stone that would satisfy their expectations, the team went to Marmomac in Verona, Italy, the largest annual exhibition of stone in the world. The stone selected for its remarkable beauty was from the marble quarry known as Palissandro, north of Milan, Italy. A.S.I. worked in conjunction with fabricator Bruno Rogari, who was familiar with the special aspects of this stone. Three variations of stone (Bronzo, Bronzetto, and Tigrato) were chosen for different areas of the building. The client requested the marble to be cut and installed with continuous vein matching on each elevation, some of which were over 100 feet long. If even one piece was broken in fabrication, shipping, or installation, it would compromise the appearance of the entire elevation. The stone became the “wow” factor in the equation of the entire design. The commitment and determination incorporated into the creation of Inspiration Slope Mausoleum have been the basis of a story of inspiration in and of itself.
**Award of Merit: Commercial Interior**

**Hungarian Chapel**  Washington, DC

This small yet ornate chapel is dedicated to the Hungarian people and their patron St. Stephen. It is co-funded by the Hungarian government and the Catholic Cardinal of Hungary. The stone used in the chapel was quarried in Hungary. The main color (buff Sutto limestone) has a long history of use in Hungary, and the main accent (Royal Hungarian Red marble) has been used in such important sites as the Saint Stephen’s Cathedral in Budapest. This rich marble adorns the altar, the entry solid column shafts, the floor, and the frames of the bas-relief carvings. The minor accent (Siklos Green marble) is a very rare marble used in the Hungarian Parliament mosaic floors. Although it is no longer quarried, Rugo Stone was able to find a small amount to use in the floor. The entire Hungarian stone pallet was fabricated for 1/16 inch joints and fully dry set to ensure uniform color range and precise alignment. Most of the carving was done by hand, including all 24-carat gold leafed lettering, the altar rosette, and three bas-reliefs depicting the baptism of St Stephen, St Stephen presenting the Crown Jewels, and the Hungarian Coat of Arms. The focal point—the Hungarian Madonna—was also made by hand, using Venetian glass mosaic installed on portland cement-based substrate. The antique oak wood beams were challenging to source and their installation required structural steel work along with support walls masonry.

Rugo Stone thoroughly supervised and mentored the Hungarian fabricator on an extremely complex design. This very complex project is an example of old work craftsmanship and artistic execution.

**Award of Merit: Commercial Exterior**

**National Museum of African American History and Culture**  Washington, DC

After nearly 10 years of planning efforts, the Smithsonian Institution broke ground on Feb. 22, 2012 for the National Museum of African American History and Culture. It is the only museum dedicated to documenting the history, life and culture of African Americans. Located on a 5-acre site on the National Mall, the museum’s 322,600 square foot design is distinctive among other structures. Its façade consists of 3,600 customized cast-aluminum panels known as the Corona. Approximately 37,000 square feet of Mesabi Black® granite in various finishes were used for numerous hardscape elements such as paving, wall facing, wall coping, steps, curbs, benches, and bollards. A majority of the stones for the project were modeled in 3D software, which ensured the designs met expectations. CNC technology was critical for creating the intricately crafted cubic granite wall encompassing the site’s perimeter. A combination of polish coping and Diamond® 8 facing was selected for the museum’s north wall, which serves as the main entrance. The less reflective Diamond® 8 finish was selected due to concerns over too much reflection off the wall at the highly traveled entrance. Bench seats feature a polished finish, and the curbing features Diamond® 8. The paving—encompassing 25,000 square feet of granite—and stair treads feature Diamond® 10, which is an ideal slip-resistant finish. The museum is designed for LEED Gold certification and was opened by President Barack Obama in September 2016.
Aga Khan Park  Toronto, Ontario, Canada

Aga Khan Park is a campus-like property in the heart of Toronto’s geographic centre consisting of the Ismaili Centre, the Aga Khan Museum, and a Formal Garden with reflecting pools. Juxtaposed against a backdrop of commercial buildings and the sounds of a nearby highway, the park consists of three main stone elements designed for generations to come. Situated on 17 acres, it is a gift to Canada from His Royal Highness, The Aga Khan, for the country’s commitment to pluralism and cultural diversity.

A 300 million dollar investment, the Aga Khan Park is a remarkable site that blends exceptional design with nature. It is an oasis of stone amidst rolling hills, trees, and reflecting pools. There are approximately 90,000 square feet of stone cladding and architectural stone elements that comprise the two main buildings, pool, and landscape features. Unique stone selections such as Margherita White granite and Dalma Cream limestone combine with precise architectural details on the two main buildings to create movement and flow and promote the unity of art, spirit, and nature. Overall, the Aga Khan Park conveys a spirit and feeling of tranquility that evokes many thoughts and emotions and stimulates the senses in a variety of ways. Natural stone is a timeless, noble and natural material that captures the essence of the Aga Khan Park and succeeds in highlighting the site’s design and grandeur.

Indianapolis Temple  Carmel, Indiana

Clad with nearly 36,000 square feet of intricate and cubic Aero Cream limestone, the Indianapolis Temple radiates both quality and elegance. When designing the temple, the architects took inspiration from Indianapolis’s historic Monument Circle as well as the symbols synonymous with the state of Indiana. The resulting edifice incorporates classical architecture with an Egyptian influence. The inspiration from Monument Circle is reflected in the Temple’s two stately spires, each created from carved limestone. The taller of the two reaches 86 feet above the roof, 150 feet from the ground. Additionally, the flowering bud of Indiana’s state tree, the Tulip Poplar, is carved into the stone window surrounds. The temple’s panelized-limestone entablature also features carved frieze elements, including the leaf and flower motif repeated throughout the building.

Each elevation features a portico, with two stately columns framing the main entrance on the east side. The south and west side porticoes each have four columns, while the north portico has five columns. These fifteen limestone columns were designed with plinth bases and capitals in the Doric order. Fluted limestone pilasters were incorporated between the exterior windows. Each of the ten pilasters is detailed with a profiled base and Egyptian-inspired capital. In addition to the ornate cladding, 16,000 square feet of granite site work surrounds the temple, creating a tranquil setting for its many visitors.

“Carefully designed with stone integral to its concept.”
The Vermeer  Vancouver, British Columbia

The Vermeer is a fully natural stone clad multi-residential building. The owner’s motivation was to build a classical structure that would recognize the family matriarch within one of Vancouver’s trendiest neighborhoods. The owner, being of Dutch heritage, wanted nothing less than concrete and natural stone. Red Leaf Stone was selected to draft, fabricate, engineer, and install the stone. Located in a seismic region, and a fair distance from any limestone quarry, value was seen to install with mechanical attachments. The public setting dictated 2-inch-thick stone as the minimum. Because of Vancouver’s heritage of utilizing grey / buff colors for building stone, the architect and owner quickly embraced Indiana limestone. The Indiana Limestone Company was chosen to supply the slab and slab-block material to ensure consistency of material. All secondary fabrication was performed at Red Leaf Stone’s shop in Abbotsford, BC. The nature of the custom aspects of the building necessitated site measuring as work progressed. The climate demanded building envelope engineering; combining this with sub-structure tolerances meant the drafting team needed to be continuously benchmarking from the installation as it progressed. This is a big reason to why the fit around pre-cast balconies is tight, the ashlar is coursed evenly with 3/16-inch mortar joints, and stone banding appears so integral to the design. Red Leaf’s skill and background of traditional hand carvings led the owner to commission six carvings on the front of the building—one representing the family coat of arms, the others maintaining a Dutch influence. The final result is a true testament of art, architectural design, craftsmanship, and engineering meeting together to deliver a magnificent building that is admired by many and contributes to the future heritage of the city of Vancouver.

“Reaffirms the power of stone at any scale.”

“Great selection of stone. The Indiana material is the perfect playmate for the other elements of the façade.”
The natural stone industry was completely unknown to Jan Ligas just a few years ago. After earning degrees in marketing and management in his native country of Poland, Ligas found it difficult to break into the corporate world. He moved to the United States and became an estimator/salesman for a stone company in Ridgefield Park, New Jersey. In 2014, Ligas joined the staff at Wilkstone, LLC in Paterson, New Jersey.

Ligas was fascinated by the industry almost immediately. “I discovered that there was an entire industry behind the marble and granite that people used in their home and office décor,” he said. “I rapidly began to see the potential and creativity in the industry and I was determined to be a part of this world.”

In a letter supporting his application, Joseph Petti, president of Wilkstone said: “Jan is a hardworking man and we would like to see him become an even greater asset to Wilkstone and the stone industry. This scholarship will give him the necessary skills and confidence to further his career and to mentor other young men and women in the future.”

Ligas looks forward to the opportunities this scholarship will bring. “Even though I wasn’t originally looking for it, natural stone has become my passion. Satisfaction, curiosity, and pride in my work helps me expand my skills as I learn more and more about the stone industry. Looking toward the future, I would like to increase my skills in natural stone selection and vendor relations so I could one day move into purchasing. I believe my presence at the 2017 TISE event will significantly boost my knowledge, skills and abilities in my preferred industry.”

Jessica Lussier has been in the stone industry for less than three years, but she already knows this is where she wants to stay. She began her career working in insurance, but truly found her passion when she became Account Manager at Granit Design, located in Stanstead, Quebec, Canada, a small town on the Vermont border. Growing up around granite triggered her interest in the product. “Being in the stone industry has shown me how interesting a work day can really be, and has given me the urge to come in to work every day and learn something new,” said Jessica. “At the age of 25 I already know that I want to spend my workspan at Granit Design, growing with them as they grow. Continuous training and learning is imperative to my future in the stone industry.”

In a letter supporting her application, Jessica’s direct supervisor J.C. Peters, Customer Service Coordinator at Granit Design, said this: “I firmly believe that Jessica represents the essence of what this scholarship is about. She has demonstrated both excellent communication and analytical skills, and has consistently exceeded objectives. Jessica has limitless potential and is well on her way to realizing it.”

Lussier looks forward to the opportunities awarded by this scholarship, saying: “I’m extremely grateful and plan to make the most of this opportunity and share my experience with my colleagues. Continuous growth is extremely important in this industry and Women in Stone is giving me a great opportunity to do so. This is the perfect opportunity for a go-getter, which is what the women in the stone industry are!”
He has spent the past thirty years carving a niche for himself as a creative stone artist, but Andrew Swinley has never fully received the industry recognition his work deserved—until now. Swinley has been named 2016 Craftsman of the Year.

A lifelong artist, Swinley is currently employed as a Carving Foreman at Red Leaf Stone in Abbotsford, British Columbia, Canada. His appreciation for art began at an early age. Swinley remembers: “When I was about 18 months old, I demonstrated quite an unusual talent for drawing. When I was a bit older, maybe nine or ten, I had an epiphany that I wanted to do sculpture and carve figures.”

Swinley began his career at the age of 20 as an apprentice stone mason at Cathedral Works Organization in Chichester, England, where he focused almost entirely on restoration. He pursued a degree in Figurative Sculpture from The City and Guilds Art School in London, then returned to CWO, where he was mentored by Douglas Garland, one of England’s finest letter cutters. After twenty years working as a self-employed stone carver, Swinley and his wife, Debra, moved to Western Canada for a position with Architectural Stonemasonry, a division of Red Leaf Stone. Swinley was familiar with the company because he had known Shop Manager Tony Rogac since the 1980s, when they both trained in stone masonry at CWO. In a letter nominating Swinley for this award, Rogac wrote:

“Andrew is a traditional stonemason and architectural carver; a man passionate in promoting the skills of his craft. His training and experience give him a unique insight into what is possible in stone. Andrew’s work portrays an air of confidence as he executes his work efficiently and determinedly, without hesitation. He is a direct carver, proceeding into the block without needing the aid of clay models or maquettes, having already predetermined in his mind’s eye the eventual outcome. Like all good carvers, he is prepared to be adaptable in the process.”

Steffen Waite, President at Red Leaf Stone, feels that Swinley’s experience brings a new dimension to their business. He commented: “His skill set, leadership skills, and artistic vision separate us from other companies. As we build awareness of Red Leaf Stone and Andrew’s carving skills, we are seeing architects renewing a passion toward classicism.”

One of the projects which showcases Swinley’s talents is The Vermeer, a natural stone-clad multi-resident building in Vancouver, British Columbia which features six hand carvings on the front of the building. The project was given an Award of Merit in the 2016 Pinnacle Awards.

Swinley has been passionate about passing on the knowledge and techniques he accumulated over his extraordinary career. His leadership style reflects that of a modern day sculpture studio, one that balances the growth and mentorship of craftspeople while still maintaining an eye on meeting business objectives. Swinley supervises two other carvers at the shop and runs the drafting department. He is an integral part of the entire operation. He said: “I like to help young people because I don’t want the trade to die. It is essential that the trade doesn’t die.” Rogac remarked: “When you are passionate about something, then you want to see excellence. When you have excellence in yourself, you want to see that brought out in others. That’s what Andrew does.”

Swinley is grateful for this award and the opportunities it will bring, saying: “Winning the Craftsman of the Year Award means so much to me, because it was given to me by my peers. It’s gratifying, and I finally got recognition in my field. It means even more to me than shaking the Queen’s hand.”
With over 35 years of marketing experience, Kathy has spent the past decade advocating for advancing leadership and sustainability within the natural stone industry. She has been instrumental in helping the industry at large tell its sustainability story while achieving significant milestones in the sustainability movement. She has also been a longtime, active member of BSI’s editorial committee, helping shape the new Building Stone Magazine, and has been a vocal member of the BSI Board of Directors since 2013. She currently serves as Secretary on the BSI Executive Committee. Cari May, Marketing Manager at Coldspring said: “Kathy will be the first to tell you that while her past experiences have made her who she is today, the past ten years with Coldspring have been the epitome of her career. Kathy is strategic, driven, and motivated. Perhaps her sustainability journey throughout the past ten years lends some light as to why she truly is at the highlight of her career.”

As chair of the Natural Stone Council’s Committee on Sustainability, Kathy has been a driving force in having NSC 373 recognized by the Living Building Challenge, the US Green Building Council, and other regulatory groups. Moe Bohrer, former chairman of the Natural Stone Council, commented: “The natural stone industry is a male-dominated industry. Kathy has overcome numerous obstacles as she has courageously worked tirelessly in promoting sustainability. As a result, she is now recognized throughout the industry as the ‘go-to person’ regarding sustainability and NSC 373.”

When John Mattke, President of Coldspring learned of Kathy’s award recognition, he proudly reached out to Jason F. McLennan, Founder and former International Living Future Institute CEO, to share a thought about the influential role she has played in our industry. As one who has interacted with Kathy for years to help guide Coldspring’s evolution towards sustainability, McLennan shared the following: “Kathy has been an instrumental leader in helping the entire natural stone industry improve its environmental performance through countless hours of advocacy, education, standards review and general leadership. She has had great success both internally in her company as a change agent - and nationally through her work with the stone industry and in support of transformational organizations like the Living Future Institute and the U.S. Green Building Council.”

MIA+BSI EVP Jane Bennett appreciates Kathy’s commitment: “She has an understanding of the material as well as a passionate commitment to advance the effort. Kathy’s role as the NSC Sustainability Chair really satisfied a need in our organization.”

In addition to her work with sustainability, Kathy has also been active in developing the MIA+BSI Women in Stone initiative and continues her work in all areas with a passion for inspiring and leading, mentoring, and developing talent. Kathy serves on the Women in Stone steering committee and in 2016 helped launch the Women in Stone Mentorship Program, which pairs industry veterans and newcomers, providing an important opportunity to build relationships and learn about the industry.

Kathy is presently working on behalf of MIA+BSI with the Women in Stone steering committee to build upon the success of a Speed Mentoring program launched at Coverings in 2016. To assist in bringing the MIA+BSI membership closer together, she is working on the development of a Speed Networking program that will be conducted as part of the MIA+BSI Convention in Daytona this April.

Beyond her work with Coldspring and her involvement in the stone industry, Kathy’s leadership is further exemplified through voluntary service and community involvement, along with teaching strategy and marketing at the Anderson Center for Management and Leadership Development in St. Cloud, Minnesota.
For those who are active in the natural stone industry, Brenda Edwards needs no introduction. In a career spanning more than twenty years, the owner and general manager of TexaStone Quarries has been an active participant in countless industry initiatives and associations. She has held key leadership roles with MIA, BSI, and the Natural Stone Council, and is currently serving on the transitional MIA+BSI Board of Directors. Her company was the first to certify under the ANSI/NSC 373 Sustainability Standard, and her leadership was paramount in the creation of the Women in Stone initiative. “The stone industry is a business I never get tired of,” said Brenda. “There’s no monotony about this industry.”

Brenda prides herself on being a self-reliant success in the construction business, saying: “It’s a man’s world in the industry, and not all men think that women know what they are doing. You have to know what you’re talking about and be straightforward. Having a passion certainly helped. I wanted to know everything about the stone industry.”

In a letter nominating Brenda for this award, Jennifer Sayles, Marketing Manager at TexaStone Quarries, wrote: “The world is filled with two types of people: the leaders and the followers. Brenda Edwards falls into that first category. Not only does she lead; she teaches anyone that wants to learn, she helps anyone in need, she battles any obstacle that comes her way, and she loves this industry—fiercely. Her passion is contagious. Her knowledge is immeasurable. Her generosity is admirable. The very definition of a pioneer is ‘to lead the way.’ Brenda is truly a pioneer for this industry.”

Gracie Morris, owner at NuWa Stone, who has been mentored by Brenda through the Women in Stone Mentorship Program, said: “I am inspired by this woman who has built a successful empire while also managing to NOT be hardened by the trials and tribulations of the business world in a male dominated industry. Although I can only imagine all the hardships Brenda had to endure throughout her journey, I am certain of one thing: she has shown me that it is possible to succeed without sacrificing humility.”

Brie Pfannenbecker, VP of Operations at Connecticut Stone, who has worked extensively with Brenda through Women in Stone, commented: “Brenda’s work to develop Women in Stone has had an immediate impact on the network of women within the industry. Brenda’s impact spans both genders and ensures a brighter, more competent, more dynamic future for the industry as a whole. By recognizing the challenge of bringing women into this industry and more importantly, keeping them in the industry, Brenda spearheaded a movement that will guarantee a more vast, diversified, and dynamic pool of stone industry professionals for years to come.”

Greg Osterhout, VP of Northern Stone Supply, has worked alongside Brenda on many BSI programs. He said: “Brenda has been a true advocate for everything that is great, right, and important in the stone industry. I believe her pioneer attitude has been best displayed as she worked hard with many others to help develop the sustainability standard for natural stone and then lead the industry by being the first to certify to that standard. It was no surprise to me to find her recently ‘all in’ with Women in Stone. The greatest value she brings to the movement is her constant building up, encouraging, and promotion of other Women in Stone. Her hard work and success in the industry has truly paved the way for many other great women to succeed in the stone industry.”
Migliore Award for Lifetime Achievement

Honoring an Individual for Extraordinary Contributions to the Natural Stone Industry
On a typically warm Nashville morning in September 2004, G.K. Naquin, then a 30-year veteran of the stone industry, stepped up to the podium in a large meeting room at the sprawling Opryland Hotel and for two days captivated an audience of 110 stone fabricators with the most thorough industry educational program most had ever experienced. When the seminar was completed and the reviews compiled it was obvious that Naquin had found a new calling—stone industry education. In the 12 years since that day, Naquin has facilitated 40 events as part of the Stone Industry Education Series and at least 50 other sessions at conventions and trade shows.

Naquin’s career in the stone industry began in 1974, when he joined brother-in-law John Blanda and friend Howard Prestenberg in a startup stone company, Intrepid Enterprises. He served as CFO of Intrepid Enterprises for 25 years, before starting his own company, Stone Interiors, in 1997. The company, based in Loxley, Alabama, began as a predominantly residential countertop business, but has expanded to include products for condominiums and other light commercial buildings. A second location in Gaston, South Carolina was opened in 2002, and a third in New Orleans in 2007.

Duane Naquin, G.K.’s son and CEO of Stone Interiors, says that his father taught him the right way to run a business: “You always tell the truth, you’re always honest about what you do, and everything else takes care of itself. He has always been my role model in this business. I look at how he treats people, including his former employees. They have spread around the country, founded businesses, and been successful. In working with him myself I see how he helped motivate them and spur their careers.”

Naquin’s passion for bettering the stone industry is well documented. Tony Malisani (Malisani Inc.), who has worked with Naquin on several association initiatives, commented: “I met G.K. for the first time at the first MIA education event in Raleigh, NC. He was then, and is now, a gentleman with a passion for all aspects of the stone industry. G.K. has used all of his energy to better the industry in every way. He has been an advocate for many, a mentor to some, but an inspiration to all.” David Carnevale (Carnevale & Lohr) agrees: “In my first year as a board member, G.K. took the extra effort to take me into his confidence and make me feel like an important member of the organization, motivating me to step forward and volunteer for more responsibilities. He gave me, without condescension, confidence. G.K.’s knowledge, and his willingness to share it with members, makes him a valuable asset to our industry. More than that, I see his unwavering dedication to the betterment of our industry.”

Naquin initially got involved with MIA in 2003. “I said, ‘it’s really time that I start giving back to the industry,’” said Naquin. “The number one thing I wanted to get involved with was education. It’s important that we pass on what we know in the industry.” According to Naquin, the curriculum for the education program has changed over the years as the countertop business has matured. While initially the program focused on machinery and the basics of fabrication, they now also highlight the matrix of how to run a business. Eric Tryon (Premier Surfaces) commented: “G.K. and his companies have made astounding contributions and advancements to promote the stone industry. However, it is his eagerness and ability to impart his knowledge to others that have been central to his legacy.”

In addition to his work on the MIA+BSI education program, Naquin served as MIA President in 2011 and was also closely involved with the creation of the Accreditation program. His role on the education committee also generated several programs/services that are enjoyed by members today, including five management toolkits (sample business documents, safety training outlines, human resource forms, employee handbook and job descriptions). He has also given presentations at KBIS (the Kitchen and Bath Industry Show) and was among the first to give continuing education classes developed by the association.

His contributions to the industry continue today. MIA+BSI will soon debut a new safety training video that was partially filmed at his facility. He will also lead several Stone Industry Education sessions in 2017.

Naquin reflected on the importance of getting involved in industry associations like MIA+BSI. “If you’re in any industry where you’re making a profit and you plan to building your life around that business, you should be part of an association that promotes that industry; that’s responsive to that industry. Why would I be in any industry I didn’t support? I know it’s going to support me.”