

Future Cities Competition

The Future Cities Competition was held at FIU on January 18. Vice President Jose Acosta, P.E. mentored a team from the science class of Nautilus Middle School in Miami Beach. The team received special awards for Historical and Cultural Resources and Efficient Energy Design. They were the only non-charter school/private school that made it to this level in their 3rd year of competition. Schools involved were from Miami-Dade and Broward Counties. The project included a model of SimCity and a written essay with research. The model had a requirement of using recycled materials with a cost of \$75. Also pictured is Gwen Foote who is the team’s teacher. The other children pictured are the team’s 8th grade liaisons.



CMA’s Land Development Experience



The management at Chen Moore and Associates chose to put a focus on the “market” of land development in this issue partially because it represents a set of integrated services that we possess and are executing for private and institutional clients on a daily basis. We also chose to focus on land development because we’ve heard feedback about being new to the market. In fact, we’ve been practicing in the market throughout the existence of the firm, but previously only for municipal clients. Our history with parks, fire stations, parking facilities and utility facilities has always required skills in due diligence, site planning, civil engineering, landscape architecture and several other skills at the pace required to meet development orders and financial schedules.

Public Private Partnerships are also a key element in this market and our experience as city engineers, utility master planners and environmentalists are well served in dealing with the balance of varying project goals. CMA continues to work on various projects in the urban core within commercial districts and on commercial developments for municipalities, community redevelopment districts and developers. Projects like South Pointe and

City Center in Miami Beach are examples of this type of collaboration, where CMA adds value via experience from each role.

From a more traditional sense, our residential project experience offers single family and multi-family home experience and has included site master planning, utility and stormwater master planning, civil engineering and construction engineering inspections. Project examples include the Monterra Development (single and multi-family development) in Cooper City, FL and the Knots Landing Townhouse development in Brighton, FL. CMA has worked on campus housing and apartment projects near various universities including Florida Atlantic University and Florida International University. Our land development projects have also included commercial parcels, semi-public facilities and facilities for institutional clients.

CMA has also worked on several international land development projects. Projects have included residential, commercial and industrial elements on large sites. Projects have been in the Republic of Panama, the Caribbean and the Middle East.



CMA Holiday Party

The CMA holiday dinner was held at Catalina in Fort Lauderdale on December 6. The evening was a great opportunity for our Fort Lauderdale, Miami, West Palm Beach, Gainesville and Stuart employees to get to socialize and celebrate a successful 2013.



Broward FES MathCounts

On February 1, the Broward Branch of the Florida Engineering Society held MATHCOUNTS, a yearly math competition for middle school students. This year the event was held at Blanche Ely High School in Pompano Beach. The competition had a high turnout of both participants and volunteers, including Peter Moore, P.E., LEED® AP; Safiya Brea, P.E., LEED® AP; Joel Brownsey; Dr. Ben Chen, P.E., BCEE; Kathy Horrigan; Melvia Rogers; Alexis Kiever, E.I., and Oscar Bello, P.E., DBIA from CMA. Over 30 schools and 250 students competed, which made the event the second largest regional competition in all of Florida. The competition continues to provide a fun learning experience for attendees. The winners of this competition will continue on to the State Competition to be held in Orlando later this year. From there, the winners will proceed to the national competition which is televised on ESPN. MATHCOUNTS continues to promote mathematics, a fundamental skill for the engineers of tomorrow which Chen Moore and Associates, along with the Florida Engineering Society, is pleased to promote.



New UF Health Pediatric Cardiac Intensive Care Unit

Jason Haeseler, P.E. spoke at the ribbon cutting for the new University of Florida Health Shands Children’s Hospital’s pediatric cardiac intensive care unit on January 10. Children from around Florida and the Southeast are routinely flown to Shands for treatment for various congenital heart defects (CHDs). Jason’s daughter Genevieve was a patient at Shands at birth for her CHD, transposition of the great arteries. She had surgery at 31 days old and was in the hospital for over 6 weeks. CHDs are the most common birth defect, affecting 1 in 100 children. CMA has three families with children with CHDs. The 18,000-square-foot unit on the hospital’s 10th floor has 23 beds and rooms with large bathrooms and couches. The total cost for the new unit was \$27 million. The new pediatric cardiac ICU department officially opened for patients on January 17.

