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CLICK to watch Dan Pink talk about “The Puzzle of Motivation” presented by TED.

"Pink has a knack for teaching in such an entertaining way that you'll forget you are learning."

Lexi Feinberg, Forbes.com

Career analyst Dan Pink examines the puzzle of motivation, starting with a fact that social scientists know but most managers don’t: Traditional rewards aren't always as effective as we think. Listen for illuminating stories -- and maybe, a way forward.

Outside the Box will be a standing column designed to introduce new ideas and concepts from other resources and professions that may help stimulate a new way of thinking about total cost management. We invite Source readers to send suggestions on other sources to AACE International Executive Director Dennis Stork at dstork@aacei.org.
President’s Message
Passing on the Torch

Education Board News
An AACE International Success Story

AACE International Scholarships
The 2012 Contributors to the AACE Scholarship and Endowment Funds

AACE International Sections
Section Best Practices: National Capital Section
1 Outside the Box
   The Puzzle of Motivation

13 Women in Project Controls
   Spotlight on Eileen Doonan

17 Young Professionals in Cost Engineering
   Spotlight on Joem Baldesco

24 Special Focus
   Orbital Sciences Hosts Niyi Ladipo

27 AACE International COMP Program Members

32 The AACE International Bulletin

39 Professional Services Directory

39 Index to Advertisers

40 AACE International Online Store

42 AACE International Contacts

43 Coming Events

44 Next Month in the Cost Engineering Journal

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Shaping tomorrow together
This is my last Source article as President of AACE International. It’s been a wonderful year and I thank all of you for the opportunity to serve as your president. I’ve talked to past presidents of our organization and been impressed by the challenges many of them have faced. I’m blessed because the challenges we’ve faced have been minor by comparison and we’ve been able to handle each issue as it came up. We’ve had a great team of board members, volunteers, and professional staff who rose to the challenge and made this a memorable, productive year.

Let me just mention a few highlights of 2012-2013 and those who are responsible for the successes. First, I want to say a big thank-you to the 2012-2013 Board of Directors. They have been a great team and have accomplished a lot this year!

Successful 1st International TCM Conference in Dubai - Nov.2012: Many thanks to Julie Owen, Madhu Pillai, Phillips Tharakan, Emylen Martinez, Sean Regan, Dennis Stork, Jennie Amos, Terri Jefferson, MCI. We had over 150 people from 27 countries in attendance.

- ITCM conference in Bangkok – Nov. 2014 – plans being finalized
- ITCM conference in Istanbul – Oct./Nov.2015 – planning underway
Computer-Based Examinations – Oct. 1, 2012 – Val Venters and the Certification Board, Penny Whoolery and her staff. This gives greater flexibility to our examinees to choose a time and place that’s convenient for them. This frees up sections from recruiting proctors and devoting several Saturdays a year to overseeing the exams.

New Certifications have been implemented this year
- July 1, 2013 – Decision Risk Management Professional (DRMP) – the DRMP Task Force - This was a tremendous effort over many years that will be honored at this year’s annual meeting.
- June 2013 – Scheduling Technician

The 2013 Annual Meeting will be something special. Kim Hunter has led the development of the Government Industry track which will have several outstanding panels on Monday, July 1. All are welcome to attend. The themes for 2014 in New Orleans will be the Energy Sector, and in 2015 in Las Vegas, we’ll be featuring the Mining Industry.

The Education Board has been very active this year. Documents produced include:
- Earned Value Study Guide – also being revised and expected in the fall 2013.

The Education Board received over 1,200 scholarship applications from the US and 143 in Canada this year, compared with 325 and 38 last year, a dramatic increase! Scholarships worth more than $91,000 have been awarded. An International Scholarship program is being developed for 2014.

A new scholarship giving campaign will be announced at the Annual Meeting.

The Technical Board has produced a total of 53 Recommended Practices and another 9 are currently in various stages of review.

Earned Value Recommended Practices have been a gap in AACE’s repertoire of technical products. We began an initiative this year to write several RPs under the direction of Bob Loop and his group. In the first 4 months, 6 new RPs have been drafted and 2 are in review by the Tech Board and/or are undergoing public review. The plan is to cover the ANSI standard EVM first, then write RPs that address commercial practices, the Australian standard, and others. The Earned Value Forum is also being revitalized.

Twenty Professional Practice Guides have been issued. There is 1 new one being finalized, 3 existing ones are being revised and there are 4 new ones being developed.

Cost Engineer’s Notebook is being revised and expected July 2013. – Lance Stephenson.

Annual Meeting – 240 abstracts received, 114 papers submitted, and 87 selected.

International Growth: Major growth for AACE has been in the international arena. Five training classes were conducted this year in Russia and growth has been encouraged through the Eastern Europe and Russia Task Force, thanks to Sean Regan, Julie Owen, and PM Soft. The entire Skills & Knowledge of Cost Engineering and the TCM Framework were both translated into Russian this year. Our agreement in China with SCCA has resulted in over 20 new members getting certified based on efforts by Steve Warhoe and Feng Shen. Other efforts in the international arena include the Latin America Task Force which includes a new section in Brazil and potential new sections in Argentina and other countries.

Several new sections have been formed this year including Long Island, while other sections have been revitalized due to the efforts of section officers and region directors. An outstanding example of a region director is Cristina Baltazar, who as Region 2 Director, visited all her sections this year, helped start a new section and revitalized 2 other sections.

The Young Professionals Task Force under Josh Rowan’s leadership has reached out and made presentations to several universities this year, including the University of Southern California, Purdue, and several schools in Texas. They have already set up meetings next September for University of Colorado, Colorado State University, and University of Denver. The Women in Project Controls Committee under Marina Sominsky’s leadership has continued to publish feature articles on women of note in our profession and welcomed hundreds of new female members each quarter to AACE International.

I want to thank everyone who has devoted their time and energy this year to make AACE International a successful, growing organization.

If you would like to contact our current president with questions or comments about The President’s Message please address your e-mail to president@aacei.org. To engage in other discussions, check out AACE International’s Online Forums at www.aacei.org/forums.

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It’s a success story of an AACE scholarship winner who became an AACE member and in 2012 was recognized for educational teaching achievements over an extended period of time.

Dr. Janaka Ruwanpura, former director of the Centre for Project Management Excellence at the University of Calgary, was awarded the Brian D. Dunfield Educational Service Award at the 2012 AACE Annual Meeting in San Antonio.

His association with AACE started years earlier, when he received two AACE scholarships, the first one in 1998 for $1,500; and then 2001 for $2,000 (semi-final winner).

Ruwanpura was born and raised in Colombo, Sri Lanka. He pursued an honors degree (Bachelor of Science in Quantity Surveying) from the University of Moratuwa in Sri Lanka, and graduated with First Class Honors in 1992. “I was the best student of the program and topped the cohort in all four years and received two awards at the University Convocation for the best graduate of the program and best student at the final year of the degree program,” explains Ruwanpura. He was then immediately recruited as a lecturer in quantity surveying at the University of Moratuwa. However, he also worked as a consultant quantity surveyor for major building projects since 1988 and became a junior partner and Manager–Projects at QServe, an internationally renowned QS company.

In 1995, he secured a US Fulbright scholarship to pursue a master of science (M.Sc.) degree in construction management at Arizona State University. He says, “I wish I knew about AACE and the AACE scholarship scheme then. I graduated from this program in 1997 and immediately commenced my Ph.D. program in Construction Engineering and Management at the University of Alberta.” He adds, “I got to know about AACE then through the Chinook Calgary Section of AACE. Because of my educational background and the experience in cost engineering, I was very keen to apply for the scholarship. I was very happy to hear the news and the Chinook Calgary Section invited me to their dinner meeting to accept this honor in 1998.”

He did not apply for an AACE scholarship in 1999, as his research had been changed to explore the use of simulation to improve the cost and schedule performance. Then, he applied for a second AACE scholarship in 2000 and received notice in early 2001 of his award. “I was quite thrilled to see that I received a scholarship at the semi-final level,” noted Ruwanpura.

He said he had a full scholarship from the University of Alberta for his Ph.D. When combined with both AACE scholarships, as well as five other scholarships during his Ph.D. studies, he said the scholarships provided him with additional incentives to enhance and
Ruwanpura's key research accomplishments include the following:

- Ruwanpura’s research in the construction productivity improvement research area resulted in the development of a Productivity ToolBox for 10 strategic areas, benefiting academia and the construction industry worldwide. The 10 strategic areas include motivation, supervision, subcontractor integration, materials and logistics management, tool time optimization, site optimization, communication and technological integration, resource optimization, weather and environmental impact, and stakeholder impact. Many tools (e.g., the innovative i-Booth©, which has been commercialized now; the construction productivity improvement officer; and, a worker-supervision matrix) have been developed through this research and are currently being used by many general contractors in Canada and the US, resulting in improved tool time, productivity, worker satisfaction, motivation and proactive planning.

- Ruwanpura’s research has produced value-added tools and models to improve sustainability by exploring environmental, social and economic aspects. These include a new sustainability index for building projects, LEED (Leadership in Energy and Environmental Design) models to improve predictability of cost and improve productivity, and an activity-based waste generation model. A framework of sustainability indicators was developed for appraising the extent of sustainability of a building project, which can be used by owners and design teams seeking high-quality sustainable buildings as the final output of their endeavors. Further, the capacity of the assessment method to serve as an application tool is demonstrated by its integration with the pre-project planning process. This research contributes toward the formulation of best practices for the design of sustainable buildings and paves the way for healthy buildings, realizing social, environmental and economic needs of the society, thus aiding global sustainability efforts at large.

Other major research highlights include:

- He has raised research funding through municipal, industrial, organizational, provincial and federal sources, totalling close to $5 million. In 2012, more than 20 industrial companies in Alberta are collaborating with him in his research program.

- He has published over 170 papers in refereed journals and conference proceedings.

Overall, Ruwanpura’s construction productivity improvement research work has generated respect from both academia and industry. In addition to many refereed journals and conference proceedings in this area, Ruwanpura, who is regarded as a very dynamic and interactive speaker, has disseminated the deliverables of this research through workshops, keynote speeches and invited lectures (in addition to academic conferences). In addition to refereed publications, other highlights of the impact of his research at the local, national and international levels include the following:

- A keynote speaker on 12 occasions (since 2006) at conferences and symposiums worldwide.

- Over 100 invitations as a speaker for events in Canada, the US and other countries, in addition to more than 60 presentations at other symposia and conferences.

- Invited speaker for two national tours (2006 and 2008), with presentations in a minimum of five cities, organized by many local construction associations in Canada.

- In his main area of research on construction productivity improvement, he has trained close to 4,000 construction industry personnel over the last four years, in Canada, the US and internationally.

Ruwanpura says, “In the construction project management field, it is very important that the construction community accept the deliverables and original knowledge that academics produce for their benefit.” For a decade, Ruwanpura has been collaborating with industry to develop tools and best practices for improving construction productivity.

In 2012, Ruwanpura was recognized with a rare award from the construction industry (http://www.schulich.ucalgary.ca/news/March2012): the 2012 In-
dury Partnership Award from the Calgary Construction Association. The text on the award reads:

“In recognition of your vision, inspiration and leadership in building the framework for a collaborative approach for improving construction productivity through research and innovation. The new Productivity ToolBox has changed the culture of the Canadian Construction Industry and has positively impacted a more productive and efficient workforce which can compete in the global marketplace.”

Dr. Elizabeth Cannon, President and Vice-Chancellor of the University of Calgary, in a speech to the Calgary construction community in March 2011, made the following comments:

“Over the years your members and a few additional companies have added considerable financial support to subsequent phases of the research program (of Dr. Ruwanpura), work that brought together research in engineering, technology, management and social sciences ... all to target how to increase productivity in the construction industry. And today – almost 10 years later – our partnership has resulted in a suite of practical tools for the construction industry, much improved productivity on the job site, as well as national recognition for the work we have done together. Today, your foremen can use the I-Booth information kiosk to show workers drawings, 3D models, answer any of their questions, and help everyone on the job site get all the information they need to understand what they’re building. The I-Booth has increased productivity by up to 20 percent. Dr. Ruwanpura toured the country a couple of times to speak about his work and given more than 100 workshops to help train about 2,000 construction workers. The Canadian Construction Association has invited Dr. Ruwanpura to present the research findings three times, and counting. (http://www.ucalgary.ca/president/speeches/20110302).

He has made many other contributions through the training of his post-graduate students.

- He has successfully supervised to graduation a total of over 90 post-graduate students, at both the doctoral and masters levels, in project management at the University of Calgary. This includes 12 Ph.D. and 16 M.Sc. students.
- AACE Canadian Top Scholarship winner (2010, 2011) Fereshteh Khoramshahi, who completed her Ph.D. in 2012, was student of Ruwanpura’s as well.”

Involvement With AACE

Ruwanpura said he is proud of the following accomplishments during his years as an AACE member.

- Has been working with the Chinook Calgary Section of AACE to coordinate student presentations.
- Enhanced the opportunities for the students to obtain AACE scholarships.
- Conducted training programs to improve the networking and educational opportunities for the CCE exams.
- Offered specialized training programs and research related presentations.
- Published five refereed articles in Cost Engineering journal and six articles/papers in AACE Annual Meeting transaction proceedings in the last 10 years.
- Mentored to establish the University of Calgary AACE Student Section (Bow Valley Section).
- Speaker for four local sections in Edmonton, Calgary, Montreal and Toronto and a student section at Concordia University.

Ruwanpura believes his AACE membership provides him opportunities, especially for his students to have an opportunity to obtain scholarships and to promote their research work so that the students can get support from AACE members and companies.

Outlining his work responsibilities, Ruwanpura said a Project Management Specialization was established in 1983 because industry, particularly industry in Calgary, believed that there was a real need to have a project management program at the university. He noted, “We operated as a specialization program for several years but we officially became the Centre for Project Management Excellence (CPME) in April 2011. This has allowed us to cater to the broader needs of industry. Essentially, the CPME program helps graduates to ensure the safe, timely and cost-effective delivery of a broad range of projects in a range of industries, including oil and gas, manufacturing, construction, IS/IT, pharmaceutical, telecom, engineering, exploration, design, corporate management, R&D, aerospace, automotive, entrepreneurship and new product development.”

To date, the CPME graduate program offers students a choice of Master of Engineering, Master of Science, Doctor of Philosophy, Master of Project Management, Advanced Diploma in Project Management or Master of Business Administration. Additionally, the CPME has launched a new project management training program called Project Management Certification (PMC). Ruwanpura explained that, “Both the graduate program and the PMC courses have been developed and taught in close cooperation with industry, and are offered to practicing engineers, project managers, and key management support personnel in those areas recognized by industry as essential for the effective execution of capital projects”

Ruwanpura stressed that, “One of the great successes of our research program is our strong industry program liaison. We have applied a new Value-Driven Research Model themed ‘Research with Industry’ for these programs.” An example of these types of research programs that foster closer ties with industry can be found in the recent funding that was secured from the Natural Sciences and Engineering Research Council of Canada (NSERC) to continue CPME’s Construction Productivity Improvement research project with the Calgary Construction Association, its partner companies and other companies. The research project involves over $1.5 million since 2004, collaborating with government and contractors and the Calgary Construction Association. Additionally, the CPME has established a new research program for benchmarking oil and gas projects in Alberta with the Construction Industry Institute (CII), Construction Owners Association of Alberta, and its member companies.

To date, there have been two international programs offered by CPME. A M.Eng. Program in Project Management was successfully offered to the employees of the National Iranian Oil Company. Fereshteh Khoramshahi was a student of this program before she became a Ph.D. student. Several other AACE scholarship winners: Reza Dehghan, Mahsa Taghi Zadeh, Kamran Hazini, and Moham-
Dr. Ruwanpura Appointed
Vice-Provost (International) at University of Calgary

Dr. Janaka Ruwanpura was appointed as Vice-Provost (International), at the University of Calgary, effective Feb. 1, 2013.

Ruwanpura comes to the Office of the Provost from the Schulich School of Engineering, where he is currently a full professor in the Department of Civil Engineering. He also holds an appointment as a Canada Research Chair Tier II in Project Management Systems, which he has held since 2007. Ruwanpura is the founding Director of the Centre for Project Management Excellence and has been the Director of Project Management Specialization in the Schulich School of Engineering since 2005. His involvement in international activities is comprehensive, including teaching, training, research, administration and service activities. As the recipient of the University of Calgary’s International Achievement Award in 2006, Ruwanpura’s passion for international activities makes him the ideal candidate to lead the realization of the university’s international strategy.

A Vice-Provost (International) has been hired to ensure the commitment made in our Eyes High strategic vision document and the Academic and Strategic Research Plans to focus on internationalization of the university’s activities. Ruwanpura will oversee and lead the implementation of the university’s new International Strategic Plan, which was approved in December, 2012. By aligning the university’s international activities with our Academic and Strategic Research Plans, the vice-provost will advance the institution’s efforts in international research, academic programming, staff and student mobility, programmatic partnerships, service and development.

Ruwanpura holds a BSc (honors) from the University of Moratuwa in Sri Lanka, a MSc from Arizona State University, and a PhD from the University of Alberta, and has extensive peer-reviewed publications and scholarly presentations to his credit. As the Director of Project Management, he has brought several new initiatives to the program to boost teaching, training, research, internationalization and professional services including developing a two-tier “Project Management Certification (PMC)” program for industry professionals. He has been recognized with national and international awards for education, research and service. He is a licensed professional engineer (P.Eng.), a professional quantity surveyor (PQS) in Canada and a Professional/Chartered Member of UK’s Royal Institution of Chartered Surveyors (MRICS). He has led negotiations and successfully implemented two teaching contracts that offered the University of Calgary’s MEng degree program in project management to students working for the National Iranian Oil Company in Tehran; negotiated a new contract to offer an advanced diploma program in project management and a MEng in project management in Mumbai, India; and serves as the convener and co-leader for the International Institute for Infrastructure Renewal and Reconstruction, a multi-university consortium of over 20 universities around the world, which has collaborative research in disaster planning and management.

Dru Marshall, Provost and Vice-President (Academic), said, “I would like to thank the members of the Advisory Selection Committee for their dedication to the search selection process for this position. They were: Ed McCauley [Vice-President (Research)], Benedikt Hallgrimsson (Deputy Provost), Guy Gendron (Dean, Schulich School of Engineering), John Brown [Associate Dean (Research & International), Faculty of Environmental Design], Jennifer Hatfield [Associate Dean (Global Health & International Partnerships), Faculty of Medicine], Yassin Boga [Associate Director (International), Continuing Education], Scott Robinson [Associate Registrar (Admissions and Recruitment), Enrolment Services], Joey Windsor [Vice-President (Academic), Graduate Students’ Association], Hardave Birk (President, Students’ Union) and Lorne Jaques (TUCFA Representative).”

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Eileen Doonan grew up in a small town in northern British Columbia. She was the youngest of seven children—all adopted—and her parents had a working farm. From a young age, they taught her that nothing comes easy, and she would have to work for everything she wants out of life. Eileen’s father was an engineer for Schlumberger for 30 years, and her mother was a stay at home mom for many years—until the age of 55, when she went back to school and got a nursing degree, which was very inspirational to Eileen. When Eileen was in seventh grade, her father suffered a stroke. She and her older siblings had to run farm for a year, while their parents were in Vancouver for rehabilitation. This became an invaluable lesson in work ethic, trusting in others, and making hard decisions.

Eileen obtained a business administration (with focus on finance) degree from Northern Lights College. Her first assignment was with a local industrial plumbing/heating company, where she learned how to cost out a project, put bids together, schedule the work and the resources. Her next job was for a local construction company that was awarded the rebuild of 500km of the Alaska Highway. This was such an interesting role for Eileen, as she got to work in project controls (estimating), payroll, HR, maintenance, resource planning, and contract formation and development.

Eileen then landed a job with Fluor Constructors, where she worked on several projects, including the Nova E3 Expansion, Shell Athabasca Joint Venture, and Imperial Oil Ultra Low Sulphur Diesel. At Fluor, Eileen held a variety of site-based, large scale, supervisor roles: accounting manager, cost supervisor, and administration manager. She learned that people are really the best asset on any job or project. She refers to these years at Fluor as the best learning years in her career. Eileen says, “I would strongly recommend everyone with a career development in project controls do at least one site rotation to really gain some hands on experience to enhance and validate your learning. Walking down the job, with the contractor reports and schedule in hand, validating progress, really gave me the true understanding of the power of strong project controls and how we can bring true value to any project.”

Eileen has been an AACE International mem-

Eileen says: “While the company can help you get to where you want to be, it’s really up to you to steward your career and focus on where you want to go.”
Eileen says, “Having a woman as my mentor is really important because I do believe that women bring a unique point of view to the table.”

Eileen currently works at Suncor Energy Inc., Canada’s largest integrated energy company with over 13,000 employees around the world. Her current assignment is project controls manager for Suncor’s In Situ Sustaining Projects. This role has Eileen focusing on people management, development, mentoring, and growing the team to be top performers in all areas of project controls.

Eileen points out that Suncor is very supportive of AACE and recognizes the value of extensive collection of professional resources within AACE. Demonstrating their commitment to learning, Suncor funds all project controls staff (250+) memberships to AACE International every year. Many of company’s project controls members have presented at the technical dinners, workshops for AACE International every year. The knowledge base within AACE International was used widely across the company.

Within Suncor, Eileen has a mentor with whom she meets monthly. She brings specific issues and questions, and the mentor provides Eileen with feedback, insight, and learning’s. Eileen says, “Having a woman as my mentor is really important because I do believe that women bring a unique point of view to the table. I would highly recommend to all women in the project controls field to engage a mentor.”

Eileen believes that being a woman in a male dominated environment should never deter from following one’s passion. The key is to find a company that offers the support, guidance, and opportunity to fulfill ultimate career goals. Eileen says: “While the company can help you get to where you want to be, it’s really up to you to steward your career and focus on where you want to go.”

When Eileen faces difficult tasks which seem impossible, she breaks it down to management pieces to be successful. Eileen always tries to think out of the box, and has built a large network of subject matter experts within Suncor that she can draw from. She ways tries to think out of the box, and has built a large network of subject matter experts within Suncor that she can draw from. When she decided to finish the basement in her house, she outlined the scope, put together estimates, defined budget, built the schedule with overlaid resources, and tracked the progress against the plan ... all to great success! °

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It’s the age-old question: Which came first - the chicken or the egg? It’s impossible to answer, much as the similar question: Does earning an AACE certification help make total cost management practitioners more successful or do more successful individuals just naturally seek out benchmarks of excellence such as our certifications?

According to the 2011 AACE International Salary Survey, what we have overwhelming evidence that practitioners with the same age and experience who earned an AACE International certification earn an average of $5,000 more than their counterparts without the certification. Exactly why, we don’t know. It may be that more achievement-oriented people seek out the rigorous professional path that an AACE International certification requires. It may be that mastering the body of knowledge and gaining the necessary experience to earn our certifications and pursuing the continuing education necessary to recertify provides practitioners with the competitive edge needed to succeed in today’s global marketplace.

To learn more about AACE Certifications such as the Certified Cost Consultant (CCC)/Certified Cost Engineer (CCE), Certified Estimating Professional (CEP), Certified Forensic Claims Consultant (CFCC), Earned Value Professional (EVP), Planning & Scheduling Professional (PSP), and Certified Cost Technician, go to

www.aacei.org
Joem Baldesco grew up in Lumban, province of Laguna in the Philippines, which is a town just southeast of Manila, known for its man-made lake, (Lake Caliraya), and as the Embroidery Capital of the Philippines. During his youth, he once dreamt of being an Air Force officer, like his father. It was his father who influenced him to achieve several leadership and excellence awards, not only in academics but also in the field of Military Science. However, his passion toward science and engineering weighed more and this led him to pursue his studies at Mapúa Institute of Technology in the Philippines. He completed his bachelor’s degree in civil engineering at Mapúa Institute.

Early in his career, he started working in an enviro-systems company as an office engineer. At this job, all technical documents were placed under his responsibility. Later, he was challenged to take on the position of project engineer. This paved the way for him to prove what he had learned in academics and in leadership trainings. He completed his first project on time and on budget.

Despite that accomplishment, he never stopped pursuing his goals. He was not satisfied with the outcome, and he thought he needed more experience and knowledge. This led him to join another company, which specializes in construction project management and quantity surveying. Here, he developed and enhanced his skills in management and project controls. He was then assigned as the lead quantity surveyor to a complex and luxurious international project on the island of Palawan in the Philippines.

His most recent position is cost control unit head under the project management office of Al Rashid Trading and Contracting Co., Ltd. (RTCC), one of the top companies in Saudi Arabia. He is considered one of the youngest unit heads at the company. He was involved in developing project controls. In return, he can share his knowledge as well. He made some web searches and found out that AACE International is exactly what he was looking for.
management policies for this company, and he introduced some new information systems. In turn, these changes aided in being able to provide quality and sound deliverables to clients. Through his hard work in satisfying both the owners and clients of the company, he was given a chance to collaborate and establish a company in the Philippines, the Edifice Managers and Cost Consultants, Inc. In addition to collaborating and establishing the company, at the same time he is working as the operations manager. He is responsible for establishing departmental policies, goals, objectives and procedures, and continually improving the standards of performance and quality of the company’s services.

Joem says, “I decided to be involved in project controls, despite my background in engineering design, because I firmly believe that project controls is very critical to project success. He says, “A project without proper project controls, means a project with no direction at all, and a project that will result in failure.”

Joem gives credit to his parent’s and several mentors’ for his success in his career in project controls. He says, “I always remember what my father always tells me, that is, to PLOT the things you want to do in life—(Pursue, Learn, Overcome and Triumph). He honed me to appreciate all things in life and in my career.”

Joem is passionate in serving others in his own selfless way. This stirred him to actively participate in various professional and social organizations. He is also a trainer and speaker in which his goal is not only to educate others, but also to instill in them the true meaning of service. He says, “Having globally recognized credentials or post nominals after your name is indeed an honor for your hard works in academics, but the most important thing is how you deliver and share what you have learned. Credentials are useless if you do not use them in your everyday project encounters.” For the past couple of years in his career, he was in search of an organization that would help him broaden and enhance his skills and knowledge in project controls. In return, he can share his knowledge as well. He made some web searches and found out that AACE International is exactly what he was looking for. Becoming an AACE member has been advantageous for him. AACE membership is offering him tons of educational resources and is available online. Some of his favorite online resources are the AACE Recommended Practices, virtual library, magazines, webinars, and the “AACE Presents.”

Joem is actively participating in AACE leadership opportunities. He has been appointed as the International Communications Officer of AACE International’s Young Professional Committee (YPC), and recently attended the first ever AACE International Total Cost Management Conference outside North America. He was glad to be a part of the ITCM Conference in Dubai and to have met many people involved in project controls and those he used to see only on AACE’s website or referenced in AACE resources.

Joem has some words of advice for young professionals who are new to or want to pursue a career in project controls. He says, “As the construction industry continues to grow, seek better and more efficient outputs, while still achieving sound and quality requirements of the stakeholders.” He adds, “I encourage you to feel a thirst and hunger for self-development and professional career advancement. With this, continuous learning and improvement will instill knowledge—that will hone your ability to deliver projects on time and on budget, and you will have a clear understanding of your clients’ needs, while building strong working relationships.”

Education Board Recognizes Approved Education Provider

The Engineering and Science Services at the American University in Cairo was established more than three decades ago to provide training and service to the industrial community in Egypt and the Middle East. More than 600 public and private sector companies, offices, banks and governmental agencies are now regular clients of Engineering and Science Services and the headcount of trainees has exceeded 5000.

The services offered by engineering and science services include:

- Intensive courses of 30 hours of training each in areas such as: Biomedical Sciences, Computer Applications in Engineering, Corrosion and Failure Analysis, Construction Engineering, Control and Automation, Materials and Manufacturing, Health, Safety and Environmental Control (HSE), Industrial Engineering, Mechanical Power, and Testing and Quality Control.
- Professional Programs each consisting of 6 courses, each course is one semester-long (45 hours) in areas such as: Building Protection, Repair and Maintenance, Computer Aided Engineering, Contractual and Legal Aspects in Construction Industry, Engineering Management, Environmental Engineering, Information Technology, Occupational Health, Safety and Environmental Control (OSHA), Project Management, and Welding Engineering.
- Tailor-made programs to meet the needs of a given organization.
- International Certificates and Courses in collaboration with international agencies and organizations, including: AACE International, Certified Cost Consultant/Certified Cost Engineer (CCC/CCE) and Planning and Scheduling Professional (PSP), International Medical Technologist Certification (ASCPi), American Society of Engineering Management (ASEM), The American Society for Mechanical Engineering (ASME), International Project Management Association (IPMA), National Council of Examiners for Engineering and Surveying (NCEES), Project Management International Standards (PRMG O2S), Project Management Professional (PMP).
**Can you spare a minute?**

Sixty seconds: The minute you spend waiting for the coffee to brew in the morning or to walk to the water cooler and back. And yet that minute per day represents how long it takes the average total cost management practitioner to earn the annual dues to join AACE International!*

- **One minute** to earn unlimited access to 4,500 technical papers online in our Virtual Library that can help you solve that problem that will make you a hero in your company.
- **One minute** to earn an annual subscription to the Cost Engineering journal to discover that next cutting edge idea that will advance your career.
- **One minute** to earn the use of the Visual Total Cost Management framework to provide you with the conceptual road map for TCM success.
- **One minute** to earn viewing rights to monthly technical presentations in AACE Presents.
- **One minute** to join a vibrant network of more than 7,700 other professionals in our discussion forums, section meetings and other networking opportunities.
- **One minute** to earn discounts on education, training, meetings and certification programs that will make you more valuable to your employer and clients.

Isn’t it time you made an investment in your career? Or don’t you have a minute to spare for your own future success? Don’t procrastinate: act now to join AACE International. After all, time is money.

To learn more about AACE International, go to www.aacei.org.

*Based upon annual total compensation of $70,000 and annual dues of $143.00 (US).
n 2012, AACE members and others contributed a total of $49,410.60 to the AACE International Education Funds. These donations enabled AACE to award more than $95,000 in scholarships to more than 40 deserving students who applied for AACE scholarships. This includes matching funds provided to AACE International sections for a number of the scholarships. Since the Education Funds were established, over one million dollars in scholarships have been awarded.

All contributions are grouped in dollar amount ranges, with the names of the contributors listed alphabetically under their respective fund category. Listings include: the Endowment Fund, Matching Funds, AACE Scholarship Fund, Scholarship Fund-Canada, Scholarship Fund-International, and Scholarship Fund-US. Collectively, these funds make up what is referred to as the AACE International education funds. Please note that some contributors have requested to not be published.

A section of the dues invoice that AACE members receive has information on contributing to the Education Funds, but contributions can also be made throughout the year. Scholarship information is available online at the AACE website by clicking: www.aacei.org/awards/scholarships/

ENDOWMENT FUND

$75.00 and Less
Michael Steven Franklin, CCE

$50.00 and Less
Jeffery J. Borowicz, CCC CEP PSP
Peter W. Griesmyer
Rob Hartley
Ora Thomas Maddix

$25.00 and Less
Aaron A. Chadee
David Cowan, CCC
Margot Jane Diehl
W. John Irwin, PE CFCC
Ebere Sam Nwansi, CCE
Michael Omane-Achamfuor, CCE
Neil D. Opfer, CCE CEP PSP

AACE MATCHING FUNDS

$3,500.00
Chinook-Calgary Section

$2,000.00
Chicago-Midwest Section
East Tennessee Section

$1,500.00
National Capital Section
Rocky Mountain Section
$1,000.00
Seattle Section
South Western Ohio Section
Upcountry South Carolina

$750.00
North Florida Section

$700.00
New Jersey Section

$500.00
Connecticut-Nutmeg Section
Nevada Section

AACE SCHOLARSHIP FUND

$1,000.00 or More
Adrienne N. Peltz
Jose I. Sarasua, CCE
John Schaufelberger, PE

$500.00 or More
Cole-Morgan Nigel
Connecticut Nutmeg Section

$200.00 and Less
Adrienne D. Gallo
US Cost

$100.00 More or Less
Joseph L. Bonaparte
Robert W. Brown
Allen C. Hamilton, CCE
Jon M. Hollman, CCC CEP
Joseph Henry Knick, EVP
Tibor Magyarosi
Franklin Milton Morrison
Richard J. Sieracki
David A. Williams, CEP

$50.00 and Less
Michael Charles Barsam
Jeffery J. Borowicz, CCC CEP PSP
Peter W. Griesmyer
Douglas O. Hoffman
Dr. Kenneth K. Humphreys, PE CCE
Kojo O. Kumi
Tatiana Levina
Joseph J. Orczyk, CCE

$25.00 and Less
Jennifer G. Frank, PE
Rob Hartley
W. John Irwin, PE CFCC
Neil D. Opfer, CCE CEP PSP
Jeffrey H. Skinner, PSP
Paul Alan Stapley

$10.00 and Less
David Cowan, CCC
Margot Jane Diehl
Michael B. Dunne, CCE
Kalum Sudeshana Malawaraarachchi, CCC
Yoshimi Saito
Rolle O. Studerus, CCC

SCHOLARSHIP FUND—Canada

$5,000.00
Chinook-Calgary Section

$1,700.00
Ann Marie Cox, EVP

$1,000.00
Aurora-Edmonton Section

$500.00
Kathleen Downes

$250.00
Harold Gregory Dorbin, CFCC

$110.00
Charles Weghorst

$100.00 and Less
Erik Trutner

$50.00 and Less
Pelley Frazer
Stephen Warhoe, CCE CFCC

$10.00 and Less
Osaghae Godwin
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<td>John J. Ciccarelli, PE CCE PSP Jessica Emrick, PSP Christine Gerdes Charles Golde Thomas Kondziolka Paul Alan Levin, PSP Barbara Lyons Eric Robert Mortenson III, PE CCE</td>
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Maria Petrov, PE Douglas Smith

$10.00 and Less
Donn Toensfeldt Iris Gladys Cotto Najeebullah Habibullah Michelle O’Donnell Vicki Shaw Sudirman Rasmin Nurhadi, CCE

Thank you for your contributions!

How to Donate To AACE Education Funds

All donations to the AACE Education Funds are handled through our web portal. So please read through the following and select the right option for yourself.

Please click the following link: [https://netforum.avectra.com/eWeb/DynamicPage.aspx?Site=AACE&WebCode=SelectDonation](https://netforum.avectra.com/eWeb/DynamicPage.aspx?Site=AACE&WebCode=SelectDonation), and you will be taken directly to the donations page. If you are not already logged in, the system will prompt you to login before making your donation.

If you have not attended an AACE International Annual Meeting before, or ordered any products or services from AACE, you will need to create a new user account.


Contrary to rumor, there is no certified League of TCM Heroes. Individuals who have earned certifications such as the Certified Cost Consultant (CCC)/Certified Cost Engineer (CCE), Certified Estimating Professional (CEP), Certified Forensic Claims Consultant (CFCC), Earned Value Professional (EVP), Planning & Scheduling Professional (PSP) and Certified Cost Technician (CCT) are:

- Not able to leap tall buildings in a single bound
- Not faster than a speeding bullet
- Not more powerful than a locomotive
- Not in possession of x-ray vision

But the AACE International Salary Survey did show that certificate holders earn an average of $5,000 per year more than non-certification holders with the same age and experience!

If you want to be in the same salary “league” then visit www.aacei.org for more information!
On Election Day 2012, Orbital Sciences welcomed Niyi Ladipo, President of AACE’s National Capital Section, as a guest speaker. Ms. Ladipo was invited to the Women’s EVP Exam Study Group to provide encouragement, share her experiences and to discuss the wealth of resources that AACE’s offers to its members. The study group began in September 2012 and is comprised of seven members from the Finance function, and two members from the Planning/Scheduling function. Both functions are a part of Orbital’s Advanced Programs Group within the Business Operations department.

The group participates in bi-weekly meetings to review exam topics and any homework questions, as well as discuss information from recommended reading lists and study guides. As a part of their study routine, the group uses AACE’s Earned Value Professional Certification Study Guide to review basic EV concepts and Ray Stratton’s “Earned Value Professional (EVP) Exam Study Guide” to drill themselves on potential exam questions. The study group is looking forward to the new exam format and enhancements offered in AACE’s newly released computer-based test (CBT).

Participating in an Orbital Sciences study group on earned value were: shown above from left to right: Rachelle Miles, Study Group Chair, Principle Program Financial Analyst, Orbital Sciences; Heather Timer, Principle Program Scheduler, Orbital Sciences; Myeesha Chase, Principle Program Financial Analyst, Orbital Sciences; Niyi Ladipo, CCM, CCE, EVP, National Capital Section President, Project Manager, MBP; Stephanie Sourdillat, Program Financial Analyst, Orbital Sciences; and Meryl Manner, Manager, Finance, Orbital Sciences. In front is: Lisa Kelly, EVP, Manager, Finance, Orbital Sciences and Kevin Fisher, Sr. Director, Finance, Orbital Sciences.
In preparation for the exam, the Business Operations Department had the opportunity in March 2012 to participate in a 2-day on-site EVPprep™ Exam Preparation Workshop from Management Technologies, presented by Ray Stratton, EVP. Orbital demonstrated the company’s commitment to professional development and industry certification recognition by sponsoring the event and staff participation. To date, five members are preparing to take the exam in early 2013. Orbital expresses gratitude for Ms. Ladipo’s support in advancing our profession. With their company’s support, the study group is highly motivated and eager to reach this new milestone and mark of distinction in their careers.

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**AACE Annual Meeting Attendees Will See The Washington Monument Surrounded By Scaffolding**

As attendees arrive in Washington, DC, for the June 30 to July 3 AACE Annual Meeting, they will have opportunity to see one of the iconic DC landmarks, the Washington Monument, surrounded by more than 550 feet of scaffolding.

The National Park Service has released helmet-cam video from atop the monument of the final preparations for repair work. Visit: [http://www.nps.gov/wamo/parknews/newsreleases.htm](http://www.nps.gov/wamo/parknews/newsreleases.htm), to view the video.

The monument, the world’s largest freestanding stone structure, has been closed for repairs since a 5.8 magnitude earthquake rattled the region Aug. 23, 2011. With placement of the scaffolding, repair work is ready to get under way. The project is expected to last 12 to 18 months, according to the NPS. The total cost of the repairs could reach $15 million.

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**New AchieveLinks Program Delivers Rewards for AACE International members!**

AACE International is proud to announce that the AchieveLinks® rewards program is now available to all our members. AchieveLinks is the unique rewards program created exclusively for associations.

Just by making the same purchases you already make for your business and personal life, you’ll earn valuable LinksSM reward points that can be redeemed for exciting rewards, including family vacations, great merchandise, and once in a lifetime experiences.

According to Dennis Stork, AACE International Executive Director, “AchieveLinks maximizes the value our members get from their membership while increasing their engagement with AACE International. AchieveLinks rewards our members for purchases they make every day whether for personal or professional reasons. The AchieveLinks reward points can really add up—and be redeemed for an impressive array of rewards. With hundreds of merchants to chose from, the options literally range from A-Z with members being able to buy from companies as wide ranging as Adidas to Zales. Not only do our members benefit with rewards points, but the Association will earn non-dues income to help diversify income sources for future benefits.”

To learn more about this unique membership benefit provided at no cost to our members, or see a list of earning opportunities and reward options, visit [www.achievelinks.com](http://www.achievelinks.com).

Better yet, activate now before the holiday season and start earning Links today!
A WORLD OF BRIGHT IDEAS
AT YOUR FINGERTIPS

Each year, the best total cost management practitioners in the world gather to share their expertise and insight at our Annual Meeting.

Now you can bring these thought leaders and innovative thinkers right to your desktop, smart phone or similar device thanks to the AACE International Online Learning Center.

The AACE International Online Learning Center allows you to download and watch the same Annual Meeting technical presentations recorded live and synchronized to the graphics that accompanied them as well as to links to the actual technical paper. The Online Learning Center offers a great resource for your personal professional development or for team training as a group.

As a bonus benefit, individuals purchasing downloads earn recertification credit toward their AACE International certifications.

To review more than 70 presentations featured in the current Online Learning Center, go to www.aacei.org
COMP is a comprehensive package of benefits designed to encourage companies to develop the skills of their total cost management employees through AACE membership.

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www.vniiaes.ru

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B&W Technical Services Y-12 LLC
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Want your company to be a member of COMP?
Contact Garth Leech, Business Development Coordinator at gleech@aacei.org or 304-296-8444 or go online to www.aacei.org/mbr/csp/
The National Capital Section (NCS) is one of the largest and most diverse sections of our organization. In addition to spanning a large geographical region covering Maryland, Virginia, and Washington, DC, our members represent the private and public sectors, small start-up businesses, large businesses, worldwide corporations, and government agencies. As diverse our interests and as scattered geographically as we are, we have found that our members have two things in common: our commitment to the future generation of cost engineers and our desire to forge relationships with cost engineers worldwide.

Although most sections award scholarships to local students pursuing cost engineering, we have forged ongoing relationships with our scholarship award winners. Two-time scholarship winner Brenda Tedrick is a student at Catholic University of America, and through our relationship with her, CUA sponsored one of our monthly meetings where she presented her work on the National Steel Bridge Competition. Another scholarship winner, Ginny Owen from Virginia Tech, helped us organize a student outreach event at her school.

NCS officers Niyi Ladipo, Dennis Allen, Dan Melamed, CCC EVP and Charlie Bolyard, CFCC PSP have spoken at the University of Maryland College Park, Catholic University, and Virginia Tech. We have found that the key to reaching the students is to maintain a relationship with a faculty member. As an example, our faculty contact at Catholic University has put us in touch with future cost engineers who have presented at our monthly meetings, as well as participated in our scholarship competitions.

We have also served as mentors to local students. In 2011, NCS members Benson Kwong, CCE and Ray Hayleck mentored the University of Maryland engineering cost estimating team in the US Department of Energy Solar Decathlon, a competition between university engineering teams from around the country and the world. The Decathlon focuses on designing, building, and operating solar-powered houses that are cost-effective, energy-efficient, and attractive. The mentors helped the team with their entry, the WaterShed House, which beat out 18 other teams from around the world and won the competition.

The NCS is also keenly aware that we are an international society. Since we are based in Washington, DC, we are fortunate to have many opportunities to connect with our colleagues around the world. As an example, in collaboration with the DC Society of Professional Engineers and Tau Beta Pi (Engineers Honor Society), we hold joint meetings each year at an embassy. These embassy events provide us the opportunity to socialize with cost engineers from all over the world, sample international cuisine, and learn about technological issues around the world. So far, the NCS members have been fortunate to visit the embassies of Germany, Romania, Switzerland, and Lithuania.

Through modern technology, we were also able to have our first international meeting, where speakers from AECOM’s offices in Edinburgh, Scotland, gave a live presentation about their work on construction of the Roseisle Distillery in Scotland. In addition to providing a very interesting presentation about Building Information Management, it was exciting to participate in a virtual meeting with colleagues from the other side of the world, while sitting in an office in Washington, DC.

Although we have worked to enhance our connections around the world, we also maintain a great

Dan Melamed, CCC EVP
US Department of Energy
relationship with our nearest neighboring section to the north, the Baltimore Metro Section. When the section was dormant, we started offering social events in Columbia, MD (halfway between Washington, DC and Baltimore, MD) to reach out to those members who did not have group of their own. Since then, the Baltimore Metro Section has re-activated and we look forward to seeing them each year for a joint meeting when we continue our tradition of “meeting in the middle.”

We have found that our common goals, reaching out to the future generation of cost engineers as well as to cost engineers around the world, help unite the NCS. We have been successful in reaching out to future cost engineers through the scholarship awards, student outreach, and mentoring. We also take pride in our ability to maintain relationships with cost engineers throughout our geographical region, our neighboring regions, and internationally. 

Submitted photo

The University of Maryland’s Innovative Watershed House

Submitted photo

Attending the January National Capital Section meeting were, shown above from left to right, Bruce Lyall (Communications Chair), Desmond Bollers, Hagop Avedissian, John Simpson, Anthony Chandler, Jill Hubbard (Secretary), Niyi Ladipo (President), Rasha El Deeb, Daniel Stewart, Calvin Speight Jr. (Vice-President), Steven Judd (Treasurer), Augustus Tweneboa-Kodu, and Bryan Skokan. Our Region 2 Director, Cristina Baltazar also attended and took this photograph.
Arizona Section

The Arizona Section met at 11:30 a.m. on March 21, at Kitchell’s offices in Phoenix. Representatives from Hard Dollar Corporation presented, “Reporting and Analytics for Big Data.” Speakers Ryan Craaybeek, solutions engineer, and Tim Moore, senior product manager, detailed Hard Dollar’s experience in software development for the engineering and construction industries. Focusing on “Project Intelligence for Big Data,” the speakers demonstrated the efficiency of the LassoPI software, which they said allows analysts to spend their time analyzing data instead of creating/producing reports, and they believe it gives the decision-makers timely and accurate information with which to move forward. Craaybeek and Moore said the software is able to integrate a company’s scheduling software and cost management software to automatically produce visually graphic reports for different users/levels of use, and track and report changes over time. Visit lassopi.com for more information.

Arizona Section Members and guests in attendance were: David Benton, Sean Ryan, Daisy Culanag, Charlene Mendoza, CCT, Manthou Tsiouris, Marina Sominsky, Hannah Schumacher, PSP, Daisy Culanag, Sunitha Jain, and Max Shoura, PSP.

The Arizona Section’s February board meeting was on Thursday, February 21, at Hill International’s offices. Arizona Section Officers in attendance included: President Marina Sominsky, Director of Membership Daisy Culanag, Director of Programming Sunitha Jain, Publishing and Marketing Chair Charlene Mendoza, CCT, and Directors-At-Large, Hannah Schumacher, PSP, and Max Shoura, PSP.

The board welcomed Director-at-Large Max Shoura, PSP, back to the states, and hope he will give a presentation on his experience abroad in a future section meeting. The board discussed the SOS charity event in March with “Dress for Success,” the potential for future joint meetings, and reviewed the section’s status and point accumulation for the Section Excellence Award. Board members also gave updates on the status of their roles/responsibilities, and discussed redefining the Director of Certification position resulting

Hard Dollar Representatives, shown above from left to right, Shannon Corgan, Ryan Craaybeek, Sean Ryan, and Tim Moore, were the speakers/presenters at the March Arizona Section meeting.

Arizona Section Members and guests in attendance were, from left to right, Section board members Max Shoura, PSP, Marina Sominsky, Hannah Schumacher, PSP, Daisy Culanag, Sunitha Jain, and Charlene Mendoza, CCT.
from the successful onset of computer-based testing. Max Shoura proposed to look into the laws that regulate the practice of cost engineers in California, with the goal of promoting similar laws in Arizona.

**Atlanta Area Section**

www.aaceiatlanta.com

For the March Atlanta Area Section meeting, member Ron Cagle, CCC, presented, “Change-Driven Cost Variances: Where Did the Variances Come From?” reflecting his experiences with projects designed and constructed for a variety of owners over his career. In Ron’s presentation, he discussed not only the technical cost engineering causes, but also shed light on the human behavior reasons for cost variances.

In a case study in which a project entailed profit-driven process improvements at a major manufacturing plant, Ron’s presentation discussed not just what the variances are, but where they came from. The project was chosen for the study because of the variety of variances experienced.

Prior to the section meeting, the section Board of Directors conducted a meeting. Several officers/directors reported on various activities within their responsibilities. Section Secretary, Chris Schamel, CCC, was in attendance after suffering from a household accident over the holidays. Chris has not yet been released for work but was able to attend the Board and section meetings. Section Treasurer, Dave Cowan, CCC, reported that the section continues to be in fine financial shape, although proceeds from dues during 2012 were down substantially. There appears to have been a significant reduction in number of section members during 2012 and Membership Director, Rendy Tendean, CCC, expressed his concern that this may in part be because some section members are listed as members of other sections. (an HQ note: Members can now only be a member of one section). Rendy will follow up with headquarters staff. Section Communication Director Bill Kraus, PE CCE, reviewed the official membership rolls and found 197 members listed, although many are listed as “unpaid” regarding 2013 dues.

Further to Dave’s financial report, the Board later in the meeting voted to renew the Smith Barney certificate of deposit which would have expired on May 21, 2013.

Certification Director, Larry Belvin, CCC, reported that there are still no takers on the offer for CCC/CCE certification workshops. The Seminar-in-a-Box, purchased by the section, for use in these work-
shops has, as of yet, not been tried.

Past President Albert Kwong, CCE, reported that he has a full slate of candidates for section officers and directors for the 2013 – 2014 section year, although he has been unsuccessful in identifying more than one candidate for each position. It was determined that Vice President Don Green, CCC, and President Mike Pritchett, CCE, will comprise the teller committee and that polls will close on May 17 in time for the results to be tallied for the May section meeting and Albert incorporated these changes in the draft ballot and sent it to Bill Kraus. The ballot was an attachment to the April section newsletter.

Vice President, Don Green, CCC, reported that the April presentation will be by section member Mark Cundiff, PSP, and that Georgia Power will make a presentation at the May meeting updating status of the Vogtle nuclear plant now under construction, thus, the program is set for the remainder of the 2012 – 2013 section year.

The Atlanta Area Section conducted its regular January meeting on Tuesday, Jan. 15. The presentation was, “Retrofit Roof Systems,” presented by Matt Williams and Russ Spence, of MBCI, and Mark Myers, of Star Building Systems. The topic was intended to give section members and guests a better understanding of how metal roof systems can solve a multitude of problems on new and existing structures. Although the presentation focused on the specifics of the systems, it also helped us understand when retrofitting with metal systems can save time and money while helping to solve existing problems.

Several section board members offered reports to the membership. Certification Director, Larry Belvin, CCC, reported that he still has had no one show interest in certification workshops offered by the section. A short discussion involved the reasons why a previously-popular workshop suddenly has no-takers and it was theorized that one reason is that with the current market condition, firms have few new employees and, even though the firms and member employees “talk up” AACE involvement, there are few to take advantage of the opportunity. It was also suggested that with the transition to computer-based testing, candidates are “letting the dust settle” in a new program before undertaking the exam. Also a possible factor is that with the flexibility in scheduling to sit for an exam with computer-based testing, the concept of a group of candidates working toward a firm date as a target is gone.

Communication Director, Bill Kraus, PE CCE, reported that the section website is moving to another host. US Cost has subsidized the hosting of our website for several years and the section offers its thanks, but US Cost has asked the section to take over responsibility. The section undertook to move the site to a hosting service offering more economies.

Scholarship Director, Mark Cundiff, PSP, reported that no applications have been received for the current scholarship period and explained the details of the scholarships offered by AACE International and the Atlanta Area Section. Past President Albert Kwong, CCE, reported that he is seeking “new blood” for section elections to occur this spring and solicited expressions of interest in serving from new and previous officers/directors. Regional Director, Bruce Dixon, CCC, also reminded members who have authored Annual Meeting papers or other presentations to let him know so they can be included in this year’s section awards application.

**Brazil Section**

www.brasil-aacei.org

The Brazil Section’s 2nd Colloquium was conducted on March 19, in Sao Paulo. After a detailed presentation of AACE by Aldo Mattos (President) to an audience of 40 professionals, Jorge Rossini (Ares Corporation) presented a lecture on, “The 7 Habits of an Efficient Project,” which was followed by a debate. In attendance were engineers, architects, lawyers, economists and accountants, spanning several fields such as construction, oil & gas, industry and government. The event attracted professionals from different public and private companies among which Petrobras, Caixa Economica Federal, Vale, Odebrecht, Deloitte, KPMG, Umicore, Oxiteno, UTC and Promon.

**Chicago-Midwest Section**

www.chicago.aacei.org

The Chicago-Midwest Section Annual Seminar was May 13. The theme this year was, “Risk Management Strategies for Construction.” The seminar was at the Illinois Institute of Technology’s Campus in Wheaton, IL with 7 hours of CEU credits granted to attendees. For full program information, see the Chicago-Midwest Section website.
Las Vegas Section

The Las Vegas Section of AACE International has a new e-mail address. The section will no longer be using the old nevada@aacei.org e-mail address. All future communications will come from nevada.aace@gmail.com and any messages you wish to send to the section should now be directed to this new address. You may need to adjust your spam filters/email settings in order to ensure that you are receiving important news and updates from the Nevada Section going forward.

An EVP Certification Course was offered by the Las Vegas Section with classes conducted over four Saturdays in April at the UNLV Thomas Beam Engineering Building. The classes were from 8 a.m. to 12:30 p.m. on Saturday, April 27, May 4, May 11, and May 18.

Seattle Section

www.aaceseattle.org

The AACE Seattle Section conducted a very successful March meeting with a discussion lead by Eric Morrison, CCC EVP, about “Integrating Project Controls into the Systems Engineering Process.” The Electronic Industries Alliance, in conjunction with the International Council on Systems Engineering, published the Process for Systems Engineering, Standard (ANSI/EIA-632), as guidance to developing cost-effective solutions based on an established and evolved set of requirements. This process enables engineers and contractors to satisfy the customer’s needs through the system lifecycle, and ultimately deliver the system within the customer’s cost, schedule, and risk constraints.

The Department of Defense adopted this standard in August of 2002, and it is now a requirement on most major system acquisitions. The systems engineering process is developmental and iterative in nature, which leads to a host of unique and complex challenges for the project controls team. These challenges range from requirements administration and planning the design development effort, to periodic cost estimating and risk management integration. Used correctly, the project controls team can greatly influence and increase the probability of a successful program. This presentation addressed the necessary project controls inputs for several of the EIA-632 requirements, and provided a reference framework for engineers and project controls teams operating under this requirement.

Eric Morrison is a consultant working on a five-year environmental remediation project for Rio Tinto in Salt Lake City, Utah. Eric is a CCC EVP, and has served on the AACE Seattle Section Board of Directors for the past four years. Recently, Eric worked for Vigor Industrial as a deputy program manager on various state and federal ship programs, and he has also worked in a project controls capacity on several light rail projects for Parsons Transportation Group and KJM & Associates.

The Seattle Section met April 11. Linneth Riley-Hall, CPPO, presented a program on, “Alternative Procurement Contracting Methods.”

The AACE Seattle Section’s first meeting of 2013 was on Jan. 10, with a presentation by John Potter, PSP, entitled, “An Introduction to AACE International’s Recommended Practices.” AACE International’s Recommended Practices (RPs) are a series of documents that contain valuable reference information that have been subjected to a rigorous review process and been recommended for use by the AACE International Technical Board. The RPs are intended to be the main technical foundation of AACE’s education and certification products and services. They are available on AACE International’s website, and are free of charge to members and non-members (with limitations). AACE’s RPs are frequently quoted and referred to in all facets of industry. This presentation provided an overview of the existing RPs, as well as the process of creating, reviewing, and finalizing RPs.

John Potter is an independent construction consultant providing construction management expertise on a contract basis. He has over 30 years of experience in all aspects of the construction industry, including a wide range of experience in project controls as well as bidding, financing, and contracting projects with a focus on scheduling and schedule analysis. Mr. Potter is an experienced project controls manager, construction manager, scheduler, and claims analyst who has worked on projects for owners, contractors, and attorneys. He has over 20 years of experience preparing, implementing, and analyzing Primavera P3 and P6, Suretrak, and MS Project schedules.

The Seattle Section’s Feb. 7 meeting presentation was provided by Steve Burke, PE, who spoke about, “Green Stormwater Infrastructure.” Ongoing land development, including increased density, taxes the capacity of existing public infrastructure and impacts our surrounding environment. As more impervious surface is constructed, greater amounts of stormwater are collected and conveyed to our rivers, streams, lakes, and oceans. Green Stormwater Infrastructure (GSI) is a stormwater and land use management strategy that strives to mimic the natural, pre-disturbance hydrologic processes of infiltration, filtration, storage, evaporation, and transpiration. GSI mimics those processes by emphasizing conservation, use of on-site natural features, rainwater harvesting, rainwater re-use, and distributed stormwater management practices. GSI approaches reduce the amount of stormwater runoff leaving a drainage basin, both in volume and velocity, removes pollutants from stormwater runoff, and provides habitat. Mr. Burke discussed GSI approaches, benefits, code compliance, design, construction, and maintenance.

Steve Burke, PE, is a professional engineer, registered in the State of Washington, with over 18 years of experience. He is currently employed by SvR Design Company. Before coming to SvR, Steve worked as a project engineer for NAVFAC Northwest in Silverdale, WA, performing construction management. At SvR, Steve performs project management and civil design as well as construction management. Steve’s current focus is project management for King County’s Barton Combined Sewer Overflow (CSO) project, which is under design. The project applies green stormwater infrastructure to remove stormwater runoff from the combined sewer, thereby reducing CSO events. Other projects Steve has worked on that applied green stormwater infrastructure include Seattle Housing Authority’s High Point and Rainier Vista redevelopments, the Port of Bremerton’s Kitsap SEED project, and the City of Bainbridge Island’s Winslow Way Street Repair. Steve has a wealth of experience with permitting, low impact development, sustainable design, transportation, and utility design for a variety of private and public sector clients. His experience on highly complex projects has given him a strong sense on how to balance design vision with constructed reality.

St. Louis Section

The St. Louis Section met at the MODOT (Missouri Department of Transportation) Transportation Center Office on March
12, for an exciting presentation of the Missouri River Blanchette Bridge Renovation Project. The $65M major renovation project includes approximately 4,000 feet of bridge work on the westbound bridge that connects St. Charles and St. Louis Counties. This rehabilitation of the west bound bridge includes a new 3 span truss, substructure and superstructure repair and replacements.

The project schedule is on track to complete in April 2014. The project budget included $62.7M for the bridge renovation plus $2M for mitigation projects to improve traffic interchanges. There is a 10% DBE and minority workforce goal on the project.

The bridge was originally built in 1958. Replacement of the bridge was estimated at $125M for a 100 year bridge life span. The $65M renovation is expected to add 75 more years of bridge life span. It was determined by the design firm, Jacobs Engineering, that replacing major structure elements of the bridge was more cost effective then restoring major structure elements.

MODOT awarded the prime contract to Walsh Construction in November 2011. The construction contract includes liquidated damages of $40,000 per day if the project does not complete on time and a reward of $40,000 per day (capped at $2M) if the project finishes early.

The construction phasing includes a 12 month closure of the West Bound Bridge. Traffic is being re-routed to the East Bound Bridge during the 12 month closure of the West Bound Bridge. For more information about the project visit the project website at: http://www.modot.org/stlouis/major_projects/Blanchette-BridgeRenovations.htm

Tom Evers was speaker from MODOT who gave the presentation. Tom Evers is a graduate of the University of Missouri – Rolla with a Bachelor’s degree in Civil Engineering December 1998. He began his career at MODOT immediately after graduation. He became a Professional Engineer in the State of Missouri in 2007. Tom Evers was a Construction Resident Engineer for MODOT from 2004 to 2008 in North St. Louis County and then a Transportation Project Manager for MODOT in the St. Louis Area from 2008 to 2011. Tom Evers provided oversight of West Bound Blanchette Bridge rehabilitation project through Design and then became an Area Engineer for MODOT in St. Charles County in August 2011.

**Southern California Section**

[www.aace-scs.com](http://www.aace-scs.com)

The April dinner meeting of the Southern California Section was on Thursday, April 25. The presentation was titled, *Overview of California High Speed Rail Program*. The presenter was: Bill McMillan, CCC PSP, of Hatch Mott MacDonald.

The California High Speed Rail (CHSR) program is considered essential to meeting the needs of 21st Century California transportation and is based on the ability to provide an environmentally friendly, economically feasible, affordable, convenient alternative mass transportation system to over 80% of Californians by 2035. The original CHSR plan consisted of two phases with eight regional sections totaling 800 miles of High Speed Rail, and providing inter-city, inter-regional travel throughout the major population areas of the State of California for a $40 billion budget (2006 dollars).

Mr. McMillan is a graduate of East Texas State University with a Bachelor of Science in Industry and Technology and has 24 years of project controls and project management experience specializing in Construction. Mr. McMillan has worked on a multitude of projects including petroleum refinery and process upgrades, chemical plant upgrades, power generation and emission control upgrades, subway transportation systems, high speed rail design and port rail enhancements among others. Mr. McMillan is certified as a Planning and Scheduling Professional (PSP) and Certified Cost Consultant (CCC) through AACE International.

At the annual NAWIC/Southern California Section joint dinner meeting on March 19, Karen Shanbrom gave an excellent presentation on, “Handling Conflict and Resolving Disputes” or perhaps more importantly hands-on methods to avoid project conflicts and disputes. As principal of Shanbrom Mediation and Dispute Resolution with an attorney background Karen spoke from experience. There were 20 who attended the meeting.
Daniel J. Belcher 1927-2012

Belstar’s Founder, Senior Vice President and Board Director, Daniel Joseph Belcher, Sr., died Sunday, Dec. 30, 2012, in Martinsville, Virginia.

He was born Nov. 1, 1927, in Plymouth, North Carolina, to the late William Joseph Belcher and Ruth McNair Belcher. To this union were born five daughters; Odessa Belcher, Eunice Belcher, Joyce Matthews, Dorothy Belcher (deceased), Evelyn Neptune (deceased), Para Pender (deceased) and three sons; Daniel Joseph Belcher, Sr., Nathaniel Belcher (deceased), and Robert Belcher (deceased). His first marriage was to Emma F. Belcher (deceased). To this union were born six children; Daniel Joseph Belcher, Jr., Osmond Foskey Belcher, Keith Eric Belcher, Roderick Dimitri Belcher, Nathaniel Quincy Belcher, Emma Ellen Belcher and five grandchildren. He had a second marriage to Ferretta C. Belcher which brought into the marriage two step-children, John Henry Crummie, Jr., Arnold Vinci Crummie (deceased), and Valerie Crummie Johnson, and three step-grandchildren.

Daniel Joseph Belcher, Sr., was also known as Joe or Dan by friends and family. Early in life, Dan showed ability to work with electricity. As a young man, he wired many of the homes in his hometown. Wanting to better himself, Dan entered the United States Army as a specialist. After completing his tour he used the veteran’s benefits to go to college and graduated with a Bachelor of Science degree in electrical engineering from North Carolina A&T. Next, he entered into the federal government at Frankford Arsenal base in Philadelphia, Pennsylvania, for four years.

Next, Dan worked in the private sector at Westinghouse as an engineer, followed by a challenging “turnkey” project with Corning Glass. Continuing with his career path growth, Dan acquired skills and abilities to work in the nuclear industry. He continued to work in the nuclear industry for many years before starting his own construction company with his second-oldest son, Ozzie. They started out as general contractors under the name of “Blue Ridge Construction” in 1985 and in 1995, they changed their company model to project management, now known as BELSTAR, Inc.

In addition to his professional career, Dan served on the board of Johnson Health Center and many committees. For many years Dan served and worked in many capacities at Keystone Baptist Church, including roles as Deacon, Sunday School Teacher, in “The Seniors Group” and others. Fayette Street Christian Church later became his home church after remarriage, where he participated in Sunday School and Christian Men’s Fellowship and other activities.

Political awareness was Dan’s forte! He also embraced volunteering and helping others.

After Dan’s first wife passed away, he found love again and married Ferretta Crummie. It was a bond of love, joy, travel, and appreciation for life in their later years together.

A funeral service was conducted at 11 a.m., Saturday, January 5, 2013, at Whitten Timberlake Chapel with Dr. J. Monty Fox and the Rev. Alfred Booker, Sr. officiating. Interment followed in Fort Hill Memorial Park with military honors by the Virginia Army National Guard.

In lieu of flowers, the family requests that memorial contributions be made to either:

- The Lynchburg Daily Bread, 721 Clay St., Lynchburg, VA 24504.
- Keystone Baptist Church, 212 Fleetwood Dr., Lynchburg, VA 24501.
- Fayette Street Christian Church, P. O. Box 3107, Martinsville, VA 24115. Or the,
- Johnson Health Center, 320 Federal St., Lynchburg, VA 24504.

AACE International Awards more than $91,000 in Scholarships

For the 2013-2014 academic year, AACE International is awarding $91,750 in scholarships, to students enrolled in university programs related to the cost and schedule management field. Two programs, a scholarship competition and a matching funds program, are open each year to students enrolled in colleges and universities in the US and Canada. Nationality is not limited to US and Canadian citizens, however.

Top awards of $8000 each were awarded to Andres Boral, a graduate student at Florida Gulf Coast University. Andres holds a bachelor’s degree in Civil Engineering. He is now continuing his education to obtain his MBA.

Ali Montaser, a graduate student in the School of Building, Civil, and Environmental Engineering, Concordia University in Montreal, was the top Canadian winner. He is planning to become a registered Professional Engineer in the US and teach construction management. He also plans to pursue AACE certification.

In addition, awards ranging from $2000 to $6000 were awarded to students from 15 other institutions who were successful in the annual scholarship competition. Other awards in varying amounts were made through the matching funds program.

Matching funds awards are given to students by local AACE sections by combining their donations with funds provided for that purpose by AACE International members and sponsoring corporations.

To see the complete list of winners, visit: http://www.aacei.org/awards/scholarships/recipients/2013.shtml
When Will Your Section News Submission Be Published?

The new digital Source magazine will include all “Section News” submissions. Source has a submission deadline of two months in advance of the issue date. Please review the following production schedule. It lists the submission periods for the six bi-monthly issues of Source magazine in 2013.

2013 Source Section News Submission Schedule

February
• Items submitted from Oct. 16 through Dec. 15, 2012

April
• Items submitted from Dec. 16 through Feb. 15

June
• Items submitted from Feb. 16 through April 15

August
• Items submitted April 16 through June 15

October
• Items submitted June 16 through Aug. 15

December
• Items submitted Aug. 16 through Oct. 15

How to Submit Text and Photos

Please submit any and all text as a part of the e-mail or as a Microsoft Word file attachment. Please submit any photo or photos as individual attachments in tiff or jpg formats. Do not embed photos in Microsoft Word files.

For photos to be used, we require either large original files or print size photos at 300 dpi (dots per inch). We can convert large 72 dpi submissions into the required 300 dpi. This process shrinks the size of the original submission. We cannot use photos taken on cell phones. For photos to be published, they must be in focus, of print quality, and wide enough to fill the width of the column layout.

Please include the titles and names of each person shown in any photos. Please list names from left to right or refer to those shown as being above left or right. For group photos please list names from left to right, beginning with the front row and working to the back. Do not list the Section officer first unless he or she is photographed on the left with guest speakers on the right.

All submissions should be e-mailed to editor@aacei.org. Please use the official name of the Section as approved by the AACE Board when the Section’s charter was approved. Never refer to the Section as a chapter.

Contact AACE Concerning Missing Submissions

Generally, all submissions received in the above scheduled times will be published in the listed issue. Items are not held because of space restrictions. There is no waiting list and no preference is given to one Section over another. Questions about incomplete submissions or failure to follow these submission guidelines could delay publication. Text will be published without submitted photos if the photo does not meet the listed quality requirements.

If a submission is not included in the designated issue, please e-mail or call the Managing Editor to ensure that it has not been lost or misplaced. Call or e-mail if you do not receive a confirmation e-mail within 3 business days of submission.

AACE reserves the right to edit all submissions and/or to refuse to publish any submissions determined by the Managing Editor or the Art Director to not meet the standards of the journal. Any appeals of these decisions will have a final decision determined by the Executive Director.

Any Section representative with questions is advised to e-mail editor@aacei.org or call the Managing Editor during regular business hours (9 a.m. to 5 p.m. Eastern Standard Time, Monday-Friday, except holidays and special closings).
INDEX TO ADVERTISERS

ARES Corporation page 7
Bechtel Corporation page 4
D.R. McNatty and Associates this page
Ecosys Inside Front Cover
Infinitrac this page
ipe this page
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Michael B. Pritchett, CCE, Editor, 2006
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PRESIDENT-ELECT
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303.940.3200 / preselect@aacei.org

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Michael R. Nosbisch, CCC PSP
562.733.2472 / pastpres@aacei.org

VICE PRESIDENT-ADMINISTRATION
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713.372.2426 / preadmin@aacei.org

VICE PRESIDENT-FINANCE
John C. Livengood, CFCC PSP
202.669.1360 / vpfinance@aacei.org

VICE PRESIDENT-TEC
George A. “Sandy” Whyte, CCC CEP EVP
301.957.7434 / vptec@aacei.org

VICE PRESIDENT-REGIONS
Julie Owen, CCC PSP
213.922.7313 / vpregions@aacei.org

DIRECTOR-REGION 1
Matthew Nicholas, PSP
416.498.1303 / dirregion1@aacei.org

DIRECTOR-REGION 2
Maria Cristina Baltazar, PSP
410.276.0076 / dirregion2@aacei.org

DIRECTOR-REGION 3
James H. “Jay” Carson, CCC CEP
770.444.9799 / dirregion3@aacei.org

DIRECTOR-REGION 4
Logan Anjaneeyulu, CCC CEP PSP
949.608.7371 / dirregion4@aacei.org

DIRECTOR-REGION 5
Earl J. “Trey” Seabrook, III, CCC
713.372.0521 / dirregion5@aacei.org

DIRECTOR-REGION 6
Nicholas Keller, CCC EVP PSP
dirregion6@aacei.org

DIRECTOR-REGION 7
Gulam Farooq Quadir, CCE
+966.50.3860575 / dirregion7@aacei.org

DIRECTOR-REGION 8
Keith Webb
+61.8.93485045 / dirregion8@aacei.org

DIRECTOR-REGION 9
Jim Perry
+33.14.7664729 / dirregion9@aacei.org

EXECUTIVE DIRECTOR
Dennis G. Stork
304.296.8444 / dstork@aacei.org

AACE INTERNATIONAL HEADQUARTERS STAFF

EXECUTIVE DIRECTOR
Dennis G. Stork
+1.304.2968444 x114
dstork@aacei.org

MANAGER, CERTIFICATION
Penny Whooley
+1.304.2968444 x104
pwhooley@aacei.org

ADMINISTRATOR, CERTIFICATION
JoAnn Metzler
+1.304.2968444 x110
jmetzler@aacei.org

COORDINATOR, CERTIFICATION
Valerie Smith
+1.304.2968444 x112
vsmith@aacei.org

STAFF DIRECTOR, EDUCATION & ADMINISTRATION
Charla Miller
+1.304.2968444 x113
cmiller@aacei.org

ADMINISTRATOR, MEMBERSHIP & EDUCATION
Monica Cebulak
1.304.2968444 x115
mcebulak@aacei.org

MANAGER, FINANCE
Carol Sue Rogers
+1.304.2968444 x102
crogers@aacei.org

ACCOUNTING ASSISTANT/ ACCOUNTS PAYABLE
Olivia Jenkins
+1.304.2968444 x118
ojenkins@aacei.org

ACCOUNTING ASSISTANT/ ACCOUNTS RECEIVABLES
Zachery Ueltschy
+1.304.2968444 x107
zueltschy@aacei.org

STAFF DIRECTOR, TECHNICAL OPERATIONS
Christian Heller
+1.304.2968444 x117
cheller@aacei.org

IT/IM/GRAPHIC SPECIALIST
Robin Donley
+1.304.2968444 x119
rdonley@aacei.org

MANAGER, MARKETING & MEETINGS
Jennie Amos
+1.304.2968444 x106
jamos@aacei.org

MEETINGS COORDINATOR
Teri Jefferson
+1.304.2968444 x120
tjefferson@aacei.org

BUSINESS DEVELOPMENT COORDINATOR
Garth Leech
+1.304.2968444 x122
glee@acei.org

ADMINISTRATOR, MEMBERSHIP & SECTION SERVICES
Sharon Hardman
+1.304.2968444 x105
shardman@aacei.org

MANAGING EDITOR
Marvin Gelhausen
+1.304.2968444 x111
mgelhausen@aacei.org

ART DIRECTOR
Noah Kinderknecht
+1.304.2968444 x109
nkinderknecht@aacei.org

www.aacei.org
1265 Suncrest Towne Centre Dr Morgantown, WV 26505-1876
800.858.COST
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10-11  **Energy Investment Forum 2013, Opal Financial Group**
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Contact: info@opalgroup.net
www.opalevents.org/p/83/

13-15  **CMAA Professional Construction Management Course, The Construction Management Association of America (CMAA)**
Parsons World Headquarters
Pasadena, CA
Contact: cmaanet.org

20  **Los Angeles County Department of Public Works Capital Program Updates, The Southern California Chapter of the Construction Management Association of America (CMAA)**
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Contact: www.cmaasc.org

18-23  **ISEC-7, The ISEC Society**
Campus Center of the University of Hawaii at Manoa
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30 - October 3  **World Congress on Project Management, The International Project Management Association (IPMA) with the International Cost Engineering Council (ICEC)**
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**OCTOBER 2013**

21-22  **12th Inalco, International Aluminum Conference, INALCO 2013**
Palais des congrès de Montréal
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