



DECEMBER, 2022

Hank Adams and Gerhard Sauer to Receive 2023 Outstanding Achievement Awards



Henry E. "Hank" Adams



Dr. Gerhard Sauer

We are pleased to announce the results of this year's lengthy Award Committee selection process for The Moles' **2023 Outstanding Achievement in Construction Awards!** Join us at The Moles Awards Dinner on February 1, 2023 at the New York Hilton Midtown hotel, when we gather to recognize the contributions made by Hank Adams and Dr. Gerhard Sauer to the heavy construction industry.

In 1977, Hank Adams participated in the Moles Students Day tour of the 63rd Street Tube Tunnel Project in New York City. It was a pivotal moment as he found his calling to pursue a career in heavy construction—a lifelong commitment for he and his family that also has had a positive impact on Kiewit and the industry.

Hank joined Kiewit in 1979 after graduating from Fairleigh Dickenson University in NJ with a degree in construction engineering technology. While he started in a field engineer role, he steadily grew into superintendent, project manager, district and division manager and executive leadership positions. Today, Hank is Executive

Dr. Gerhard Sauer, founder and co-owner of Dr. Sauer & Partners Corporation ("DSP"), was born the youngest of six children and raised on the family farm in the small community of St. Jakob, Carinthia, Austria. Gerhard received his BSCE (1968) and MSCE (1971) from the University of Technology, Graz, Austria followed by his Ph.D from the University of Karlsruhe, Germany in 1976. While working as a young engineer under Prof. Leopold Müller, Gerhard was involved in the first application of the New Austrian Tunneling Method (NATM) in soft ground in an urban environment (Frankfurt, 1970), where Gerhard introduced rebar-spilling as

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Hank Adams

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Vice President of Kiewit Corporation. Throughout his career, Hank has worked hard to have a positive impact at Kiewit, working side by side with, and leading teams made up of, dedicated, talented Kiewit personnel on dozens of successful projects in the Chicago, Northeast and Mid-Atlantic regions. He currently oversees more than \$2 billion in revenue and has played a key role in the strategic direction of the company as a member of the Kiewit Board of Directors since 2013.

Hank has led, managed and served on several complex, high-profile projects that have reflected his focus on building strong teams, developing talented professionals and delivering high-quality projects. Hank and a dedicated team were instrumental in delivering the Queensboro Bridge Rehabilitation, a two-level, 10-lane bridge over the East River in NYC, that is used by 100,000 drivers each day. On the \$600 million Willis Avenue Bridge project in the Bronx, New York, Hank and his team championed an innovative offsite construction approach that substantially minimized traffic disruptions and reduced client costs.

Following the collapse of the World Trade Center (WTC) in 2001, Hank and his team oversaw Kiewit's accelerated effort to install a new slurry wall that doubled the useable size of the site. The expanded footprint helped pave the way for three new skyscrapers, the WTC Memorial Gardens, and the National September 11 Memorial & Museum.

Hank has consistently taken an active role in the construction industry, including leadership positions in construction, engineering and contractor organizations in New York, New Jersey and beyond. This includes serving terms as President of The Moles (2014) and the Construction Institute of the ASCE. He was inducted into the National Academy of Construction in 2017 and received the **Golden Beaver Award for Supervision** in 2019. Hank received the **Distinguished Alumnus Award** from SUNY-Delhi in 2012, from where he received his Associates Degree in Applied Science.

In addition to his many years of service at Kiewit, he also supports numerous charitable foundations, including The Moles Charitable Fund and is a board member for CureSearch Children's Cancer Research Institute.

Gerhard Sauer

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tunnel pre-support replacing metal sheeting in sandy layers. This simple yet effective solution is now considered standard tunnelling practice around the world.

In 1979, he established the "Büro" (private consultancy) Dr. Sauer in Salzburg, Austria to offer value engineering designs based on the cost effectiveness of NATM compared to traditional tunnelling methods. Following successes in Europe, the company expanded in the US, and the United Kingdom, designing some of the first NATM tunnels in each country, including Wheaton Station and its associated running tunnels, crossover caverns, escalator tunnels and access shafts for the Washington Metropolitan Area Transit Authority (WMATA). These innovative solutions in design and construction (contractor: Illbau, now Strabag) saved millions of dollars for WMATA. The designs also included new membrane-type waterproofing system, never before used in the US, providing for complete watertightness in the tunnels and stations. The contract won the **1987 ASCE Award** for best civil engineering project (National Capitol Section.).

Dr. Sauer has been a highly regarded tunnelling expert with a global reputation for delivering cost-effective, innovative design and construction management services for subway and roadway tunnels, consulting for the cities of London (UK), Ottawa and Toronto (CAN), New York City, Washington, Dallas-Fort Worth

Gerhard has produced a large volume of publications, sharing his knowledge and research, including computation methods for underground structures (i.e., Finite Element methods and Capacity Limit Curves) and patented construction techniques for tunnelling in urban areas (i.e., Doorframe Slab and Barrel Vault Method) and under rivers (i.e., Modified Doorframe Slab Method).

Throughout his career, Gerhard has recognized the importance of mentoring the next generation of engineers. He has lectured, sponsored internships and trained numerous geotechnical professionals. Gerhard is currently developing a comprehensive book about NATM tunnelling, working with other highly respected international experts of the tunnelling industry.



Michael A. D'Annunzio

Awards Committee Chair Michael D'Annunzio P.E. grew up with four brothers in a contractor family where his father (also a Moles member) was a partner in D'Annunzio Bros. Inc., a well-respected company that specialized in utility installation projects from Maine to Virginia and at its peak had over 600 employees. In the late 70s, the company fell on hard times. Mike, along with his dad and brothers, started a new company with only an old station wagon and a 3" pump for their equipment fleet. The new firm, D'Annunzio and Sons Inc., was established in 1981.

In 1987, with his dad's failing health, Mike took lead of the company at the age of 27 and has been at the helm since. The company works extensively in New Jersey and the New York Metropolitan area. In the 1990s, the firm completed multiple highway projects in New Jersey including Route 17; an 8.5-mile section of Route 287; a 6-mile section of the Route 287 missing link from Wayne to Montvale; work on Routes 22 and 70; a major widening of Route 38 in Mount Holly, NJ, along with their largest contract, a \$252 million dollar environmental landfill, and a \$172 million New Jersey Turnpike repaving project.

Mike personally administered a Port Authority contract at EWR, where the D'Annunzio management structure showcased just how well the closely-knit brothers work together; whether in the office, the field or meetings, at least one of the four brothers was present.

Since his induction into The Moles in 2005, Mike has served on several committees as well as Treasurer and Trustee. Mike is also an active member of the UTCA of NJ, the CIAP, and the NJ Society of Professional Engineers.

THE MOLES' ANNUAL AWARDS DINNER: Wednesday, February 1, 2023 TICKET & HOTEL RESERVATION INFORMATION

Event registration and ticket purchases are available on our website: www.themoles.net, under the Calendar Event Feb. 1st, where one will also find a link for hotel reservations at the New York Hilton Midtown, 1335 Avenue of the Americas, New York, NY 10019.

Ticket price per person: \$500

To facilitate our planning, please purchase your tickets by December 31, 2022.

You have three payment options: online ticket purchase with a credit card; register guests online and indicate a check is being mailed; or register online and call the office at (201) 930-1923 with payment. Register online to provide your guests' names and business affiliations; the latter will be used for name tags being distributed again this year and printed on the back of each ticket.

HOTEL INFORMATION: New York Hilton Midtown rates: Standard Room: \$199 Skyline Room: \$229 *plus taxes*. To reserve a room, use the link available on our website, www.themoles.net, under the Calendar Event Feb. 1st. Room Rates good through January 4th, unless sold out.

SPOUSE EVENT: We hope to bring back this event in 2024!

The Officers and Trustees
of The Moles
cordially invite you, your friends and associates
to attend the presentation of

The Moles' Awards
for
Outstanding Achievement in Construction
to
Henry E. Adams
and
Dr. Gerhard Sauer

Wednesday Evening, February 1, 2023

The New York Hilton Midtown
New York City

Reception 6:00 Dinner 7:00
Black Tie Reservations

The evening begins with a cocktail hour from 6:00pm—7:00pm in the Americas Halls I & II on the third floor of the hotel, followed by Dinner and the evening's award presentation in the Grand Ballroom.

A post-Awards reception, including a receiving line for guests to personally congratulate Awardees Hank Adams and Gerhard Sauer, will follow immediately in the Mercury Ballroom on the third floor.

We expect a record turn-out this year!



The MOLES

E-mail newsworthy updates to: Executive Director and Editor of *Holing Through*: David E. Puza at dpuza@themoles.net. Office location: 50 Chestnut Ridge Road, Suite 102, Montvale, NJ 07645. Office phone: 201-930-1923.

The Moles thank Bob Radske for his photography at many Moles events through out the year!

DAVID E. PUZA

NAMED EXECUTIVE DIRECTOR

We welcome David E. Puza as the next Executive Director of The Moles! No stranger to the industry or the organization, Dave brings with him over 50 years of heavy construction experience that began even before he received his BSCE from Southeastern Massachusetts University in 1975. Dave got his “feet wet” at Forish Construction Company, Inc. in Westfield, MA, starting out as a heavy equipment mechanic, and after graduating worked for Morrison Knudsen Company & Associates, moving up the ranks as he worked on the Washington, D.C. A6A Rock Creek and WMATA A9A Wisconsin Ave. Tunnels.

In 1981, Dave went to work for Perini Corporation and over the course of the next several years worked as Area Manager on several NYCTA subway system projects totaling 500Mil in contracts. By 1992, Dave became a Mole and spent the next fifteen years building a successful career at NAB Construction Corporation, Modern Continental, Judlau Contracting and Railroad Construction.

David held several significant roles in the reconstruction of the World Trade Center site and was directly involved in the logistical and constructability reviews of all Santiago Calatrava designs for the Hub and Transportation Center. He developed the “top down” construction concept and methodology, which saved over \$175 million in construction costs and made it possible for the Port Authority to open the 9/11 Memorial as scheduled. David also led the WTC cost estimating team and was an active participant in the claims resolution process for the WTC and other PA projects.

In 2007, Dave became the Co-Owner and President of Merritt Construction Services, Inc., providing construction services to the heavy construction industry primarily in the New York Metro area, including several PANYNJ projects: Bayonne Bridge; Gateway Tunnel Program, and Path to Newark Extension.

In 2017, New York’s MTA Cortlandt Station reconstruction project was projecting a 19-month late completion date. MTACC upper management sought David’s assistance. Working closely with the project’s management team the project recovered 15 months and substantial completion was declared within 3 days of the team’s initial projection. The MTACC then moved David and the Merritt team to their East Side Access, CM014B project. David was appointed as the MTACC’s Project Executive, to support the AECOM construction management team. Together AECOM and Merritt have managed the ESA program as well as supported the MTACD as owner representatives for the J.P. Morgan Chase reconstruction of their world headquarters at 270 Park Avenue and coordinating construction operations within the ESA station.

Dave enjoys woodworking, kayaking and spending time with wife Rose, their children and six grandchildren. A big proponent of giving back to his community, Dave has actively volunteered and served on the Boards of Teen Life Center, Stamford, CT and the Boys Scouts of America Fairfield County Council, Norwalk, CT, and participated in the PANYNJ Mentor/Protégé Program, where he advised women- and minority-owned construction firms on how to better manage their companies.

Looking to “ease up” his work pace, Dave recently closed Merritt Construction only to have the role of Executive Director of The Moles divert his path from retirement! Welcome aboard!



COMMUNICATIONS UPDATE!

A friendly reminder that all Moles Events and notifications are posted on The Moles’ website Calendar Event Page.

Also, we are continuing efforts to get 100% of the membership on our email distribution list. We are utilizing an email service, Constant Contact, to improve this method of communication, but note that many corporate IT departments have increased their security measures from unwanted spam, etc. Please be sure to accept @themoles.net as a trusted sender so that you can be kept apprised of events and receive an electronic copy of **Holing Through** in a timely fashion!

Please email Heidi Taber at htaber@themoles.net with updated contact information including preferred email address if you are not currently receiving Moles’ communications.

The website not only has the option to look up members’ contact information, but also has the traditional directory that can be viewed and downloaded.

Catching up with our 25 Year Members

Simeon Beer, P.E. - Prior to retirement, Simeon was the owner, president, and general manager in charge of pile driving for his Yonkers, NY-based River Pile and Foundation Company. He received his BSCE in 1957 from City College of New York. Simeon is also a member of the ASCE, NSPE, and the American Concrete Institute.

Alfonso Daloisio, Jr. is the Chief Executive Officer of NJ-based Railroad Construction Company. Al was the honored recipient of The Moles' 2022 Member Award, currently serving as the Moles' First Vice President and is a Member of the Board of The Moles Charitable Fund. Al also keeps very busy with industry and community affairs.

Anthony M. De Pasquale is a graduate of Polytechnic Institute of N.Y. and currently marks his 40-year career at Vachris Engineering, P.C., located in Garden City, N.Y., where he started as a college intern and now presides as Owner and President of the Vachris firm, providing consulting engineering services relative to geotechnical and structural engineering.

Michael J. Driscoll, Jr. is a Civil Engineer and Vice President of Driscoll Construction Co., Inc. from Spring House, PA Michael is a 1981 graduate of the University of New Hampshire. He is a hands-on manager with widespread experiences in earth work, heavy foundations, bridges and deep sewers.

William J. Feters is the chief engineer in charge of all of estimating and contract management for Buckley & Company, Inc., Philadelphia, PA. Bill received his BSCE from the University of Delaware, where he stayed on to complete his graduate work in structural engineering.

Robert W. Foster has an extensive background in all types of earth support systems, including dewatering, ground freezing and grouting of excavations from Washington D.C. to New York's City water tunnel #3. Prior to retiring, Bob enjoyed a long career at Moretrench American Corp.

David S. Gedney spent his career involved in public/private infrastructure projects worldwide. At the time of retirement, David was with Flour Enterprises. Prior to that, Dave worked for other prestigious companies including Morrison Knudsen and served as president and chairman of the board of DeLeuw, Cather and Co., Dave worked at the DOT from 1976 through 1980, where he directed the planning, design, and construction of the \$2.5 billion rail improvement projects to implement the 120 mile per hour passenger rail service between Boston and Washington DC.

William H. Hansmire is a Sr. VP and Technical Director for tunnels at WSP USA in Los Angeles. In 2019, Bill received ENR's Legacy Award, coinciding with this 50 year career anniversary. Bill has worked all over the continental United States, Hawaii, and British Columbia, Canada. Bill served as a Moles Trustee in 2001-03. Bill received his BSCE from University of Nebraska and received his MSCE and Ph.D. from the University of Illinois at Urbana-Champaign.

Thomas Iovino is the owner of Iovino Enterprises, LLC in NYC. Tom received The Moles' Member Award in 2021 and was a Trustee of the Moles in 2002-04. He earned his Bachelor and Master degrees from Rensselaer Polytechnic Institute.

Francis J. Lombardi received The Moles' Member Award in 2017, in recognition of his contributions to the industry as a retired Chief Engineer of The Port Authority of New York and New Jersey. Frank continues to teach as an adjunct professor at Columbia University and Manhattan College.

William Mascetta formed his own company in 2003. Twenty years later, Transit Construction Corp. successfully continues in the NY metro area, working with the NYSDOT; NYS Thruway; MTA; NYCDEP and PA. Bill is an active supporter of The Moles Students Day program and sits on several local and community boards.

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Pictured below are Al Daloisio Jr., Bill McGuinness, Frank Lombardi, Tom Iovino and Anthony DePasquale who received their 25-Year Certificates at the Fall Members Dinner and Meeting on November 9, 2022.



Catching up with our 25-Year Members! (con't. from Pg 5)

William V. Mc Guinness III is Sr. Vice President of Skanska, currently Project Director of the Skanska/Granite/Lane I-4 mega project in Orlando, Florida. Bill has served on a multitude of Moles committees and shares that he, “truly enjoy(s) going to work every day, keeping my boots on the ground, building what matters, tackling its many challenges, the camaraderie in the trenches, and bringing on the next generation. I also enjoy getting involved in the community, traveling, spending time with my family, and watching our granddaughter grow.”

Lawrence B. Nadel is the owner and President of Nadel Associates, Inc., responsible for all corporate activities. Before forming Nadel Associates, Larry worked for MacLean Grove & Company nearly his entire career starting out as a warehouseman and within 12 years became VP involved in all aspects of the companies development activities. Larry earned his B.A. degree from Tulane University in 1978.

Dale H. Pyatt is President and CEO of Jay Cashman, Inc., a Heavy/Highway/Marine Construction Contracting company in South Boston, Ma. Dale has worked for J. Cashman his entire career. After receiving his MSCE from MIT in 1985, Dale joined Jay Cashman, where inside of two years he was promoted to Chief Estimator and then VP. Dale is also a member of the ASCE: BSCE and Utility Contractors of New England the Construction Industry Board.

Jack J. Raimondi retired to Chapel Hill, NC after a very active career in the construction industries supply of concrete products.

Vincent Tirollo began his career with Slattery Associates and in 1995 became Director of Engineering for Slattery. After working for several well-known engineering firms including STV, Vincent retired and continues to consult, specializing in constructability, risk analysis and geotechnical/tunnel engineering. A licensed PE in NY, Vincent received his BSCE and MSCE from City College.

Anthony P. Tirro worked his way up Warren George's corporate ladder over the past 40 years, where he has been President since 2006. Tony is a master well driller and licensed in eight different states. The company provides geotechnical drilling and water boring services for complex projects including the East Side Access project in Long Island City and 2nd Avenue Subway in NYC.

Peter Vigue is President, CEO and Chairman of the Board of the Cianbro Companies, where he began at an entry-level position in 1970. Under his leadership, Cianbro has grown, with over \$760 million dollars in annual revenue and ranked 72nd in ENR's Top 400 in 2022. Peter sits on many industry Boards and his commitment to workplace safety has garnered national recognition; Cianbro received the 2004 American College of Medicine's Corporate Health Achievement Award as the "Healthiest and Safest Company in America", as well as the Wellness Councils of America (WELCOA) Platinum Level of Achievement Award.

KAYAKING IN OLD LYME, CT

What started out as an outdoor activity to bring Moles together (but not too close!) during Covid, has turned in to the third annual kayaking trip in Old Lyme, CT! While masks are no longer required, a good sense of humor is, as there is no shortage of laughter! This year's best laugh had to be Christine Keville and Bernie Carroll's early start.... in the wrong direction! Tom Groark's sense that something was amiss (or was it the lack of laughter in the air?) had him on a "rescue" mission to find the lost pair. While they were quickly towed to reunite with the group, "somehow" the line wasn't dropped, and they enjoyed the easy ride to the island! The three-hour tour was followed by a relaxed lunch at the Essex Corinthian Yacht Club; many stayed to enjoy the nearby Griswold Inn and the quaint charm of Essex, CT.



Due to it's popularity, plans are in the works to offer another kayak trip next summer!



FALL MEMBERS DINNER 2022!

The Fall Members Dinner and Meeting brought 250 members, faculty and Moles Charitable Fund (“MCF”) Scholarship Recipients together at the New York Hilton Midtown, New York City, on November 9, 2022. An afternoon reception hosted by members of the MCF, Education and Executive Committees began with an awards presentation to the 35 students in attendance. In 2022, the MCF awarded scholarships totaling \$458,000 to 47 students representing over twenty schools! Due to its current Fund Drive, the MCF expects to expand its outreach. We appreciate our members’ support of The Moles’ mission to encourage future generations of civil engineers to pursue careers in the heavy construction industry.



The evening’s lecture was presented by MTACD Representative Rob Troup (*below, left*) and AECOM representatives Mike Pujdak, Eileen McCabe and Peter Malvese, who provided attendees with an in-depth technical lecture on the MTA’s East Side Access at Grand Central Madison project, bringing commuters from Queens and Long Island directly to mid-town Manhattan.



KEEPING COOL AT THE CLAMBAKE!

This year's Clambake at the New York Athletic Club in Pelham, NY on August 30th was filled with good food; good-natured competition on the golf course and at Moles Jenga; classy cars, and a cool-breeze to temper the heat. We will let the photos, courtesy of Bob Radske, do the reporting!



NEW TERMINAL A AT NEWARK AIRPORT

Education Chair Terry Flynn and committee members Patrick Rooney, Jack Donnelly, Matt Keefe, Terese Kwiatkowski, Pablo Lemus, Paul Pomponio, Ed Schluter, Joseph Sopko and Gene Sullivan successfully hosted TWO Students Day in the same month, a heretofore never attempted feat! Spaced just two weeks apart, the undertaking required a tremendous amount of logistical preparation. We are grateful to Tutor Perini for their generous donation of resources and support and to the owners' representatives at the PANYNJ and MTACD who were immediately responsive to ensuring successful Students Days.

On Oct. 7th, Moles Students Day ("MSD") began with breakfast followed by an overview of the project by both the PANYNJ and Tutor Perini. Students were led throughout Newark Airport's new Terminal A, where ten technical points of interest were detailed at "stations", covering such topics as the design/build; utilities; foundation; structural; electric; bridge; paving and luggage handling system.

Part of Students Day's intrinsic sense of relevancy is witnessing the heightened interest of the attending students. This year's groups were particularly enthusiastic and engaged. Below, we share with you Rutgers School of Engineering's article on their experience.



RUTGERS School of Engineering

Civil & Environmental Engineering

CEE Students Tour Newark International Airport's New Terminal A on The Moles Student Day



Since 1962, The Moles – an association of individuals engaged in heavy construction – has hosted an Annual Students Day, when junior engineering students from New York and New Jersey are invited to join them in a tour of a major area construction project.

While School of Engineering students have visited the Tappan Zee Bridge (now the Mario M. Cuomo Bridge) and Manhattan's Second Avenue Subway Tunnels in years past, this October, 25 Rutgers civil engineering students were among the 250 students treated to a tour of the new Terminal A at Newark International Airport. When it opens in early December, the new terminal will replace the aging Terminal A that first opened in 1973.

"The new \$2.7 billion Terminal A is an amazing, state-of-the-art project," says Department of Civil and Environmental Engineering professor and undergraduate director Husam Najm.

With one million square feet of space, its three levels can accommodate 13.6 million passengers. It features 33 gates and a large number of retail stores, cafés, restaurants, and various other amenities, including new safety and security features, easily accessible high-speed Wi-Fi, easy-to-read large-screen displays, and pleasant seating areas.

A 500-foot covered pedestrian bridge connects Terminal A to the new parking deck that will also house all rental cars, while protecting travelers from extreme cold and extreme heat.

The students, together with project engineers, toured the terminal from 8 AM to 1 PM. The project engineers guided the students through all stages of the project – from excavation and putting utility connections in the ground to building the terminal's steel structure, pedestrian bridge, and designing new luggage carousels, and a new control room. To conclude the tour, the group was able to inspect the new pavements where the planes taxi and park outside of the terminal.

"Airport terminals are unique structures, and this was a fun day and great opportunity for our students to see this project before it opens," says Najm.

TWO STUDENTS DAYS IN OCTOBER!

On October 21st, Rob Troup, MTA Senior Program Executive, Joe Marie of STV, who led the project's design, and Dennis McNerney from Tutor Perini provided an overview of the MTA East Side Access project at Grand Central-Madison. The tour represented a finality of sorts as it hosted multiple MSD visits over the past ten years. As the escalators officially open to the public, we will miss the descent down the "mole hole" with its 15 flights of stairs! No doubt riders from Long Island and Queens will be impressed with the improved accessibility and new facility with its stunning artwork!

Moles Students Day continues to be recognized as a unique opportunity for students to see theories put into practice, offering a new perspective to career opportunities that cannot be achieved in the traditional classroom setting. As Award Honoree Hank Adams attests, Moles Students Day can affect one's career trajectory; it is why Students Day originated in 1962, and continues to be taken seriously sixty years later.

The Education Committee is already planning its next New England-area MSD, which has gained its own momentum after successful site tours of the MBTA's GLX Green Line expansion and the RIDOT Providence Viaduct projects. The Moles volunteers' enthusiasm is palpable; their generous donations of PPE and time are most appreciated. In fact, many become "regulars" eager to help! If you have a potential site that would work well for a future tour, please contact any member of the Education Committee.



IN MEMORIAM

Donald Guy Armstrong, passed away on November 8, 2021, at 84. In 1962, after service in the U.S. Army Corps of Engineers, Don spent his career at Raymond International, Inc., where he worked his way up to SVP and director by the time he retired in 1988. Don continued to work as an expert witness and arbitrator and authored four books on family history and genealogy. Don is survived by his wife of 57 years, Dorothy and two children.

Clyde N. Baker, Jr., Recipient of The Moles 2006 *Non-Member Award*, passed away on August 26, 2022, at 92 years young. Clyde will be remembered as a brilliant geotechnical engineer and visionary, who achieved international recognition for his work in deep foundation design. Clyde served as Chairman, Chief Engineer and Senior VP of STS Consultants, Ltd. for more than 55 years. His legacy of work includes not only America's iconic high rises such as the Willis Tower (f/k/a the Sears Tower), but some of the tallest buildings in the world.

James J. Brady, Sr., a Mole Member since 1978, passed away at the age of 83 on November 20 due to lingering complications related to a stroke. Jim was well known for managing major tunnel projects throughout the country and he was especially proud of his involvement in heading the construction of the world's most powerful pump storage facility in Bath County, VA along with his efforts for the restoration of PATH train service following 9/11. Jim is survived by wife Susie and five children, including Jim Jr., a current Moles member.

Robert J. Brungraber, a Mole for 47 years and past Sergeant-at-Arms (2001), passed away peacefully on June 27th. Bob leaves behind a legacy of teaching generations of engineers and a structures lab bearing his name at Bucknell University, designed and built through his personal efforts. During the final years of his career, Bob founded and managed Slip-Test, Inc. a consulting, testing, and manufacturing firm. Bob will be fondly remembered for his mentorship of many younger Moles.

John Dougherty, a Mole since 1978, passed away at the age of 87 on October 2, 2022. After serving as EVP for Advance Pile Equipment and Monotube Pile Corporation, Jack founded Deep Foundation Products, LLC in 1984. His contribution to the industry's evolution resulted in multiple patents, including H-pile point designs and the TAPERTUBE® pile. Jack founded the Deep Foundations Institute (DFI), a not-for-profit association. John is survived by his 12 children and their families.

Stuart Graham passed away peacefully at the age of 76 on June 23. He leaves behind a legacy of inspiring leadership globally. Stuart was the first non-Swede to become CEO and Chairman of the Board of Swedish conglomerate Skanska AB. Stuart's no-nonsense approach to managing a complex company was well-regarded. Many Moles benefitted from his outstanding leadership and encouragement.

James Lammie passed away at 91 on November 9, 2022 in Atlantic Beach, Florida. Jim was a West Point Graduate (1953), retiring as a U.S. Army Colonel after a 21-year career in the Corps of Engineers prior to joining Parsons Brinckerhoff in 1975. Under Jim's leadership, PB grew from a NY-area civil engineering consultant to a global giant in the transportation arena. Jim would have celebrated his 40-years as a Mole next spring.

Robert Lenz passed away on August 4 at his home in Port St. Lucie at the age of 94. Bob would have been honored with his 60-Year Membership certificate this coming Spring. Bob received The Moles' *Member Award* in 1989, and retired as CEO/Chairman of Moretrench in the mid-nineties. Bob will be remembered by many as a true gentleman.

Joseph M. LoCurto, passed away on August 12, 2022 at 74 years old. Joe enjoyed a career in the New York Construction Industry that spanned over five decades before retiring from Schiavone Construction in 2016. Joe will be missed by his wife Kathy, daughter Nicole, son Neal, their families and all who knew him.

J. Henry Schwartz, a Moles member since 1973, passed away on August 14th, 2022, at the age of 93. Henry escaped Nazi-occupied Poland with his parents, arriving over a year later in the U.S. in 1940. Henry received his BSCE from CCNY in 1952, and a MS in Industrial Engineering from NYU and spent his career in the New York Metro area, working for Bechtel Corp., Cayuga Construction Corp., Schiavone Construction and Perini Corp.

Robert Sharkey passed away June 19, 2022 at 94 years old and was a 50-year member of The Moles. After attending Cornell University for Civil Engineering and C.W. Post College for Philosophy, Robert took up a position as an Inspector for the firm Andrews & Clarke in the early 1950s, followed by many years with Horn Construction Company, where he worked his way up to VP.

John F. Shea, recipient of The Moles' 1991 *Non-Member Award*, passed away on October 18, 2022, at 96. John joined his family's civil construction business following graduation and worked on dam and tunnel projects. The company was renowned for its work on the Golden Gate Bridge and the Hoover Dam. In 1958, John and his cousins Edmund and Peter Shea Sr. reincorporated into the J. F. Shea Construction Company. During John's six-decade plus career as CEO and later as Chairman, the company rose to one of the largest and most respected civil contractors in America. John is survived by his wife of fifty-four years, Dorothy and extended family.

David E. Thompson passed away from pancreatic cancer on October 31, 2022 at 82 years old. David led a full and accomplished life, with early athletic successes as a college-level athlete at Tufts University and while serving in the Marines. David went on to have a successful 40-plus year geotechnical career before retiring from Haley & Aldrich, Inc., where he was CEO (1990-2000) and Chairman of the Board (1995-2005). David leaves behind wife Debbie, two sons and their families.

WINTER MEETING

FEBRUARY 23 – 26, 2023!

The Moles are headed to Puerto Rico this February!

The El Conquistador Resort in Fajardo, Puerto Rico, gives new meaning to “winter blues”! A flyer was recently emailed with event information and hotel contact for making reservations, which is also available on The Moles’ website, www.themoles.net, Feb. 23rd - 26th Calendar Event Page.

Similar to past years, for those able to break-away earlier, the week-end-long festivities will begin with a casual cocktail mingle Thursday, evening, February 23rd.

Technical presentations and meetings will be held on Friday and Saturday mornings by AMTRAK and MTACD representatives.

Afternoons are left open for exploring the island, golf, the hotel’s amazing, on-site waterpark and its beaches before regrouping for the evenings’ planned events.

Favorable, discounted hotel rates (\$329 + fees) are available to those interested in extending their stay up to four days pre- and three days-post Moles Weekend! **JOIN US!**

The El Conquistador Resort, a Waldorf Astoria property in Fajardo, Puerto Rico, is a family-friendly resort with amazing views of the Caribbean Sea. On-site amenities include the seaside Coqui Water Park, award-winning golf course, its private, Palomino Island, four pools and tennis courts!

