



APRIL, 2016

RICHARD D. MacDONALD ELECTED PRESIDENT of THE MOLES

RICHARD D. MacDONALD, Senior Vice President and Construction Division Manager at Weeks Marine, Inc. has been elected to serve as President of The Moles for the year 2016/2017. He will receive the gavel from retiring President, James M. Marquardt, at the Annual Business Meeting and Dinner to be held on Wednesday, May 4, 2016, at The New York Hilton Midtown.

Other officers elected are: First Vice President, **CHRISTOPHER S. TRAYLOR**, Traylor Bros., Inc.; Second Vice President, **KIRK D. JUNCO**, Lane Construction; Treasurer, **MICHAEL A. D'ANNUNZIO**, D'Annunzio & Sons, Inc.; Secretary, **JEFFREY M. LEVY**, J.J. Ryan Associates, Inc.; and Sergeant-at-Arms, **MICHAEL J. GOLDSTEIN**, MJG Consulting.

Trustees elected for three-year terms are: **ALFONSO DALOISIO, JR.**, Railroad Construction Co., **MICHAEL M. McHUGH**, Moretrench American Corp; **CHARLES J. MONTALBANO**, CCA Civil, Inc.; and **PATRICK J. WHELAN**, Weeks Marine, Inc.



RICHARD D. MacDONALD

RICHARD D. MacDONALD JR. predominately grew up in the Pacific Northwest and graduated from Gresham High School east of Portland, Oregon in 1976. Rick entered Oregon State University enrolling in the Forestry Engineering program as he loved the outdoors and excelled in mathematics and the sciences. Upon taking two Civil Engineering classes as part of the Forestry Engineering curriculum his junior year, Rick elected to change his major to Civil Engineering. Worried about the financial impact brought on by switching majors, Rick dreaded explaining this decision to his father. Rick received an unexpected response from his father Richard Sr., a 30 year veteran of building dams with the US Army Corps of Engineers, who was elated Rick had finally seen the light for a great career opportunity before him.

After receiving his BSCE in 1981, Rick began his career with Morrison Knudsen Corporation where he rapidly advanced to Project Engineer at the \$150 million Southwest Ocean Outfall project in San Francisco, Marine Superintendent at the \$130 million Monitor-Merrimack Immersed Tube Tunnel project in Newport News, Virginia, and Project Manager at the \$250 million Ted Williams Immersed Tube Tunnel project in Boston. Prior to leaving Morrison Knudsen in 1996 when M-K was purchased by the Washington Group, Rick attended Harvard Business School Program for Management Development.

In 2000 Rick joined Weeks Marine as Vice President of Operations for the Construction Division and became Senior Vice President and Division Manager for the Division in 2004 where he presently is responsible for projects along the East Coast, Gulf Coast, Latin America and the Caribbean Sea. Notable projects presently under contract include the Midtown Immersed Tube Tunnel in Virginia, the Goethals Cable Stayed Bridge in Elizabeth, New Jersey, and the Nation's first offshore wind farm for Deep Water Wind in Block Island Sound. One of Rick's passions is helping to develop young engineers in the Weeks organization and finds it incredibly gratifying to watch these talented engineers

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Richard D. MacDonald

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run challenging marine construction projects knowing they will eventually become the future leaders of the company and our great industry.

Rick served as President on the ASCE Construction Institute Board of Directors. He presently serves on the Moles Executive Committee, the Beavers Board of Directors and McNally International's Board of Directors. He and wife, Jenny, live in Califon, New Jersey and are the parents of four children and five grandchildren.

Rick enjoys fishing and running marathons. He recently completed his eighth marathon in Athens, Greece; the site of the origins of the marathon race itself where Phidippides, a message bearer, ran from the city of Marathon to Athens to announce to the Queen the Greeks victory over the Persians at the battle of Marathon in 490 B.C. Unfortunately for Phidippides, he collapsed and died after bringing the good news of victory to her highness. Rick and his son Tom went all out in their 26.2 mile run last November by nearly replicating Phidippides' feat as they both required medical attention after the race due to de-hydration.



Elected To Membership In The Moles

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|---|---|
| Mark E. Alexander E.E. Cruz & Company, Inc. | George E. Leventis Langan Engineering/Langan International |
| Joseph Ascolese John P. Picone, Inc. | C. John Meagher Traylor Bros., Inc. |
| David R. Chapman Blakeslee, Arpaia & Chapman | Anthony O'Donnell Kiewit Infrastructure Co. |
| Paul A. Cocotis Shimmick Construction Company, Inc. | Richard A. Palmer Northeast Remsco Construction, Inc. |
| Patricia C. Darnell Stacy and Witbeck, Inc. | Robert W. Pereira II The Middlesex Corp. |
| Robert J. Fischer NJ Turnpike Authority | David E. Simonelli Great Lakes Dredge & Dock Co. LLC |
| Drew Floyd Moretrench American Corp. | Matthew L. Swinton Kiewit Infrastructure Co. |
| Rudolph P. Frizzi Langan Engineering & Enviro Services | Brian J. Vella Smith Pachter McWhorter, PLC |
| Robert J Goodfellow Aldea Services, LLC | Peter "Andi" Vigue Cianbro Corporation |
| Jonathan C. Hurt Arup | Shane H. Yanagisawa S.A. Healy |
| Terese M. Kwiatkowski GZA GeoEnvironmental, Inc. | |

Welcome and Congratulations To Our New Moles Members

THE MOLES

Holing Through is published by The Moles three times a year: April, July and November. The Moles is an organization of people engaged in heavy construction. Its purpose is to promote better acquaintance among individuals engaged in heavy construction to the end:

- That past and future friendships and a spirit of fraternization among the members be fostered.
- That meetings and other gatherings be held to exchange construction information and promote good fellowship among members.
- That advancement of the Construction art be achieved and outstanding performance be recognized through awards and otherwise.
- That the youth of our country be encouraged to participate in heavy construction by a multi-purpose program of education in cooperation with engineering colleges and other associations.
- That, in the public interest, standards of construction shall be raised both as to engineering and business ethics.

The Moles' office is located at 577 Chestnut Ridge Road, Woodcliff Lake, New Jersey 07677. Telephone: 201-930-1923 Fax: 201-930-8501 Website: www.TheMoles.net. Executive Director and Editor of Holing Through: Thomas J. Groark, tgroark@themoles.net.

NEWS OF MEMBERS

CHRISTINE KEVILLE, now the Chairperson of the Moles Award Committee, received an Honorary Doctorate Degree from Wentworth Institute of Technology where she offered their Commencement Address.

GERRY NEUMANN, a long time Moles member and former President, has returned to the GCA of NY as their Director of Labor Relations. We wish Gerry all the best in his new assignment.

SETH L. PEARLMAN was recently named CEO and North American Regional manager at Menard – USA.

CHRISTOPHER R. RYAN, a Moles member since 1989, recently retired from Geo-Solutions. Chris originally started Geo-Con in 1979 and upon its sale, Chris then started Geo-Solutions in 1996. He was honored as the *Entrepreneur of the Year* in 1988.

JOSEPH A. SOPKO Ph D., a Michigan State University Alumnus and current Vice President of Moretrench, was presented with their Distinguished Alumni Award for his work associated with ground freezing techniques.

CHRISTOPHER S. TRAYLOR, Co-President of Traylor Bros, Inc. and additionally our Moles First Vice President, was recently honored at the OPAL Awards Gala in Virginia for his accomplishments in Construction.

PETER ZIPF, (Moles Trustee) retired as Chief Engineer of the Port Authority of NJ and NJ. Peter has recently joined HDR as their Northeast Regional Transportation Director.

Winter Meeting 2016

The 2016 Moles Winter meeting was again held at the Westin Seven Mile Beach Resort and Spa in the Grand Caymans. Attendance was at 97, which was slightly more than the 2015 attendance of 89. A good time was had by all and the initial reaction to the 2017 Winter Meeting planned in Aruba has already received a positive reaction. Tom has promised to go no further South in subsequent years since eventually we'll be running into the South American winter season below the Equator.

Two outstanding technical presentations were given. On Friday morning, **WALTER REICHERT**, Project Manager for Tappan Zee Constructors and a Moles member since 1994, presented the New New York Bridge construction effort. The new bridge replaces the aging Tappan Zee Bridge spanning the Hudson River. On Saturday morning the Moles were fortunate enough to attend a presentation by Giuseppe Quarta, CEO of GUPC, the consortium constructing the new Panama Canal Project. He presented the ongoing construction process associated with the new locks associated with the Panama Canal. Both lectures were very well received.

On the beach, the volley ball game resulted in no injuries so all were winners. Victorious players were rewarded with a cooling dip in the Caribbean. The catamaran sailing trip proved to be popular with 50 guests enjoying the scenery. Fortunately, there were no reports of seasickness!

We hope to see many more Moles at the Winter Meeting of 2017. Updated information will be posted on our website, www.themoles.net.

CELEBRATING 50 YEARS OF MEMBERSHIP!

When admitted to the Moles in 1966, **GERALD SARNO** was the Contracting Manager for New York sales at Bethlehem Steel. He subsequently joined Perini Corporation in 1983. Shortly thereafter he was named Vice President for Business Development for the expanding Perini Corporation. Over his long career he was involved with such mega projects as the Verrazano Bridge, the lower level of the George Washington Bridge, Federal Triangle in D.C. and the Prudential Center in Boston. A graduate of Dartmouth for both Bachelors and Masters Degrees, he has remained active with Dartmouth through the Dartmouth Society of Engineers.

HERBERT WASSERMANN a graduate of U Penn and CCNY, was supported for membership into the Moles in 1966 by such legendary names as **DUDLEY SAUNDERS, BOB CRIMMINS, GEORGE FOX** and **DON CANALE**. Herb listed his job title on the application as "Assistant V.P., Engineer, Project Manager and Estimator", Herb was truly all of the aforementioned and eventually became Executive Vice President in 1980 of the then Slattery Associates. What Herb failed to include on his Moles application was that he served in WWII as a Combat Engineer with the U.S. Army Corps of Engineers where he was awarded the Silver Star for his bravery. Following his retirement in 1989, Herb remained active consulting when requested and stated in a hand written note to **ARLENE GALLAGHER** "...You might add to my resume that I'm trying to play as much tennis as possible". With his wicked back hand, he probably could still beat most of us in a match. Please join me in congratulating him on 50 years of being a true Mole!

CONGRATULATIONS TO OUR 40 YEAR MEMBERS

1976 to 2016

Known as Jack, **JOHN DORSEY** was a well-known and respected construction Engineer with Cayuga, ICOS and Perini Corporation before retiring and living on Long Island.

ARTHUR L. GOULD, a long time Vice President with the Titan Group and Horn Construction Co., reports that since retiring he is enjoying his 16 grandchildren. Art turned 83 on April 22nd and sends his regrets that he will not be able to make the May 4th dinner due to travel plans. He looks forward to proudly displaying his Life Member certificate in his home office.

JACK K. LEMLEY is a true legend in the industry. From his first job with the Idaho Transportation Department at age 15, to Executive V. P. with Morrison Knudsen, to being named an Honorary Commander of the British Empire, Jack is respected around the world in construction circles. Jack didn't just build the Channel Project – he rescued it entirely which was the largest-ever privately financed project. Having managed work in 65 countries world-wide, it is no wonder that it's difficult to track him down in retirement.

WILLIAM W. MOSS worked extensively in the Southeast section of the country on numerous projects. Admittedly not his largest project but possibly the most recognizable throughout the country was his managing of the design and construction of the Talladega International Speedway.

Past President of De Leuw, Cather and Company, **ROBERT O'NEIL** enjoys his retirement in Potomac, Maryland. He has volunteered frequently on ASCE panels reviewing major infrastructure projects.

CARL E. PETRILLO is presently the Chairman of Yonkers Contracting Co. After graduating from Lehigh University, Carl started his career at Yonkers where he rose to become the firm's President and CEO. During his 35 year tenure as CEO, his vision and guidance made the family owned firm one of the most well-respected construction businesses in the N.Y. Metropolitan area. Beyond construction, his personal interests are photography, boating and wine collecting.

The past Chief of the Operations Division of the Army Corps of Engineers, **LOUIS W. PINATA** was responsible for numerous harbor improvements.

ROBERT E. QUINN worked for G.W. Rogers Construction Corp. for over thirty years, rising to V.P. and General Superintendent overseeing the first phase of Battery Park City in lower Manhattan. Bob reassured us that he has been enjoying his retirement, spending it with his grandchildren and traveling in the U.S. and Europe.

ELMER A. RICHARDS has been a Mole for 40 years but somewhat more remarkable is that it has been 65 years since his original summer job working for Howard Needles on the N.J. Turnpike following his senior year at Lehigh and before going to Northwestern for Graduate School. Elmer was a partner at Mueser Rutledge where he worked for 50 years until his retirement in 2002. Elmer is a Past President of the Moles (1993) and was presented with the Moles Member Award in 1998. He looks forward to seeing everyone at the May 4th dinner.

HENRY C. SCOTT, a former Chairman of Peter Kiewit Son's Inc., firmly supported the principle that, "Training doesn't diminish at Kiewit despite the economy going bad". He now resides in Fox Island, WA enjoying the Pacific Northwest.

GEORGE J. TAMARO has worked world-wide in our industry in three distinct careers: first in public service as a staff engineer with the Port Authority, second as a construction engineer at ICOS and lastly as a consulting engineer at Mueser Rutledge. Since retiring in 2006, George continues his association with MRCE as a consultant. In 2011 George was awarded a Doctor of Engineering degree by Manhattan College. He and his wife Rosemary split their time between his summer home in Bristol, RI and his winter retreat in Boca Grande FL. He is busier now in "retirement" than he ever was working full time!

CHARLES TRAINOR founded Conesco Industries that originally sold and leased equipment, which soon thereafter went public. Of note, Conesco was a charter member of NASDAQ. Charlie splits his time between Blowing Rock, NC and Sanibel, FL and looks forward to traveling to NYC to attend the May 4th dinner.

As Deputy Chief Engineer for Construction for the NYC Transit Authority, **SALVATORE VALENZA** acted as host for the Moles Student's Day trip to the 63th Street Tunnel Project in 1971. He is now retired and especially enjoys traveling.

Following three years with the Air Force as a pilot, **FRANK M. WARREN JR.** joined Raymond International in 1958 and then moved to J.A. Jones Construction. Retired since 1998, Frank lives in Highlands, NC.

JEROME B. WHITE is a former Senior V.P. at Slattery Associates associated with major projects in the New York tri-state area and later with Nab Construction in charge of heavy construction. Jerry is known for fostering the principle that safety and efficiency should go hand in hand on a construction site. More recently, Jerry has served as an Adjunct professor at NYU-Polytech now NYU Tandon School of Engineering and consults. He looks forward to seeing everyone on May 4th.

MAY THEY REST IN PEACE

J. BRUCE GRIMALDI passed away on March 10, 2016. After graduating from the University of Massachusetts in 1965, Bruce served in the Navy Civil Engineering Corps in Vietnam where he earned a Bronze Star. He then worked for Peter Kiewit, the Massachusetts Turnpike Authority, and then J.F. White Contracting on the Central Artery in Boston. He was known to other Moles members as a tireless, honest and professional builder. He split his time during his retirement years between Maine and Pleasanton, California, enjoying his children and grandchildren and the game of golf.

NORMAN W. LLEWELLYN, beloved husband of Judith passed away on February 3, 2016. Norm was born in England and served in the Royal Air Force as an officer in the Airfield Construction Service. He subsequently earned his Master's Degree at MIT. In 1951, he took what he felt at the time was a temporary job as a surveyor with a relatively small construction company - Lane Construction. It was actually the start of a forty year career with Lane, the last ten years of which he spent as the President and CEO of the company before his retirement. As President, Norm guided Lane Construction on their path of phenomenal growth throughout the U.S. construction market.

EMIL M. ONDREY passed away at age 99 on January 25, 2016. Emil was a long time Moles member (sixty-six years!) whose original Moles Application was dated May 10, 1949. Emil spent his entire career with Michael M. Torpey Inc. of Woodside, Queens NY. He was the devoted father of three, with nine grandchildren and eleven great grandchildren. He was a long time resident of Manhasset before retiring to Jupiter, FL.

REMY PAPP died on March 26, 2016, at age 86 in Shelton, Connecticut. Of Hungarian descent, he immigrated to the U.S. in 1949 and earned a Civil Engineering Degree from Columbia University and an MBA from NYU. His first employment was with Parsons Brinckerhoff Quade & Douglas and then he embarked on a long career with J. Rich Steers, where he rose to Vice President of Overseas Operations. In 1990, he established his own construction consulting practice, building a reputation as one of the foremost designers of cofferdams in the northeast.



REMY PAPP

ALFRED G. WARD passed away peacefully on January 21, 2016. A well-known professional in the New York construction industry, Al worked on iconic projects such as Yankee Stadium, Shea Stadium, World Trade Center and the Lexington Ave Subway. As a student at NYU in the Spring of 1962, he attended a Moles Student's Day to see the construction process associated with Shea Stadium. He later admitted to Arlene Gallagher that the trip had prompted him to pursue Heavy Construction. He especially enjoyed returning to Shea in 1986 to witness firsthand the Mets in their successful run in the World Series that year. After retiring from Perini Corp, Al relocated to North Carolina.

MOLES CLAMBAKE

Travers Island—Tuesday, August 2, 2016!

*Come and see your colleagues, make new friends
and enjoy a wonderful day!*

*The New York Athletic Club's Summer Facilities
Pelham Manor, Westchester County, New York*

The Moles' office is now accepting phone-in credit card payments for annual dues and Moles events!

It's as easy as calling the office and asking for Heidi:
(201) 930-1923

2016 MOLES STUDENT'S DAY

Another Success!

Last year, the Moles Education Committee was congratulated for conquering the challenge of conceiving and organizing the 2015 Student's Day from a boat. Never before had the Moles traveled to and inspected a construction project by water. Due to the overwhelming success of the 2015 trip, in conjunction with the remarkable progress made on the replacement structure for the aging Tappan Zee Bridge, the committee agreed to revisit the site in 2016. The logistics were somewhat easier to anticipate and manage since the participants were now veterans to the process. With renewed enthusiasm, the committee worked out all the planning, food delivery and trip navigation to make this year's event even more exciting for the now junior year Engineering Students.

The construction of the New NY Bridge, which crosses the Hudson River between Nyack, N.Y. and Tarrytown, N.Y., is currently one of the nation's largest construction projects. A \$3.4 billion contract was awarded in 2013 to Tappan Zee Constructors, a Joint Venture of Fluor Corporation, American Bridge Company, Granite Construction Company and Traylor Bros., Inc.

The Circle Line offered their largest tour boat available (*The Brooklyn*) for the day's charter. *The Brooklyn* docked at Pier 83 (West 43rd St. adjacent to *The Intrepid*), was boarded at 8:00 A.M. and was set for sailing at 9:00 A.M. When the 400 college students boarded, they were directed to the breakfast buffet and then on to their seating. *The Brooklyn* departed promptly at 9:00 A.M. under a bright blue sky with a pleasant temperate for a boat trip. During the 20 mile boat trip up the Hudson, they were welcomed by Moles President **JAMES M. MARQUARDT** via video tape since he could not be onboard that day and Education Committee Chairman, **JACK TOBIN**.

During the one-and-a-half hour trip, as customary at each Student's Day, presentations of what will be seen at the construction site are made by the persons most knowledgeable about the project. An overall Project Presentation was then made by the NY Thruway Authority Executive Engineer Jamey Barbas. Following her, Moles member **WALTER REICHERT**, Tappan Zee Constructor LLC Project Manager, gave a detailed construction progress presentation followed by **ROBERT "BOB" PALERMO** (also a Moles member) of GZA GeoEnvironmental and the lead Geotechnical Engineer for the Design Build Team. Students were shown not only a project overview but also an in-depth Power Point presentation on the geotechnical aspects of the new bridge's footings and bridge foundation. Coincidentally there were numerous copies distributed of the March 21st edition of ENR which did a feature story on the

project. The Moles want to thank ENR staff for providing hundreds of copies of the magazine for the students.

Upon arrival at the bridge site, the students went out to the open upper aft deck and to the open area on the bow of the vessel. Both locations offered an excellent view of the work underway at the site, in addition to the numerous barges with major cranes, the floating batch plant and the concrete forming systems. *The Brooklyn's* captain, who coincidentally is a cousin of **MICHAEL McKENNA** (a member of the Education Committee), maneuvered the boat expertly through the expanded channel several times under the structure affording the students a truly unique view of the work site. He also sailed close to The West Coast Lifter, which had been brought through the Panama Canal after completing its assignment on the reconstruction of the Oakland Bay Bridge before being brought to the Tappan Zee site.

One could not help but notice how energized and excited the students were by the site visit. Lunch was made available shortly after noon and the students sat in their individual college groups discussing the day's events. As has been the case for the last 54 years that the Moles have been hosting this event, the students will remember this trip throughout their future engineering careers.

All members of The Moles can be very proud of the manner in which this activity, along with our scholarship program, fulfills one of our primary objectives: *That the youth of our country be encouraged to participate in heavy construction by a multipurpose program of education in cooperation with engineering colleges and other associations.*

Moles member **ROBERT "BOB" RADSKE** of Mueser Rutledge, who serves as The Moles photographer, took many fine photographs of the day's events, as he so often does. Some of Radske's photographs are displayed on the opposite page. A number of photos taken not only by Bob Radske but also Bob Vale have been posted to The Moles website, www.themoles.net.

Thanks should also to be extended to many for making this day possible, including the NYS Thruway Authority and Tappan Zee Constructors for their overwhelming support. Thanks also to the Education Committee members along with the additional 20 Moles volunteers who were on hand to assist as needed. The Moles Education Committee, chaired by **JACK TOBIN** of Railroad Construction Co. conceived and executed the truly wonderful event. In conclusion, once again there were no cases of seasickness reported on board!

The New NY Bridge ~ Student's Day April 15, 2016



Welcome to
Moles Students' Day 2016
at
The Tappan Zee Bridge

- | | |
|---------------------|---------------------|
| Bucknell | Manhattan College |
| City College | NJIT |
| Columbia | NYU Tandon |
| Cooper Union | Princeton |
| Cornell | Rensselaer |
| SUNY Delhi | Rutgers |
| Farmingdale College | Stevens Institute |
| Hofstra | UCONN |
| Lafayette | US Coast Guard |
| Lehigh | US Military Academy |

Presented by: The Moles and Tappan Zee Constructors JV



CIRCLE LINE BROOKLYN

Winter Meeting Candids ~ February 25-28, 2016



Moles 2016 Award Dinner Sets Attendance Record! Arthur B. Corwin and Wayne E. Jones Honored

Fortunately, The Moles' Annual Awards Dinner on January 27, 2016 bypassed the usual threat of snow in NYC, unlike the 2015 Awards Dinner where a major snow storm nearly cancelled the event. This year, with cooperation from the weatherman, the Moles and their guests tested the true capacity of the main Ballroom of the New York Hilton Midtown - the official attendance was a record 2,025 guests!

The attendees were treated to a great event starting with an inspiring speech by Marine Four Star **GENERAL JOHN M. PAXTON JR.**, who notably also graduated with Bachelor of Science and Master of Science degrees in Civil Engineering from Cornell University. A life long career Marine officer, Gen. Paxton delivered a truly unique and memorable speech relating the aspects of major military operations and the need for sophisticated Engineering and Construction logistical support. He discussed numerous examples from military campaigns over the centuries. The Moles were proud to make the General an Honorary Moles member at the conclusion of his wonderful address.

WAYNE E. JONES, of Traylor Bros., Inc., was then presented the Moles Non-Member Award. Wayne spoke heartfelt words of appreciation and offered some reflections on his long career which recently involved major flood control projects in the U.S. Subsequently in an article in *Engineering News Record*, it was pointed out that Wayne, who received *ENR's Man of the Year* award in 2013, was among the few very unique individuals to be recognized by both prestigious awards.

2008 Member Award recipient **SAL MANCINI** presented **ARTHUR B. CORWIN** with the 2016 Moles Member Award. Art offered inspiring words to the largest group to attend the annual event that began in 1938. It should be noted that the basis of his selection for the Award was not only Art's construction management expertise but also his long time efforts to "give back" to the profession and his community. Many in attendance took the time to offer their personal well wishes at the reception line which formed post-ceremony.



Gen. John M. Paxton, Jr. and Moles President James M. Marquardt



Award Chairman Kirk Junco and Non-Member Award Recipient Wayne Jones



Award Chairman Kirk Junco and Member Award Recipient Art Corwin

