



APRIL, 2015

JAMES M. MARQUARDT ELECTED PRESIDENT of THE MOLES

JAMES M. MARQUARDT, Senior Vice President of J. F. Shea Construction, Inc., has been elected to serve as President of The Moles for the year 2015/2016. He will receive the gavel from retiring President, Henry E. Adams, at the Annual Business Meeting and Dinner to be held on Wednesday, May 6, 2015, at The New York Hilton Hotel.

Other officers elected are: First Vice President, **RICHARD D. MAC DONALD**, Weeks Marine, Inc.; Second Vice President, **CHRISTOPHER S. TRAYLOR**, Traylor Bros., Inc.; Treasurer, **ALFONSO DALOISIO, JR.**, Railroad Construction Company, Inc.; Secretary, **JEFFREY M. LEVY**, RailWorks Corp.; and Sergeant-at-Arms, **ROBERT K. RADSKE**, Mueser Rutledge Consulting Engineers.

Trustees elected for three-year terms are: **FRANCIS J. ARLAND**, Mueser Rutledge Consulting Engineers; **ANTHONY M. DE PASQUALE**, Vachris Engineering, P.C.; **ROBERT O'NEILL**, Silverite Construction Co., Inc.; and **JACK TOBIN**, E.E. Cruz & Co., Inc.

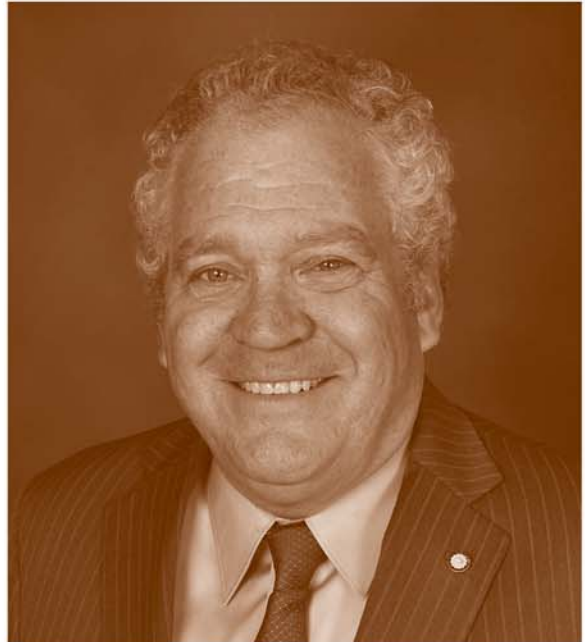
JAMES M. MARQUARDT was born in Kirkland, Washington on July 1, 1951 and was raised in Bethesda, Maryland.

Jim's career in heavy construction started in 1971 as a 19 year-old apprentice surveyor on the A-3 section of the Washington, D.C. Metro. In 1977, he joined Gates & Fox Co., and served in various capacities on WMATA subway projects and on the Bath County Pumped Storage Project. By the age of 28, he was named Project Manager on the WSSC Bi-County Water Tunnel project in Chevy Chase, MD, a 4,600 lf, 7.5 ft. diameter water tunnel. He went on to serve as Project Manager on the MX Missile Basing System for the United States Air Force.

Jim joined the Mergentime Corp. in 1986 and served as Project Manager on the WMATA F3c Project, a 3,200 ft. soft ground tunnel mined by an EPB tunnel boring machine.

In 1987, Jim joined J.F. Shea Co., and served as Project Manager on several jobs, including two more WMATA subway tunnel projects. He was then dispatched to Denmark to help out a fellow U.S. contractor on the Storebaelt Subaqueous Rail Tunnel Project, part of the bridge and tunnel crossing linking Denmark and Germany. Jim served as Tunnel Manager on the Halskov portion of the project.

Other projects on which he was involved were the MTA subway project in Los Angeles; and two major MWRA water tunnel projects in Massachusetts. Jim was also involved in Joint Venture commitments for DEP water tunnel projects in New York City and two major 2nd Ave. Subway Projects for the NYCT MTA.



JAMES M. MARQUARDT

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In 2001, Jim was appointed to the position of Vice President of Shea and has been Shea's Eastern Area Manager since 2008.

Among Jim's proudest accomplishments was serving as Project Director of the Joint Venture team of Shea, Skanska and Schiavone, which, in November 2007 was awarded the \$1.1 Billion contract for the extension of the No. 7 Line from 42nd St. and 8th Ave. to 25th St and 12th Ave. It will provide subway access to the Javits Convention Center and to the massive Hudson Yards development, now under construction.

Jim was promoted to Senior Vice President of J.F. Shea Construction, Inc. in 2011.

Most recently Jim has been involved in the startup of the \$1.6 Billion Metro Westside Purple Line Project in Los Angeles, and the pursuit of the Purple Line LRT Project in the state of Maryland.

Jim has served on the RETC Executive Committee including Chairman for the 2009 Conference and serves on the GCA Executive Committee in New York City. In 2012, he received both the *Golden Beaver Award for Supervision* from the Beavers and the *UCA Award for Outstanding Individual* from UCA of SME.

Jim lives with his wife in New York City and they share eleven grandchildren.



Elected To Membership In The Moles

Rolando Acosta
Northeast Remsco Construction, Inc.
Edward A. Bond
Bond Bros., Inc.
David B. Casey
The Walsh Group
Thomas S. DiPonio
Jay Dee Contractors Inc.
Theresa (Rappaport) Engler
Deep Foundations Institute
Michael D. Flowers
American Bridge Company
Donald Fusco
Skanska USA Civil
Robert G. Harms
George Harms Construction Co.
Michael Horodniceanu
NY MTA Capital Construction
Kevin B. Huie
Barletta Heavy Division, Inc.
Clifford J. Kassouf
Triad Engineering & Contracting Co.
Colin A. Lawrence
Hatch Mott MacDonald
Patrick L. Malone
PCL Civil Constructors, Inc.
Massimo A. Marino
LM Heavy Civil Construction, LLC
W. Allen Marr
Geocomp Corporation
Arthur J. McGinn
Brierley Associates Corporation

Malcolm McLaren
McLaren Engineering Group
Amitabha Mukherjee
Parsons Brinckerhoff Inc.
Nasri A. Munfah
HNTB Corporation
Joseph A. Pastore
Hayward Baker, Inc.
Frank Pepe, Jr.
Parsons Brinckerhoff Inc.
Paul Pomponio
El Sol Contracting
Matthew F. Pope
Mining Equipment Ltd.
Joseph F. Posillico
Posillico Inc.
Bradford W. Roberts
GZA GeoEnvironmental, Inc.
Patrick J. Rooney
Railroad Construction Co.
Ned C. Seelhorst
Explo Powder, Inc.
Vincent A. Siefert
Siefert Associates, LLC
John F. Sullivan
Skanska USA Civil Northeast
Salvatore F. Taddeo
Skanska USA
Patrick Whelan
Weeks Marine, Inc.
Michael T. Williams
Judlau Contracting, Inc.

Gary Yerganian Citnalta Construction Corp.

*Welcome and Congratulations
To Our
New Moles Members*

CARTY HONORED BY THE MOLES

At the conclusion of the 2015 Award Dinner program, Moles Executive Director, Gerry Carty, was summoned to the dais by President Hank Adams and presented with a special plaque, which reads in part:

**In Furtherance of our Appreciation for his Leadership
The Gerard J. Carty Annual Civil Engineering Scholarship
has been established in his honor at
The University of Notre Dame**

A number of Moles members contributed a total of \$200,000.00 in order to establish an endowment at Notre Dame to fund this annual scholarship to a student studying civil engineering. A former President of the Moles and Member Award Recipient, and after a 40 year career in the construction industry, Carty assumed the position of Executive Director of The Moles in 1993, only the third person to hold this position in the over 75 year history of The Moles.

NEWS OF MEMBERS

After more than a 30 year career with Mueser Rutledge, **MICHAEL CHOW** has joined GZA as Senior Consultant. He earned Bachelor (SUNY Buffalo) and Masters (CCNY) Degrees in Structural Engineering. Mike has been a very active Moles member, serving on several committees. His father, **JOHN CHOW**, is being honored this year as a 40 Year Member of the Moles.

WILLIAM D. SPIELVOGEL, has recently started his own marine/heavy civil business, S.J. Hamill Construction Company, LLC, in Charleston, SC. William received his Civil Engineering Degree from the University of Vermont in 1985.

JAMES E. STROBEL, after over 28 years with Yonkers Contracting Company, recently joined RELATED as Vice President and is currently managing the construction of the new platform over the active LIRR Hudson Yards. Hudson Yards is the largest development in New York City since Rockefeller Center as well as the largest real estate development in the history of the United States. Jim earned his Bachelor and Masters C.E. Degrees from NJIT.

News From Moretrench American Corporation: **ARTHUR B. CORWIN**, was honored by his alma mater, Farmingdale State College SUNY, as *Alumnus of the Year 2015*, at a dinner on March 5th at Crest Hollow Country Club, Woodbury, N.Y. **MICHAEL M. MC HUGH** was named Executive Vice President of Moretrench at its February Board of Directors' Meeting. Mike earned his Civil Engineering Degree from Manhattan College in 1980 and thereupon joined Moretrench. Vice President and Chief Engineer, **PAUL C. SCHMALL**, has been selected as Recipient of the *2015 Wallace Hayward Baker Award*.

2015 WINTER MEETING

The Moles Winter Meeting has been held in Florida, principally in Naples, since its inception in 1995. The 2015 Winter Meeting represented a milestone for this event, with its move to The Westin Hotel on Grand Cayman Island.

Grand Cayman is a relatively small Caribbean Island, located south of Cuba and continues to a part of the British Empire. Unlike most of the Caribbean islands which, in addition to their luxury hotels, have a large amount of poverty, Grand Cayman is a very prosperous island, noted for the many banks and financial institutions with headquarters there.

The Westin Hotel reminded many previous meeting attendees of the La Playa Beach Resort in Naples, because of its smaller size and location right on the beach. In this case, the beach is the Seven Miles Beach, one of the finest in the Caribbean. Another similarity with the two hotels, was watching the beautiful evening sunsets while enjoying cocktails prior to dinner.

The Westin Hotel, with an 800 ft beachfront, proved to be very comfortable and many members were content to spend their time on the beach or in the immediate adjacent pool area. The principal attractions on the island are scuba diving and boating to Sting Ray City, where one can disembark in shallow water and pet the friendly stingrays. Fine restaurants and shopping are located close-by to the hotel.

In more recent years, the weather in Florida has not been very good at the time of our meetings but this was not the case this year — perfect weather every day. Many members extended their stay, some to as much as a week.

The Moles will be returning to Grand Cayman and the Westin Hotel in 2016. Mark your calendars now: February 25th to February 28th.

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: Gerard J. Carty, P.E., gcarty@themoles.net.

CONGRATULATIONS TO OUR 40 YEAR MEMBERS 1975 to 2015

Nice to hear from **GLEN H. BALLOWE** and learn that he continues to be active in managing commercial real estate with an office in Suitland, Maryland. Glen's earlier career was with Volpe Construction Company constructing sections and stations of WMATA.

ROBERT J. BRUNGRABER expects to be at the May Dinner to receive his 40 year certificate in person. Not at all surprising! Since his retirement from Bucknell University in 1992, as Chairman of the Civil Engineering Department, Bob has remained a very active member of the Moles, attending and helping at almost every Student's Day since that time.

A survivor of the Battle of the Bulge, **EDMUND M. BURKE** went on to earn his Civil Engineering degree from Manhattan College and spent his career with Mueser Rutledge Consulting Engineers, where he was a long-time Partner. He continues to live in Westchester County, NY.

RALPH E. CHILTON earned a Bachelor of Science degree from Yale University and spent his career in the dredging industry with Merritt Chapman & Scott; Dunbar & Sullivan and Hawaiian Dredging Company. He resides in Lake Stevens, Washington.

After an early career with J. Rich Steers, **JOHN CHOW**, joined the Mergentime Corporation and closed out his career in heavy construction with the Perini Corporation. John enjoys best his visits and gatherings with his eight children and twelve grandchildren, particularly when they all come together at their annual summer vacation in Narragansett, Rhode Island and for Christmas Day.

JOSEPH D. D'ANNUNZIO, writes from Naples, Florida, to which he retired in 1987, that despite off and on health problems, he is looking forward to celebrating his 61st Wedding Anniversary with his wife Viola in May. Joe founded the family construction company, D'Annunzio Construction Company, Clark, NJ, which is now led by his son, Moles member **MICHAEL D'ANNUNZIO**.

From Rogers, Arkansas, **ROBERT (Red) HOWARD** writes, *I have enjoyed my years in the construction industry and The Moles, and the many friends I have made along the way.* Red spent his entire construction career with just two companies: the Dravo Corporation and Fruin-Colin Corp. Now 92 years old, he has lived the last 30 years on beautiful Beaver Lake in Rogers, where he continues to enjoy fishing.

Known as Ned, **JOHN E. HUGHES, JR.**, spent his career with Atlas Powder Company, retiring to Stuart, Florida in 1990. For many years, representatives of the major powder companies (DuPont, Atlas and Hercules) were very active participants within the heavy construction industry but things have changed since the last century.

WILLIAM E. KRUSE, a Civil Engineering graduate of Cooper Union, was employed by Falco Construction Corporation, Brooklyn, NY, when he joined the Moles in 1975. He went on to several other companies, all involved in pile and foundation work, including Raymond International. Bill plans to receive his plaque in person at the May Dinner.

When one recalls S.J. Groves & Sons, Co., (Minneapolis, MN,) one thinks of **JAMES L. MANN**, who spent the largest part of his career with that company. A former President of The Beavers, Jim then went on to close out his career with Green Holdings and continues to live in Minnesota (Maple Groves).

Having seen the construction industry from all sides: Contractor (McLean Grove); Owner (Public Works Commissioner Westchester County); and Engineer (Sverdrup Corporation), **EDWARD S. PLOTKIN**, continues at a hectic pace serving on several DRBs around the US. He has been honored by his Alma Mater, the City College of New York; the American Society of Civil Engineers; and the Underground Construction Association and has just completed 50 years of service on the Planning Board of the Village of Dobbs Ferry, NY.

A NEW ENGINEERING BUILDING AT RUTGERS UNIVERSITY RICHARD WEEKS HALL of ENGINEERING

As a result of a very substantial contribution to his alma mater by **RICHARD N. (Dick) WEEKS**, Rutgers University has named its new engineering building on the Busch Campus, The Richard Weeks Hall of Engineering. A graduate of the University's School of Engineering, Dick is the Founder and Chairman of Weeks Marine, Inc., now among the nation's largest marine and dredging contractors.

MAY THEY REST IN PEACE



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1992 Moles President and 1996 Moles Member Award Recipient, **GEORGE B. SEARLE** died on December 8, 2014, at the age of 81. Shortly after graduating from Harvard University, George embarked on a 25 year Career with S.J. Groves & Sons, rising to the position of Vice President and Area Manager of the Camp Hill, PA office. In 1980, George joined the Interstate Amiesite Corporation, a blacktop paving company, which he transformed into a highway and heavy construction company, changing the name to IA Construction Company. In 1989, George sold IA to Colas, a large French construction company. Among his survivors is his son, Moles member **G. GEOFFREY SEARLE**.

Like many of his fellow Moles members, **A. JAMES CLARK**, upon graduation from the University of Maryland in 1950 with his C.E. degree, was hired for an entry level position by George Hyman Construction Company, a local Washington, D.C. road contractor. He subsequently became President of Hyman and owner of the company and then went on to form Omni Construction Company and The Clark Construction Group. Jim died on March 20, 2015, at the age of 87. His obituary in the *NY Times* reported that his fortune amounted to \$1.4 billion. He was a major benefactor of his alma mater as well as other universities and a substantial donor to The Moles Scholarship Fund.

MARIO M. CUOMO, Principal Speaker at The Moles 1985 Awards Dinner and an Honorary Member of The Moles, died on January 1, 2015, at the age of 82.

ROBERT E. HUIE died on April 7, 2015, at the age of 85. The Huie family played a prominent role in The Moles. His

father, Irving V.A.. Huie was the president of the NYC Board of Water Supply and, at the First Moles Award Dinner, presented The Moles Non Member Award to Robert Moses. His brother **IRVING R. HUIE** was President of The Moles in 1987, and Moles Member Award Recipient in 1990. Bob earned his C.E. Degree from Manhattan College in 1951, and went on to spend his entire career with the Perini Corporation, serving for many years as Vice President of the Highway Division.

RICHARD J. O'SULLIVAN, a Civil Engineering graduate of Manhattan College and a 40 year Member of the Moles, died on January 31, 2015, at the age of 93. Dick spent his career with Poirer & McLane and Spearin, Preston & Burrows. Among his survivors is his son, Moles member **JOHN O'SULLIVAN**.

RAYMOND R. REED died on November 14, 2014, the age of 86. He spent most of his career with J.C. McElroy Company, much of it as Vice President, servicing the heavy construction industry with fabricated steel products and materials required for marine construction.

BERNARD RICHARDS died March 9, 2015, at the age of 88. He received his degree in accounting from CCNY and after obtaining his CPA, he joined Slattery Associates in 1961, and ultimately assumed the presidency of the company in 1968. Subsequently, Slattery merged with Alpha Portland Cement Company and Richards became the president of the new company and embarked on an acquisitions program in which H. Sand & Co., Grow Tunneling Corp. and Underpinning & Foundation Company were acquired. He retired in 1998, some years before the company became a part of Skanska.

LYLE V. SILVERMAN, more recently Vice President of Operations of DGI-Menard, Inc., died on February 24, 2015, at the age of 59. Starting as a piledriver, Lyle joined Nicholson Construction Company in 1982 and rose to Western Regional Manager before joining Menard in 2003.

MOLES CLAMBAKE

Travers Island—Tuesday, August 4, 2015

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

2015 MOLES STUDENT'S DAY

Another Challenge!

Each of the past two years, The Moles Education Committee thought it had reached the pinnacle of challenge in preparing and executing Student's Day. They out did themselves again in conceiving and organizing the 2015 Student's Day. Never before had the Moles traveled to and inspected a construction project by water.

As we know, the reconstruction of Tappan Zee 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 Bil. 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.

When it was determined by the Education Committee that the TPZ project was the most desirable project for this year's Student's Day, the committee explored the various options of how to take approximately 350 students to and around the construction site. Quickly, they learned that the only way to view the site was by water (Hudson River). They then proceeded to see how this could be done. After looking at three possibilities, they quickly concluded that a Circle Line Sightseeing boat was the most practical and economical way to proceed.

The Circle Line had three new boats and offered to make one available (*The Brooklyn*) for the day's charter. As is customary on Student's Day, presentations of what will be seen at the construction site are made by the persons most knowledgeable about the project. An AV company thus had to be engaged to set up the proper system on the boat for this to be done.

During this whole process, the Tappan Zee Bridge construction staff, headed by Moles member, **WALTER REICHERT**, cooperated and assisted at all times. Several meetings were held with the Circle Line staff and they too were most cooperative and most helpful.

It was determined that the vessel, docked at Pier 83 (West 43rd St. adjacent to the Intrepid), would be ready for boarding at 8:00 A.M. and the sailing was set for 9:00 A.M. When the students boarded, they were directed to the breakfast buffet and then on to their seating. *The Brooklyn* departed promptly at 9:00 A.M. and proceeded on its journey up the Hudson River to the project site. During this time, they were welcomed by Moles President **HANK ADAMS**, and Education Committee chairman, **PAUL SCHMALL**. Presentations were then made by the Governor's Advisor, Brian Con-

yebeare, **WALTER REICHERT**, Project Manager, and **BOB PALERMO**, of GZA GeoEnvironmental and Lead Geotechnical Engineer for the Design Build Team. Students were provided with a project overview and an in-depth power point presentation on the geotechnical aspects of the new bridge's footings and bridge foundation.

Upon arrival at the site, the students went out to the open upper rear deck and to an open area on the bow of the vessel. Both locations offered an excellent view of the work underway at the site. Although the weather was unpredictable, the morning's rain had subsided and a heavy fog set in. However, the vessel was able to approach close to the work and Walter Reichert explained the details of the construction work then underway. The students were able to closely view The West Coast Lifter, which had been brought through the Panama Canal after completing its assignment on the reconstruction of the Oakland Bay Bridge and underwent modifications at Weeks Marine yard in Jersey City, N.J., before being brought to the TPZ Bridge site.

One could see on the faces of the students, how energized and excited they were by the site visit. Lunch was made available and the students sat among themselves in smaller groups discussing the day's events. This was truly an experience the students would remember forever throughout their future civil engineering careers.

All members of the Moles can be very proud in 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, **BOB RADSKE** of MRCE, who serves as the Moles photographer, took many fine photographs of the day's events, some of which are displayed on the opposite page. He took a photograph (also see opposite page) of a number of student groups, which is being made available to students and faculty via invitation to a shared online photo album. Photos have also been posted to The Moles website, www.themoles.net.

Thanks needs to be extended to many for making this day possible. The Moles Education Committee, chaired by **PAUL SCHMALL** of Moretrench American Corp., conceived and executed the event. Education Committee members brought others from their companies to assist; approximately 20 volunteers were on hand to assist as needed.



A JOURNEY TO THE TAPPAN ZEE BRIDGE



The Moles 2016 Award Dinner

Raymond R. Oneglia and Timothy Barnard Honored

Attendees Undeterred by Bad Weather

Despite a forecast of extreme bad weather and a State of Emergency being declared by both the Mayor of New York City (closing down the subway system and all public transportation) and the Governor of New York State (closing much of the NYS Thruway), The Moles Award Dinner proceeded as planned. Mole members and guests might best be described by the inscription on the General Post Office in New York City (across from Madison Square Garden on 8th Avenue and 33rd Street), *Neither snow nor rain nor heat nor gloom of night stays these couriers from the swift completion of their appointed rounds.* Not surprising, as many of the attendees are accustomed to building in the most difficult weather and ground conditions.

The weather certainly did not deter the Principal Speaker of the evening, U.S. Secretary of Transportation, **ANTHONY R. FOXX**, nor the Awardees, **TIMOTHY BARNARD**, Barnard Construction Company (Bozeman, Montana) and **RAYMOND R. ONEGLIA**, O&G Industries (Torrington, Connecticut).

The Awards Dinner made a recent appearance in Paul Singer's **USA Today** political column. On Wednesday, April 22, 2015, Mr. Singer referenced "a bunch of moles" in the opening line of his article about the then upcoming Annual White House Correspondent's Association dinner the following Saturday evening. Further along in the article, he continued with, *In January, Transportation Secretary Anthony Foxx attended a black tie awards dinner in a ritzy New York hotel for the association of tunneling and heavy construction contractors.* Since a photo of actress Lindsay Lohan accompanied his article, we will stand by the Oscar Wilde quote, *The only thing worse than being talked about is not being talked about.*



Secretary Foxx and Moles President Henry E. Adams



Member Award Recipient Raymond Oneglia and Award Chairman Chris Traylor



Non Member Award Recipient Timothy Barnard and Presenter Paul A. Franzen



New York Hilton Hotel Ballroom



Seated on Dais: Left to Right : Robert D. Stevens, James M. Marquardt, Thomas A. Gelormino, Charles Greco, Salvatore Mancini, Alfonso Daloisio, Arthur B. Corwin, Richard H. Di Louie.