
POLISH-AMERICAN ENGINEERS ASSOCIATION

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All members and friends of Polish-American Engineers Association are cordially invited to attend our meeting.

DATE: **Friday, September 20th, 2013**

TIME: **7:30 p.m.**

PLACE: **Copernicus Center**
Kings Hall
5216 W. Lawrence Avenue
Chicago, Illinois

SPEAKER: **Frederic A. Drummond Jr.**
Colonel, US Army Corps of Engineers
Commander of the Chicago District

James H. Schreiner, PMP
Lieutenant Colonel, US Army Corps of Engineers
PhD Candidate, University of Illinois - Urbana Champaign
Department of Industrial and Enterprise Systems Engineering

TOPIC: **Redevelopment of Northerly Island (Formerly Meigs Field)**



As Commander of the Chicago District, **Col. Frederic A. Drummond Jr.** is responsible for water resources development in the Chicago metropolitan area, an area of about 5,000 square miles with a population of about nine million. The district's primary mission focuses on flood risk management and storm damage reduction, navigation, environment, regulatory, emergency management and interagency and international services.

Col. Drummond enlisted in the Army in 1980 after graduating from Hastings High School, Hastings, Neb. Following basic training at Fort Leonard Wood, Mo., he served with the 1/509th Airborne Battalion Combat Team in Italy and the 618th Engineer Company (Light Equipment) (Airborne), 82nd Airborne Division, at Fort Bragg, N.C. He also participated in Operation Urgent Fury (Grenada). Col. Drummond was commissioned as an infantry officer in the Nebraska National Guard upon graduation from the University of Nebraska at Kearney. He was commissioned into the Army Corps of Engineers in 1989.

Previous assignments also include serving with the 307th Engineer Battalion, 82nd Airborne Division during Operation Desert Shield/Storm as an engineer platoon leader 4-325 Infantry Battalion (Gold Falcons), and Alpha Company, 16th Engineer Battalion, "Outlaws," where he spent one year in support of Task Force

Eagle in Bosnia-Herzegovina. In 2001, Col. Drummond was assigned to the 20th Engineer Brigade as an XVIII Airborne Corps engineer planner.

He deployed to Afghanistan where he established Provisional Reconstruction Teams and Army Special Operations Forces base camps; and was assigned to the U.S. Central Command (CENTCOM) as the deputy director of Ground Operations and as executive officer to the Operations Directorate. Col. Drummond stood up and commanded the 1st Brigade Combat Team Special Troops Battalion, 82nd Airborne Division (Devil Strike). He deployed to Southern Iraq where he oversaw combat operations in Dhi-Qar, Muthanna, and Diwanyah provinces for 14 months. Following his command of the battalion, he served in the Operations Section of the XVIII Airborne Corps rear detachment before being assigned to U.S. Special Operations Command.

Col. Drummond is a graduate of the Naval War College and holds a Master of Arts in National Security and Strategic Studies, a Master in Business Administration, and a Bachelor of Arts in Industrial and Construction Management.

Col. Drummond's military awards and decorations include the Legion of Merit, three Bronze Star Medals, a Defense Meritorious Service Medal, three Army Meritorious Service Medals, three Army Commendation Medals, Joint Service Achievement Medal, four Army Achievement Medals, two Army Superior Unit Awards, Sapper Tab, Ranger Tab and Master Parachutist Badge



Lt. Col. Jim Schreiner was commissioned as a 2nd Lieutenant in the U.S. Army Corps of Engineers on 9 September 1995. As the current Deputy Commander of the Chicago District, he supports water resources development in the Chicago metropolitan area, an area of about 5,000 square miles with a population of about 8 million. The district's primary mission areas are flood damage reduction, navigation, shore protection, emergency management, environmental functions and support for others.

Prior to joining the Chicago District, he served as an instructor and analyst in the Department of Systems Engineering at the United States Military Academy (USMA), specializing in Project Management, Engineering Design and Systems Management. He also served as senior faculty mentor on multiple senior design capstones. As the officer in charge of the American Society for Engineering Management (EM) Club he authored the packets which earned West Point the best EM undergraduate program in the nation. He was a founding member of the first nationally recognized Engineers without Borders organization at West Point and travelled to Nicaragua to begin the new multi-disciplinary capstone and club experience for young engineering leaders. He has earned his Master Teacher certification and was academically promoted to Assistant Professor-USMA in July of 2011.

Previous assignments include 70th Engineer Battalion, 3rd Brigade, 1st Armored Division at Fort Riley, Kansas; 2nd Engineer Battalion, 1st Brigade, 2nd Infantry Division at Camp Castle, Korea; the 4th Engineer Battalion, 3rd Brigade, 4th Infantry Division, Fort Carson, Colorado and the 1st Special Troops Battalion, 1st Brigade, 82nd Airborne Division at Fort Bragg, North Carolina.

Lt. Col. Schreiner has 36 months of forward deployed time in support of the Global War on Terror; two tours in support of each Operations Enduring Freedom (Afghanistan) and Operation Iraqi Freedom. He deployed twice as company commander of Charlie Company, 4th Engineers with Task Force 1-12 Infantry to Operation Enduring Freedom in Kuwait, helping to form the mechanized CENTCOM contingency force in Iraq, and assisting with deploying special teams in to Afghanistan and then again in March 2003 in support of Operation Iraqi Freedom to lead full spectrum operations in Samarra, Iraq. In 2005, Lt. Col. Schreiner served as the CJ7 (Engineer) Plans Officer for Combined Forces Command – Afghanistan, Operation Enduring Freedom and as CJ7 Construction Officer position coordinating all Strategic Reconstruction Efforts for the Central Asian States, resourcing those efforts, and executing them in close coordination with numerous

interagency country teams and USACE - AED. In 2007/2008 he deployed in support of Operation Iraqi Freedom with the 82nd Airborne Division as a battalion operations officer coordinating interagency reconstruction efforts and counter-IED operations during the 'surge' in southern Iraqi provinces.

He is a graduate of the Engineer Officers Basic Course, the Engineer Captain's Career Course, the Combined Arms Staff Service School, and the Command and General Staff College. His civil schooling includes a B.S. in Mechanical Engineering from Marquette University, a M.S. in Engineering Management from the University of Colorado, and he is a Certified Project Management Professional.

He is an Engineer in Training and working towards his Professional Engineering Certification in the state of IL. He is an active member in the Knights of Columbus, the Army Engineer Association, and the American Society for Engineering Management, the Project Management Institute, the Veterans of Foreign Wars, and the 504th PIR and 82nd Airborne Associations. He is the acting Vice President of the Chicago Post of the Society of American Military Engineers.

His awards include the Bronze Star Medal (2), the Defense Meritorious Service Medal, the Army Meritorious Service Medal (3), the Army Commendation Medal (5), and the Army Achievement Medal (4). He has earned the Combat Action Badge and the Army Parachutist Badge

Lt. Col. Schreiner is a native of Chicago, Illinois where he resides with his wife Diane and daughters, Anne, Melissa, and Katherine.

Abstract

The Northerly Island project is a premier project because it will restore 40 acres in the heart of Chicago with close proximity to the museum campus and Navy Pier which are popular tourist attractions. The Chicago Park District developed the Northerly Island Framework Plan in 2010 and the U.S. Army Corps of Engineers (USACE) Chicago District partnered with them to implement the restoration piece of the framework plan under the Great Lakes Fishery and Ecosystem Restoration (GLFER) Program. The GLFER program gives the Corps authority to plan, design and construct ecosystem restoration projects that support the restoration of fisheries, ecosystems, and beneficial uses of the Great Lakes. This is not a grant and projects under this program require a non-federal sponsor to cost share the project, 65% federal and 35% non-federal. This project will create 6 habitat types that existed before the Chicago metropolitan area was developed. These are lacustrine, dunal pond (using Lake Michigan as natural hydrology), emergent marsh, wet prairie, mesic prairie and savanna. A combination of Corps funds and Great Lakes Restoration Initiative funds received from U.S. Environmental Protection Agency were used for the planning, design and construction of the Northerly Island GLFER project. A 5-year contract was awarded to Future Net Group (FNG) on Sep 29, 2012. FNG mobilized in May 2013 and currently they are working on top soil stripping, temporary electrical for the dewatering system, dewatering, and pond excavation. The Total Project Cost (including feasibility and design phases; and construction oversight) is \$7.6M. This restoration project will provide the Great Lakes with valuable migratory bird and fish-spawning habitat.

Administration Updates

We would like to introduce **new administration** for the 2013-2015 period. We are very grateful to the Nominating Team (Miroslaw Noyszewski, Danuta Szymulanski, and Joanna Jacobs) for coordinating the nomination and election process. Results of the elections were as follows:

Recording Secretary	Marek Cyran
Treasurer	Richard Kaczmarek
Financial Secretary	Grazyna Czyszczonek
2 nd Vicepresident	Jerzy Pietrowski
1 st Vicepresident	Andrzej Pawlowski
President	Michael Niedzinski

Board of Directors:

Dr. Ron Wolosewicz, Miroslaw Noyszewski, Dr. Jan Plachta, Danuta Szymulanski, Roman Korczak, Andrzej Czyszczonek

Auditing Committee:

Stanley Witczak, Ewa Mroczek, Ed Staruk

Nominating Committee:

Roman Poplawski, Janusz Kulczuga, Pawel Pacocha

We want to express our sincere **Thank You** to Roman Korczak, Rafal Kopacki, Jacek Szostka, Stanley Witczak, Jacek Zaworski and Walter Rymysz for their active participation and support of PAEA. Additionally we want to thank Mr. Rene Pietrzyk for three productive years as a Social Director. Mr. Roman Korczak graciously agreed to stay on as Webmaster.

Scholarship Committee consisting of Roman Korczak, Jacek Szostka, Grazyna Czyszczonek and Michael Niedzinski reviewed documentation of eight applicants for the Ralph Modjeski Scholarship and after consideration selected two recipients. They are;

Mr. Marek Mroczek - Senior at University of Illinois studying Material Engineering

Miss Natalie Trochimiuk - Junior at George Washington University studying Systems Engineering

Second Tri annual **Symposium of Polish Engineers** organized by Warsaw Polytechnic, NOT and Council of Polish Engineers in North America took place in Warsaw on June 26-28th. Dr. Jan Plachta and Michael Niedzinski represented PAEA. Additionally we had about twenty other USA participants representing Polonia Technica, Silicon Valley, Canadian organizations and Academia. Meeting provided an opportunity for Polish Engineers from organizations representing various countries to network and develop technical contacts.

On July 13th over 80 members and sympathizers participated in the annual **PAEA Picnic** at Fourth lake resort. Weather cooperated, tasty food, excellent emcee job By Rene Pietrzyk resulted in a memorable event. Entire

activity was recorded by a “drone” helicopter of Janusz Rozanski. Hoping that excerpts of the picnic will be shown during September meeting.

On June 15th 45 members of PAEA and sympathizers participated in **tour of the pumping station** of the deep tunnel. Trip was organized thru cooperation with Metropolitan Water Reclamation District of Chicago. We had an opportunity to view pumping station and ancillary equipment located 300 feet underground.

2013 MEMBERSHIP DUES. Please note that the dues schedule for 2013 did not change. Dues are \$50 per year, senior citizens and students \$25 per year. We strongly encourage you to pay your dues in January or, if not possible, in February. 2013 membership cards will be provided to all those who paid their dues. Questions? You may inquire at the meeting or send an email to: paea.info@gmail.com.

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