

**HOLING****THROUGH**

MAY, 2018

Kirk Junco at the Helm of The Moles

Kirk Junco is a long-time career employee with Lane Construction Company. After receiving a Civil Engineering degree from Clarkson University, Kirk joined Lane in 1979 and rose over the years from his initial position as a site engineer to his current role as Executive Vice President, Chief of Operations & Process Management. His practical field experience with heavy construction operations, coupled with his engaging management style and strategic resource management are strong assets that benefit the Lane organization. Kirk became a Moles member in 2004 and shortly thereafter served as a Moles committee member. Kirk also has served the Moles as a Trustee beginning in 2013, and later became Chairman of the Awards Committee in 2015, followed by serving in the 2nd and then 1st Vice President positions.

At Lane Construction, Kirk has been involved on a variety of complex infrastructure projects throughout his career, including interstate highway expansions, mass transit, and airport construction. He also has additional hands-on experience of managing Lane's asphalt plant and materials operations as a Plant Manager and District Manager of the Virginia Paving Company.

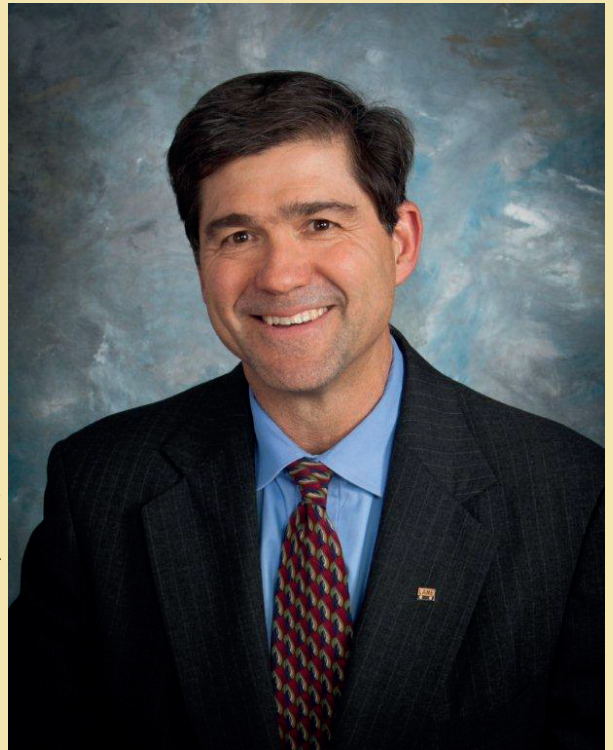
A look back at the history of the Lane Company will demonstrate why Kirk fits well in the Lane organization. John S. Lane was one of this century's most industrious self-made men. Born in 1839 in Kent, Conn., the son of a War of 1812 veteran, with only a district school education, few could he have imagined that one day a multi-million dollar corporation would bear his name.

After the Civil War, John Lane returned to work at the New York, New Haven & Hartford Railroads. During his time as a supervisor for the line, he recognized the need for crushed stone as ballast for the track, and the opportunity that the hills around Meriden, Conn., afforded as a ready supply of material. In 1890, he started the John S. Lane Company with one crusher at a capacity of 900 tons a day. By 1902, as Henry Ford was cranking out his earlier Model A's with abandon, the road-building division of the company, now a successful business in its own right, was incorporated as The Lane Construction Corporation ("Lane").

Under the tenure of John Lane's son-in-law, William Smith, Lane continued to grow and prosper, becoming one of the largest road construction companies in the East. As Director and President of the American Roadbuilders' Association, Mr. Smith advanced the reputation of Lane outside its immediate geographical area. One of the early projects completed by the company was the paving of Church Street in Windsor Locks, Conn. "The street was built of penetration macadam with asphalt brought in by rail. A steam boiler was fashioned to liquefy the asphalt. A base was laid, topped with 2" stone sprayed with asphalt, then overlaid with Macadam.

By 1930, Lane had paved 1,437 miles and completed 747 contracts. In 1940 Mr. Eggleston was named President and General Manager of company. An imposing figure, Mr. Eggleston demanded and received the best from his employees. He was fond of expounding on his philosophy for success, which he called the "Three I's: Integrity, Industry and Intelligence," characteristics he deemed necessary for individuals and companies alike to possess in order to prosper.

Following World War II, one of the largest peacetime contracts ever issued by the United States government was awarded to Lane., an \$18 million project called for the construction of the Limestone, Maine, Air Force Base.



Kirk D. Junco

Kirk Junco and The Lane Construction Corp. (Continued from Page 1)

In 1950, the State of New York created the N Y State Thruway Authority. Governor Dewey assembled teams to work through shortages, the Korean War and adverse weather, to construct, in his words, "the greatest super highway ever built." Lane's long history with New York State helped them win many contracts on sections of the new Thruway.

In 1952, the Massachusetts Turnpike Authority was created and Lane landed the second largest stretch with a low bid of \$6,209,000. The nine-mile length carried the Turnpike through West Springfield, Westfield and Montgomery.

"With thruways and turnpikes crisscrossing Connecticut and its neighboring states, it is not surprising that the Lane organization has come in for its share of this extensive work. The company built 53 miles of the New York State Thruway, executed about \$10 million worth of work on the Connecticut Thruway and a similar amount on the Massachusetts Thruway." In the early 60's, Lane also undertook several contracts for the construction of air bases for the Strategic Air Command at the Rickenbacker Air National Guard Base, the Homestead Airbase in Florida; Andrews Air Base in Maryland and Westover and Otis Air Force Bases in Massachusetts.

In 1963, George Brewer became Lane's President and big things were about to take place. In the fall of 1964, Lane was involved in one of its most unusual projects. The Pittsburgh District of the U.S. Army Corps of Engineers noticed that the 80-foot high embankment of the West Branch Dam on the Mahoning River had begun to move due to an unstable clay foundation. Under a change order to the contract, Lane solved the problem and stopped the movement by consolidating the clay under the dam using electro-osmosis with the assistance of Leo Casagrande, Professor of Foundation Engineering at Harvard. This was the largest electro-osmosis installation of its time, using more than 1,000 electrodes and 12 diesel-powered generators. It was also the first such installation put in place to stabilize the foundation of a substantial earth embankment after fill had been placed.

By 1971, their volume of contracts underway was \$64 million and by 1979, Lane's annual volume had grown to \$93 million. Mr. George Brewer was very instrumental in this strategic period of growth and explained the company's success. "Lane goes where the work is," he said, "and that has meant contracts in Virginia, West Virginia, Pennsylvania, New York, Georgia and South Carolina."

In 2001, Robert E. Alger took the helm of Lane, ushering in a new era. A graduate of Pennsylvania State University and the 2009 Moles President and the 2011 Moles Member Awardee, Bob guided the company into the Design/Build arena, eliminating a layer of the bidding process for a seamless integration between design and construction. With integrated resources that are professionally managed,

soundly financed, and strategically positioned, Lane works closely with its customers to meet and exceed project goals. Today with annual volume in excess of one billion dollars, the success of The Lane Construction Corporation continues to rest with the people who have dedicated themselves to a commitment to excellence. Lane, now merged with the Salini Impregilo Group, continues to carry on the traditions of its founder, and looks to a bright future where the time-honored traditions of integrity and craftsmanship will lead way into the future.



Other officers elected for 2018-19:

First Vice President:

CHRISTINE KEVILLE, Keville Enterprises, Inc.

Second Vice President:

GARY ALMERARIS, Skanska USA Civil Northeast

Treasurer:

MICHAEL A. D'ANNUNZIO, D'Annunzio & Sons Inc.

Secretary:

DONALD P. DOBBS, The Lane Construction Corp. (ret.)

Sergeant-At-Arms:

THOMAS MAXWELL, Skanska USA Civil Northeast

A complete list of committee members for the 2018/19 year can be found under the **About Us—Officers** tab on our website, www.themoles.net



KEEPING UP WITH THE MOLES

Congratulations to our distinguished Moles members who continue to challenge our industry to be the best - in business practice, in pushing the envelope with new inventions, in philanthropy and mentoring next generations of heavy civil individuals:

After its recent acquisition of Moretrench and in recognition of **Art Corwin's** 40 year career there, Keller/Hayward Baker Company contributed \$50,000 to the Moles Charitable Fund in Art's honor (see related article on Fund, page 11). Art will continue as Chairman Emeritus and **Tom Tuozzolo** is President at Moretrench.

John Deerkowski, President of JSDA, received the ACECNY 2017 *Engineering Excellence Diamond Award – Transportation*.

ENR selected **George E. Leventis, Stephen M. Muck, James Starace and Jeffrey Petersen** to its prestigious Top 25 Newsmakers List for 2017.

Milo Riverso has been named as a 2018 Distinguished Engineering Alumni by Purdue University.

MAY THEY REST IN PEACE

Ted Civetta Sr., who endured the challenges of a stroke for 8 years, passed away on February 14, 2018. A Manhattan College grad, Ted Sr. has been a member of The Moles for over 41 years. He truly enjoyed the heavy construction industry and led the well-known construction company John Civetta and Sons Inc. for many years. His brother, John Civetta Jr. along with both his sons, Teddy Jr. and John G. are also members of The Moles.

Franklin Groves passed away at the age of 87 on February 12, 2018. Franklin was the Chairman of the Board and Chief Executive Officer at S.J. Groves and Sons Co. During his tenure the company performed sophisticated large scale projects throughout the US, Canada and South America. His father, Frank M. Groves, was the recipient of the Moles Member Award in 1968.

James E. Mahon, a 40-year Moles member who served on numerous Moles committees and long-time employee of the Walsh Construction Company, passed away on March 2, 2018 at the age of 91. He is survived by his wife of 62 years, Gloria, 5 children and 8 grandchildren.

Robert Maloney, a second-generation Moles member, passed away on Feb. 17, 2018. Robert was inducted into The Moles in 1963, his father, Ben Maloney was inducted in 1941. Both father and son were executives associated with the Explosives supply industry.

William Mulligan was a past president of Ingersoll-Rand Company's Construction Equipment Group, who later became their Executive V.P before retiring in 1995. Bill then began his second career associated with the sport of Harness Racing where he was recognized in 2016 for his outstanding accomplishments.

George Yoggy, born in 1937, the same year the Moles Organization was founded, passed away on March 27, 2018. George was an expert on underground shotcrete and ground support. He is survived by his wife Anne of 59 years, 3 children and 8 grandchildren. Recognizing George's dedication to The Moles, the family requested memorial donations be made to The Moles Charitable Fund in his name.



SAVE THE DATE: Clambake: Tuesday, August 7, 2018! New York Athletic Club, Pelham, NY

MOLES, START YOUR ENGINES!

You may recall the antique, classic and exotic cars displayed on the front lawn of the NYAC at last year's Clambake. It was a welcome addition to the event for many who respect and enjoy the car collecting hobby.

Here is a friendly reminder for car enthusiasts to fire up that car that has been sitting in your garage for the winter months and get it ready to share with your friends on August 7th!

If enough members opt to bring their cars to share, I promise to arrange appropriate prizes in various categories for our own "Pelham Beach Concours d'Elegance" event.

Please let me know in advance what type car you may be bringing. I'm planning on bringing my own 1952 MGTD.

~ Tom

At right: Bill McGuinness' late 60's Mustang and Jesse Jameson's '55 T-bird on display.



May Members Dinner and the The Ralph Atwater Moles Service Award

On May 2, 2018, members convened at the New York Hilton Midtown for the Annual Members Dinner and Meeting. Those in attendance enjoyed **Jeff Petersen's** technical lecture highlighting Kiewit's emergency contract to reconstruct the Main and Emergency Spillways at the Oroville Dam; the time-honored tradition of "passing the gavel" from outgoing President **Chris Traylor** to **Kirk Junco**, the 2018-19 President; the honoring of our 40 Year Life Members, four of whom received their certificates in person that evening: **Anthony Albicocco, Robert Buckley, Daniel Meyer** and **Robert Rubin**; the welcoming of new members and the inaugural presentation of the *Ralph Atwater Moles Service Award* to **Anthony J. Mazzo**:

Since 1938, The Moles have recognized world-wide leaders in the tunneling and heavy construction industry through their election as officers of The Moles and the presentation of the annual Moles' Awards for Outstanding Achievement in Construction. Those honors have provided a stage to recognize the most noteworthy professional accomplishments in heavy construction. However, there has never been any recognition of the hundreds of men and women who have served as Moles volunteers, performing a myriad of tasks within the organization; planning and executing the mission and objectives of The Moles . . . save once. On May 3, 1950, The Moles elected Ralph Atwater to the unique position of Life Honorary President of The Moles to honor his tireless organizational efforts in the early years of The Moles history.

Therefore, in the spirit of honoring Mr. Atwater, with the unanimous support of the Executive Committee, The Moles is pleased to announce the creation of *The Ralph Atwater Moles Service Award*, to be presented annually to a Moles

member who has provided outstanding, long term, voluntary service to The Moles organization. This award is meant to highlight those who have unselfishly volunteered to serve The Moles as non-presidential officers, trustees, committee chairpersons and members, student day spokespersons and guides, and other positions, without the expectation of recognition. It is an award for those unheralded Members who form the core of our organization.

Fittingly, Ralph Atwater was the ultimate unsung supporter of The Moles. At "No. 17", Ralph was one of "The Original 100" Moles members, but Ralph was much more than that. As the first Program Committee Chairman, Ralph was not only responsible for the proposal of and the arrangements for the first Clambake in August 1938 but was also responsible for the first Winter Dinner in 1939 and the annual Awards for Outstanding Achievement in Construction, first presented in February 1941.

Ralph also served The Moles as Secretary-Treasurer from 1941 to 1944, taking meticulous notes of each Moles meeting and following up with each committee person's assigned task. Ralph continued as Treasurer from 1945 to 1949, tirelessly working to put The Moles on sound financial footing and ending the practice of contractors underwriting each major Moles affair. During Ralph's first nine years of service as an officer of the organization, he annually declined nominations for President of The Moles, feeling that if he were Secretary-Treasurer he could work harder and more effectively on tightening The Moles organizational structure. Ralph's work didn't end upon being named the only Life Honorary President of The Moles (despite never actually serving as President). He continued to serve on the Executive Committee and various other committees, having a thought or a hand in almost every activity and function of

The Moles, until his retirement in 1961. Ralph's dedicated service to The Moles was so uniquely instrumental to the establishment and growth of the organization he was nicknamed "Mr. Mole". It is with our unending gratitude that this new Moles Service Award is named in his honor.

The Moles is pleased to announce that the 2018 (inaugural) *Ralph Atwater Moles Service Award* was presented to **Anthony J. Mazzo**, Partner and President of Urban Foundation/Engineering, LLC of East Elmhurst, NY, (*seen at left*) with President Junco and Award Chairman Gary Almeraris. Tony's service to the Moles began long before his election as a Member in 1988. For



May Dinner & The Ralph Atwater Moles Service Award

many years prior to his membership, Tony had been tasked (by Mel Febesh, no doubt) with collecting, delivering and distributing the donated hard hats for each annual Students Day, a task he continued to perform for many years after his election to The Moles. Tony served as a speaker at the 1994 Students Day visit to Urban's project site at the NYU and Special Surgery Hospitals platforms spanning the FDR Drive and as a guide on many other Student Days. He also served as Trustee from 1999 to 2002 and again from 2011 to 2014, and as a member of the Membership Committee from 2005 to 2011. Lastly, Tony served on the Education Committee from 1989 until 1997, including three years as its Chairman from 1994 to 1997. In appreciation of this stellar record of his outstanding contributions and unbidden support of The Moles, the Executive Committee unanimously approved the presentation of this first annual award to Tony at the May Members meeting.

Upon receipt of the Award, Tony was initially stunned. Upon recovering his composure, Tony profusely thanked The Moles for both the Award and the opportunity to serve. He also thanked his predecessors, associates and co-workers at Urban for affording him the time necessary to contribute to The Moles.

Nominations for future Atwater awardees can be made by any Member in good standing. Details of the nomination process and nomination forms will be available shortly on The Moles website, www.themoles.net.

Thank you to John Eckart and Joel Moskowitz for their contributions to this article and assistance.

~ ~ **Bridges to Prosperity** ~ ~

Many of you may recall Principal Speaker Emmitt Smith's message at the 2018 Awards Dinner, where he reminded our guests of the life-affirming gift of giving back or paying it forward.

With that in mind, Holly Bartelt of **Bridges to Prosperity**, was invited to the May Dinner to share with Moles members the non-profit organization's mission: to improve the life circumstances of those in remote regions of third world countries by building stable foot bridges that provide safe passage over rivers and ravines that otherwise block safe access to basic needs such as clean drinking water and education. Donated funds and volunteer efforts directly improve the basic quality of life by providing local populations with accessible health care, job opportunities and economic stability. As Holly's film showed, what we may view as simple foot bridges make a huge impact in reducing isolation. For more information, contact Holly at hollybartelt@bridgestoprosperity.org or at (812) 630-9849.



Chris Traylor passes the gavel to incoming President Kirk Junco



Later in the evening, a celebratory birthday cake, complete with a scale model BG 40 Drill machine holding a birthday candle at the top of its mast, was presented to **Stan Merjan** (above) to celebrate his 90th birthday and in recognition of his 57 years of dedication to The Moles.

The Class of 2018 Inductees



New Members: (left–right): Paul Martin, Tom Welby, Adam Schmit, Peter Wu, Chris Hebert, Ashok Patel, Miguel Lambert, Jim Hirani, Dan Van Rosendaal, Mike Marino, Keith Chouinard, Michael DiPonio, Brad Oneglia, Randall Essex, Fred Rhyner and Bob Pope.

Tim Caulfield, is a Yonkers Contracting Project Executive working in the NYC construction market for 23 years. A Manhattan College alum, he lives in Rockland County, NY.

Les R. Chernauskas, a Professional Engineer in 5 states specializing in Geotechnical and foundation engineering for GTR in Brewster, NY.

Keith Chouinard, a senior VP with Skanska, overseeing all the firm's major projects underway in the Northeast region. He has 28 years experience with the Slattery/Skanska organization.

Michael DiPonio joins his brother Tom as a Mole member. Mike is Executive VP of Jay Dee Contractors in Livonia, MI, a very well respected tunneling contractor.

Randall Essex is Executive VP and Director of Professional Excellence and Practices with Mott MacDonald. Randall was recognized with the *Golden Beaver Award for Engineering* in 2016.

Tino Garcia, Senior VP with Ferreira Construction Co., was a recent past President of the UTCA of NJ. He specializes in all aspects of transportation and marine construction throughout the East Coast.

Michael Glezer is the CEO of Wagman Heavy Civil, a regional business that specializes in bridges, roads and marine construction projects including specialized sophisticated concrete surface treatments.

Chris Hebert, a VP with Traylor Brothers, has specialized in large diameter tunnel projects for 30 years. Although based out of their Long Beach, CA office, you will find Chris wherever Traylor Brothers is driving a major tunnel project.

Bernie Hertlein is a senior consultant with GEI in Vernon Hills, IL. The firm specializes in NDT and geophysical services for deep excavations, tunnels and sewer linings.

Steven Hinterner has spent the past 21 years designing and building excavation and deep foundation support systems. Steve received both his MSCE (Geotechnical) and BSCE from RPI.

Jim Hirani is President of Hirani Engineering and Land Surveying Co., which provides engineering design and land surveying in addition to successful inspection and construction management services in the greater NY area.

Chuck Kohler, COO of STV, joins many of his business associates at STV in becoming a Mole. STV provides engineering design and construction management services to major public infrastructure projects.

Miguel Lambert, founded The Bulldog Group in the Washington DC area, a subcontracting firm specializing in furnishing and installing tunnel liners and other concrete precast products and also offering its expertise in waterproofing operations.

Christopher LaTuso is a VP in the transportation planning effort for HDR in their NY office, which includes both design and design-bid-build projects for many tristate transportation agencies.

Michael Marino is President of American Global which provides surety and insurance brokerage services focused on heavy construction industry contractors throughout the east and gulf coasts.

Paul Martin is VP of Operations for Soil Solutions, which provides innovative geotechnical solutions for numerous projects. Paul comes to us sponsored by Stan Merjan and previously worked at Underpinning and Foundation, Skanska.

Steve Minassian is a Senior VP at Parsons, leading their Underground Structures Practice Group. Steve received his MSCE (Structural Engineering) from UC-Berkeley and his BSCE from USC.

Patrick J. O'Connor is the Vice President of Pre-Construction Services at CCA Civil Inc. with over 30 years experience focusing on water/wastewater, power, rail transit, bridge and utility projects.

R. Brad Oneglia is VP of O&G Industries in Torrington, CT. Brad manages all aspects the firm's asphalt supply and paving division units and actively participates in several state and national asphalt professional organizations.

The Class of 2018 Inductees



New Members: (left–right): Patrick O’Connor, Steve Hinterneder, Sanja Zlatanic, Bernie Hertlein, Tim Caulfield, Wade Watson, Frank Townsend, Les Chernauskas, Chuck Kohler, Victor Paterno, Abbas Sarmad, Mark Servidone, Tino Garcia, Chris LaTuso, Steve Minassian, Ron Treveloni Jr., and Eric Seib. *Not pictured:* David Woods and Michael Glezer.

Ashok Patel is CEO of OHL North America, a Spain-based multi-national construction and civil engineering firm company involved in infrastructure and commercial construction and the operation of toll roads and other transport concessions.

Victor Paterno Jr. is a Project Executive at Skanska USA Civil. Victor has extensive underground experience on major NY-area projects such as the 7 Line Extension and the WTC Foundation reconstruction among others.

Robert Pope, is VP at Mining Equipment LTD, focusing on the production side, specializing in fabricating and manufacturing specialty mining equipment .

Fred Rhyner is a Senior Associate with Mueser Rutledge Consulting Engineers, working with major clients nationally and internationally to solve complex geotechnical problems.

Abbas Sarmad is a Senior VP and Global Director – Ports and Marine Facilities at AECOM. Abbas provides marine planning, design and construction management services.

Adam Schmit is a VP at Railroad Construction Company, where he has gained his expertise in project management and administration, primarily in railroad, bridges and underground construction over the past 19 years.

Eric Seib is a Construction Manager and Lead Estimator at Merco Inc., which performs all types of heavy civil projects including tunnels, shaft excavation, foundations and rock slope stabilization.

Mark Servidone, is President of A. Servidone Inc., a third-generation contracting company in Castleton, N.Y. Under Mark’s leadership, the firm has diversified its services to include railroad bridges, pile driving and building new landfills as a JV partner.

Frank Townsend III is VP at Superior Gunitite in Jersey City, N.J. which specializes in pneumatically applied concrete and shotcrete. Frank was named ENR-NY’s “Top 20 under 40” design and construction leaders in 2016.

Ronald Treveloni Jr. is the Executive VP of Trevcon Construction Co. in Liberty Corner, NJ, where Ron oversees field operations and estimating in primarily heavy marine construction in the NY/NJ area.

Danny Van Roosendaal is a VP and Eastern Regional Manager of McMillen Jacobs Associates in NYC. Dan has served the past six years as P.M. for the NYC DEP Rondout West-Branch Bypass Tunnel.

Wade Watson is a long-time Senior V.P. and General Manager at Skanska, with over 38 years of experience in con-

struction and management of major bridge and highway projects, including the Arthur J. Ravenel Jr. design-build project.

Tom Welby, a Managing Partner at Welby, Brady & Greenblatt LLP, has provided legal counsel to those in heavy civil industry. An engineering graduate, Tom received his J.D. at Pace University and has returned as an instructor.

David W. Woods is the Executive Director of The Beavers heavy construction association and The Beavers Charitable Trust, directly responsible for the management of both for the past 19 years.

Zhigang (Peter) Wu is Chairman/CEO of CCA Civil Inc. and is in charge of the overall management and business/strategy planning for their operations in the NY/NJ area.

Sanja Zlatanic is HNTB’s Senior VP/ Chief Tunnel Engineer. With 30 years experience, she is the first woman at HNTB to be named a Fellow.

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Thank you to Moles member **Robert Radske**, whose photos of The Moles’ major events including Students Day, May Dinner and Awards Dinner, among others, grace these pages.



Recognizing 40 & 50 Years in The Moles

A CCNY graduate 59 years ago, **Tony Albicocco** is well known in the NYC construction industry. He has worked with several major heavy construction contractors including Slattery Associates (aka Skanska) and currently with his two sons Mark and Adam at Gateway Industries. He spends as much time as possible with his 6 grandchildren and at his winter getaway on Marco Island.

Joginder Singh Bhoire retired 5 years ago from consulting when he turned 80. He remains active in his community of Waxahachie, Texas. He enjoys restoring his classic Jaguar cars and plays golf from time to time. His career involved major underground construction projects and also served on several DRB boards including chairman of the DRB for the Port of Miami Tunnels.

In the tunneling industry community, **Jim Brady** is one of the iconic few known by all! A dedicated engineer out of RPI, he worked on numerous tunnels and shafts while with Gates and Fox and later with Morrison Knudsen on the Holland Tunnel project. Later in his career he was pressed into service to accelerate the restoration of Path Tunnels following 9/11. Currently challenged by the effects of a stroke, his wife Susie offered that Jim would love to hear from his fellow Moles. Cards may be sent to his attention at NHC, 2230 Ashley Crossing Dr., Room 105, Charleston, SC 29414. His son Jim Jr., also a Moles member, continues in his father's footsteps working in the tunneling industry.

Bob Buckley is a well-respected and active Moles member who leads his family's Philadelphia-based construction company as President since 1974. Bob received his honorary Doctor of Engineering degree from Drexel University. A true gentleman and extremely generous individual, Bob was named Drexel's Legend by the Colonel Athletic Association. He is married for over 50 years to his wife Arlene, the only known Lady Mole poet! Bob and Arlene enjoyed this year's Moles' Winter Meeting in Miami, Florida.

John "Jack" Dougherty, not one to slow down at 82 years young, Jack continues to actively work at DFP Foundation Products, LLC, where the Tapertube@Pile he invented is used for foundation projects including the new Central Terminal Building at NYC LaGuardia Airport and Kosciuszko Bridge. Jack is the founder of Deep Foundations Institute and also ran the APF Pile Talk Seminars for that company. Jack has no plan for retirement!

Andrew Ely became a well known expert in tunnel construction and very active in The Moles. "Jack" worked on such iconic projects as the West Delaware Aqueduct and City Water Tunnel #3. He was with Walsh Construction and prior to that with Johnson, Drake and Piper and S.A. Healy Construction. In his later years he was self employed at his own consulting business and presently lives in Boise, Idaho.

Dan Meyer is among a select group that became Moles Members in their early thirties. Dan received an Engineering Degree from Ohio State and an MBA from Harvard. A truly

all around Construction Professional, Dan has made his mark in this industry building tunnels for Morrison Knudsen and Perini Construction. Today, he is very involved in Dispute Resolution Boards and is frequently requested to serve on such boards in recognition of his knowledge, insight and dedication to the heavy construction industry.

William Mueser Jr., an MIT grad, originally joined Mueser Rutledge in 1955 but left to join Healy Tibbets Construction Co. to get involved with marine projects. He retired in 1995 from Great Lakes Dock and Dredge Pacific Division. On a historic note, his membership into The Moles in 1977 was delayed due to -you guessed it - his Dad; the founding member of MRCE was late submitting his supporting letter, delaying the application until Arline Gallagher straightened out the issue. Bill sends his regards to all!

Bob Rubin has been one of the most recognized attorneys specializing in Construction matters in the New York City area. He continues to serve as an arbitrator and mediator and a DRB panel member and offering construction disputes avoidance and resolution services while also teaching at Columbia Law and a mentor with ACE Program. Recently remarried, Bob has 5 children and 4 grandchildren. Bob accepted his Life Member Award at the May 2nd Dinner.

50 YEAR MEMBERS

James Armitage was inducted into The Moles at the age of 28 as an insurance professional at Armitage & Co., in the footsteps of his father Ed, also a long time Moles Member. Jim assisted many Moles-related companies with insurance issues associated with the Heavy Construction Industry.

Mel Febesh; to many of you, needs no introduction. Our 1997 Moles Member Awardee spent most of his career at the helm of Urban Foundations. He worked on such iconic structures as The World Financial Center, Empire Theater, the extremely deep foundation of the Embarcadero Centre in San Francisco and the Sears Tower in Chicago. Mel and his wife enjoy retirement in Merrick, NY & Delray Beach, FL.

Ed Fitzpatrick is doing well and living on Long Island, NY but unfortunately could not make the recent Moles Member Dinner. He expressed his deep appreciation and respect for The Moles organization. The President of Tartarus Construction Co, Ed also worked with Spearin, Preston & Burrows, M-K and Merritt-Chapman & Scott mainly on marine projects.

Frank McCabe's career was as a senior industry rep for Caterpillar Tractor, which no doubt involved a great deal of travel. Recently, Frank happily shared with us a lesser known personal fact. In 1952, at the Helsinki Summer Olympics, the US Basketball team beat the Russia team twice, thus receiving the Olympic Gold Medal. Frank, a 6'8" center, was a vital member of the team! Subsequently, he received another gold medal in 1989, when he received the Beaver's *Gold Medal Award for Service/Supply*. He continues to enjoy good health at 89 years young.



Celebrating Forty Years! Receiving their Life Member Certificates at the May Dinner (left to right with Kirk Junco): Anthony Albicocco, Bob Buckley, Dan Meyer and Bob Rubin.



His Eminence Timothy Cardinal Dolan, Archbishop of New York and an Honorary Moles member, visited and blessed an upstate tunnel project of Kiewit/Shea J.V. The project utilizing a 21 ½ foot diameter Robbins TBM is currently underway to bore a new extremely deep bypass tunnel. When completed, the tunnel will prevent the current estimated leakage of up to 20 million gal/day of NYC drinking water through the fractured limestone surrounding a 72-year-old existing tunnel as it runs under the Hudson River. The new bypass tunnel will convey more than half of New York City’s daily water supply.

On hand with Cardinal Dolan for the blessing of the project, in addition to the tunnel crews, were Moles Members Ken Ouellette, Jim Marquardt, Vinny Sambrato, Greg Hill, Bob Radske, Tom Groark and NYC DEP Commissioner Vincent Sapienza.



Winter Meeting 2018 and 2019

The Winter Meeting held at the Eden Roc/Nobu Hotel in Miami, FL in early March was a welcome respite from the long northern winter! Well-attended with nearly 100 guests, the weekend was filled with excellent food, rooftop dancing, and a Saturday evening dinner cruise in Biscayne Bay that proved to be the highlight of the trip! Moles member Jack Callahan made a timely presentation on the implications of the new tax cuts and jobs act. Representatives of the Skanska/Traylor/Shea JV presented the LA Subway system extension.

Next year’s trip is already being planned to the Boca Beach Club (A Waldorf Astoria property, at right) beginning on Thursday, February 28 – Sunday, March 3, 2019. We hope you will come join us!

Additional information and a link to online reservations can be found on the website’s calendar of events tab: www.themoles.net



2018 MOLES STUDENTS DAY

On April 20th, the Moles Annual Students Day tour revisited the East Side Access Project in Manhattan, showcasing the ongoing underground construction beneath Grand Central Terminal.

The busy day started out with a continental breakfast provided by The Moles, followed by a welcoming address from Mr. William Goodrich, Executive Vice President MTA Capital Construction ESA. His address was followed up with additional presentations by Geoff Fairclough of Schiavone Construction and Mike Mejaki of Tutor Perini detailing the present and past work efforts of many Moles supporting companies over the years. Subsequently 400 students and faculty advisors, now equipped with appropriate PPE for construction sites, proceeded deep under the existing iconic Grand Central Terminal to the recently excavated caverns below.

Once inside the caverns, the students were able to view the ongoing concrete placement work efforts along with extensive mechanical, rail and electrical installation operations. There were thirteen information/presentation stations established, each detailing various individual distinct construction operations. The students began

exiting the work site at about 12:30 PM and in accordance with a long-established Moles tradition, all the attendees were provided boxed lunches which they enjoyed in the bright sunshine congregating on a beautiful outdoor plaza along 40th street.

A special word of thanks goes out to the Education Committee members chaired by **Jack Tobin**, Tutor Perini's **Bob Cooper** and **Terry Flynn**, along with Geoffrey Fairclough from Schiavone Construction and many other volunteer site staff and Moles members for providing their support and resources to make the day a great success in showcasing this heavy construction mega project to the students.

The following schools were in attendance:

Bucknell	The City College (CCNY)
Columbia	Cooper Union
Cornell Univ	SUNY Delhi
Farmingdale	Hofstra
Lafayette	Lehigh
Manhattan	NJIT
NYU Tandon	Princeton
Quinnipiac	RPI
Rutgers	Stony Brook U
UCONN	Univ. Virginia
US Coast Guard	US Military Academy



Making Future Moles: The Moles Charitable Fund

The Moles' ongoing commitment to support educational opportunities associated with careers in heavy construction began in 1956 with the first seminar for engineering graduates. From this seminar event came the motivation to make an educational program a regular Moles event, and the first Education Committee was formed with the objective of examining ways to encourage students toward a career in heavy construction. Within several years The Moles organization was recognized as a leading supporter of Civil Engineering education and training standards. The first of our phenomenally successful Students Day tours was held in 1962. At the same time, The Moles Student Award was established with candidates selected by the student's faculty adviser. A similar selection process was followed when the Scholarship Fund was established in 1996 and since its inception, The Moles have distributed more than \$ 2.5 million in scholarships using the New York Community Fund organization to manage and distribute the funds. For over half a century, The Moles Students' Day Tour has enjoyed tremendous support from its membership and has provided unprecedented exposure to such an enormous number of students over the years.

The Moles has realized that now is the appropriate time to increase our scholarship effectiveness by aligning Moles Students Day with a refreshed scholarship program. To address and study potential processes and overall scholarship procedures, a Scholarship Review Committee was formed and was made up of Michael McKenna, Al Daloisio Jr., Jeff Levy, Rick McDonald, Frank Arland, John Kolaya, Jack Tobin (outgoing Education Committee Chair), and chaired by Paul Schmall (Past Education Committee Chair). The committee's work and administrative efforts are supported by Executive Director Tom Groark.

The committee met consistently over the last year and an improved scholarship process is well underway. With the dedication of the committee, the newly formed Moles Charitable Fund, Inc. has been registered as a new 501(c)3 non-profit organization with by-laws and the above committee serving as the initial Board of Trustees.

Awards

In the past there have been two different types of scholarships: The Moles *Student Award*, consisting of a \$1,000 check, was awarded to one student with the greatest aptitude for construction at each participating college and university. The Moles *Scholarship* has typically been ten times the Student Award amount and the selection of qualified students for both was completely at the discretion of the engineering department at each participating college. Going forward in 2019-2020 academic year, there will be clearer criteria for the selection of recipients. The award recipients must be in their junior year, US citizens, enrolled in a civil engineering or construction program, demonstrate financial need and also have written a brief paper sharing their current career goals and interests associated with a construction oriented career.

Student Day Date Change

It is well known that internships lead to entry level positions which lead to careers in any industry. We are changing the scheduled date for Moles Students' Day to the Fall semester so that the tour sparks interest allowing adequate time for the students to pursue an internship between junior and senior years. We will also make the scholarships better known at Moles Students' Day and encourage the students to find an internship through the updated Mole's Career Connection. The Fall term date for the event will also afford the students more time to pursue the scholarship process since the selections will be made in the Spring term.

In general, we are very pleased with the schools that we have built relationships with over the years, but naturally some schools have a greater appreciation for careers in construction than others. Based on a review conducted of recent student award and scholarship recipients' post college employment at the current 20 participating schools, there are going to be several changes. Another process initiative will be to assign a "Champion" to each school. The Champion will be a volunteer Moles member who will maintain a long term relationship with one particular school and make sure the scholarship program is fulfilling The Moles' stated mission.

What Can You Do to Help?

Moles members have always been extremely generous with their time and financial resources in support of Moles Students' Day and Scholarship Program and also immensely hospitable to the scholarship recipients at the Fall Member's Dinner. Presently we all have a unique opportunity to do even more to help, including:

- 1) Hire an intern for the summer. We ask you to update your career connection information on The Moles website. More specific instructions will be forwarded to the membership in the near future.
- 2) Contribute to the scholarship fund when our new scholarship fund raising effort is announced by the newly formed 501(c)3 charitable organization.

We trust your support will continue into the future to encourage many eager students (future Moles) to join us in the Heavy Construction Industry.

Holing Through is published by The Moles three times a year. Please e-mail newsworthy updates to: Executive Director and Editor of *Holing Through*: Thomas J. Groark, P.E. tgroark@themoles.net. The Moles office is located at 50 Chestnut Ridge Rd., Suite 102, Montvale, NJ 07645. Office: (201) 930-1923.

The Moles website, www.themoles.net, is a valuable resource for staying connected: current calendar events, additional photos in the photo gallery and members directory, as well as archived copies of *Holing Through*!

Alfred H. Brand, Raymond “Butch” Ames & Emmitt Smith Headline the 2018 Awards Dinner

The Moles 2018 Award Dinner Principal Speaker **Emmitt Smith III** received his Honorary Moles Membership Certificate from Moles President Chris Traylor. Emmitt, an NFL Hall of Famer now turned Real Estate Developer and Contractor, provided a riveting speech detailing how a poor kid from the projects in Florida became a sports legend and a successful contractor mainly by appreciating and utilizing the team members that surrounded him. He elaborated on his belief that professional sports and heavy construction are parallel industries; success in either requiring the coordination of numerous specialized individuals into a well-coordinated team.



Peter Deming, Senior Partner at Mueser Rutledge Consulting Engineers in New York City, presented the 2018 Moles Member Award for Outstanding Achievement in Construction to **Alfred H. Brand**. The hand-embossed scroll presented to Al recognized his half century as an engineer dedicated to his profession, the heavy civil industry and The Moles organization. Al graciously thanked his fellow Moles in the audience for considering him for such an honor and eloquently highlighted his long career with MRCE. While Al “retired” in 2014, the term is used loosely at best as Al continues to consult on geotechnical projects. October will mark his 50-year milestone with MRCE.

Herb Morgan, a long time Moles Member, did an excellent job introducing **Raymond “Butch” Ames**, CEO of Ames Construction in Burnsville, Minnesota, to the assembled audience of nearly 2000 guests in attendance. Butch Ames, shown here accepting the 2018 Non Member Award for Outstanding Achievement in Construction, noted in his words to the audience that since 1962 Ames Construction has built the company with the paramount focus on safety, continuing the technical education of his crews and providing support for the families of his workers.



The 2019 Awards Dinner will be held on Wednesday, January 23rd at the NY Hilton.