46TH ANNUAL ECC CONFERENCE
ALIGNING THE STARS
Connecting People, Projects & Performance
ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
• 8:00 AM - Networking Breakfast
• 8:30 AM - Welcome / Introductions
• 9:15 AM - Ice Breaker
• 9:30 AM - Mark Guadagnini
• 10:30 AM - Break
• 10:45 AM - Brooks Kimmel
• 11:30 AM - Introduce Forums, Think Tank
• 11:45 AM - Networking Activity #2
46TH ANNUAL ECC CONFERENCE
ALIGNING THE STARS
Connecting People, Projects & Performance
ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
Conference Safety
• Wednesday Planning Team
• Safety Team
• Networking Team
Schedule

- 8:00 AM - Networking Breakfast
- 8:30 AM - Welcome / Introductions
- 9:15 AM - Ice Breaker
- 9:30 AM - Mark Guadagnini
- 10:30 AM - Break
- 10:45 AM - Brooks Kimmel
- 11:30 AM - Introduce Forums, Think Tank
- 11:45 AM - Networking Activity #2
Social Media Team

- **Team Leader: Philip Larkin**
  - Third Year Future Leader
  - Kentz Engineers & Constructors

- **Team Co-Leader: Melissa Tompkins**
  - Third Year Future Leader
  - Siemens

- **Team Co-Leader: Michael Chavan**
  - First Year Future Leader
  - Zachry
Social Media Team

- Team Members:
  - Angelle Adams – URS;
  - Jay Cox – Jacobs;
  - David Landers – PCL;
  - Justin Mahan – KPMG;
  - Michael McGill – URS;
  - Rupesh Parikh – Anixter;
  - Mike Pruchyaputtra – Phillips 66;
  - Drue Smallwood – Leidos Engineering LLC;
Follow @ECCAssociation on Twitter!

Live Interaction
The 2014 ECC Conference will be shared with followers in real time, featuring speaker information, live updates of conference events, and pertinent observations of the engineering and construction community.

About Twitter
Not familiar with Twitter? It’s a free social media tool that connects you with the world! You control what you want to see by following other Twitter users. You can also share your thoughts with those who follow you. Twitter is a valuable resource for breaking news, quick information, and keeping an eye on politics, industry, and the economy.

What’s a Handle?
A twitter handle is like an email address for Twitter. For example @ECCAssociation is the handle for the ECC Association
What’s a Hashtag?

The hashtag (#), also known as the pound sign, is the primary Twitter search operator. Any Twitter user can search with a hashtag to see what other users are tweeting about.

#ECCConf2014
#ECCFL
Twitter cont’d

Twitter Dos

• Do follow ECC, your fellow future leaders, and the conference speakers
• Do tweet industry and conference related content.
• Do give you thoughts, ideas, and professional opinions.
• Encourage others to follow ECC!
• Example: “Known as the “Father of Zero” Emmitt is an inspiration to us all to ensure everyone gets home safe #ECCConf2013 #zeroinjury”

Twitter Don’ts

• Don’t be controversial, insulting, or irresponsible.
• Don’t tweet on behalf of the ECC.
• Example: “Having a great time…drinking it up! #ECCConf2013”
2014 ECC App (iOS and Android)

- Search “ECC 46”
- “Ask me about the App”
• Future Leader Liaisons
  • Lindsey Weems
    • 3rd Year Future Leader – Hargrove Engineers
  • Kurt Davis
    • 3rd Year Future Leader – CH2M Hill
  • John Morris
    • 4th Year Future Leader - BASF
As ECC leaders, how would you generally describe your primary roles or experience within the industry:

1. Project Management/Director
2. Business Development
3. Business Management
4. Engineering or Functional Management
5. Other
ARS - Experience in the Room?

How many years of industry experience do you have?

1. 0-5
2. 5-10
3. 10-15
4. 15-20
5. 20+
Do you have any military experience?

1. Yes

2. No
ARS - Your Thoughts on Leadership

Choose what you feel is the most important Leadership Trait

1. Hard Work
2. Trust
3. Communication
4. Other Trait
ARS - Success and Failure

What do you believe to be more valuable to your future growth as a leader?

1. The Actions that lead to Success

2. The way you respond to Failure
46TH ANNUAL ECC CONFERENCE
ALIGNING THE STARS
Connecting People, Projects & Performance
ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
CONSTRUCTION REVOLUTION
46TH ANNUAL ECC CONFERENCE
ALIGNING THE STARS
Connecting People, Projects & Performance

ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
Networking – Activity 1

• Categories

• The group will be provided a general category
• Your job is to interact with and sort into groups that best fits the general category topic
• There are not specific category definitions – groups can be defined as anything they want
• You will not have unlimited time before we switch categories
• This requires active participation; feel free to safely move around the room
46TH ANNUAL ECC CONFERENCE
ALIGNING THE STARS
Connecting People, Projects & Performance

ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
Project Execution & Leadership

Mark Guadagnini
Shell, Retired RADM
46TH ANNUAL
ECC CONFERENCE
ALIGNING
THE STARS
Connecting People,
Projects & Performance

ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
Safety in a Zero Tolerance Environment

Brooks Kimmel
NASA, Technical Training and Employee Development Manager
SAFETY IN A ZERO TOLERANCE ENVIRONMENT

“In the space business, 99% perfection is equivalent to disaster...”
- Wernher von Braun

Brooks R. Kimmel, NASA Speaker’s Bureau
46TH ANNUAL ECC CONFERENCE
ALIGNING THE STARS
Connecting People, Projects & Performance
ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
Networking – Activity 2

- Networking Beach Volleyball
  - Gently toss or roll the volleyball to anyone in your group (please make eye contact and say the person’s name before tossing)
  - Upon catching the volleyball, read the question that your right index finger is pointing to
  - Then answer or share your thoughts
  - If an answer does not immediately come to mind, feel free to pick any other question on the volleyball
ALIGNING THE STARS
Connecting People, Projects & Performance

ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
Schedule

- 12:00 PM - Break / Networking Lunch
- 1:00 PM - Bill Courtney
- 2:15 PM - Greg Hale
- 3:00 PM - Break
- 3:15 PM - Manuel Junco - ECC Chair
- 3:20 PM - TED Talk Forum
- 4:05 PM - Wrap Up / FL Picture
- 5:30 PM - Conference Welcome Reception
46TH ANNUAL ECC CONFERENCE
ALIGNING THE STARS
Connecting People, Projects & Performance
ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
46th Annual ECC Conference
ALIGNING THE STARS
Connecting People, Projects & Performance

ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
46TH ANNUAL ECC CONFERENCE

ALIGNING THE STARS
Connecting People, Projects & Performance

ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
Characteristics of Leadership

Bill Courtney
Author, Coach, Documentary Subject
THE FOLLOWING **PREVIEW** HAS BEEN APPROVED FOR

**APPROPRIATE AUDIENCES**

BY THE MOTION PICTURE ASSOCIATION OF AMERICA, INC.

THE FILM ADVERTISED HAS BEEN RATED

**PG-13** PARENTS STRONGLY CAUTIONED

SOME MATERIAL MAY BE INAPPROPRIATE FOR CHILDREN UNDER 13

www.filmratings.com

www.mpaa.org
Safety and the Magic of Disney

Greg Hale
Chief Safety Officer – Vice President WW Disney
Safety and the Magic of Disney

Greg Hale
Chief Safety Officer – Vice President WW Disney
46TH ANNUAL ECC CONFERENCE
ALIGNING THE STARS
Connecting People, Projects & Performance
ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
Romancing the Future Workforce

Forum Summary

This forum had about 17 future leaders reaching out to the industry to determine how we as a community are planning and dealing with the craft labor shortage.

We reached out to owners, contractors and academic organization to gain a prospective how the industry is addressing the shortage.
Romancing the Future Workforce

Forum Speakers

David Esquibel – Shell Oil Company
Workforce Development Specialist, Operations & Crafts

Bob Woods - Southern Company
Project Manager Environmental Projects and Construction
Executive Director American Workforce Development Initiative
ECC Think Tank Team
2014
<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Program Year</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan Shumate (Lead)</td>
<td>Eastman Chemical Company</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Year</td>
<td>Tennessee</td>
</tr>
<tr>
<td>Terry Nimchuk (Co-Lead)</td>
<td>Dow Chemical</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Year</td>
<td>Texas</td>
</tr>
<tr>
<td>Tim Becker</td>
<td>Team Industries</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Year</td>
<td>Wisconsin</td>
</tr>
<tr>
<td>Matt Lawrence</td>
<td>Foster Wheeler</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Year</td>
<td>Texas</td>
</tr>
<tr>
<td>Kent Dulay</td>
<td>SK E&amp;C USA</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Year</td>
<td>Texas</td>
</tr>
<tr>
<td>Jennifer Bonnin</td>
<td>Willbros</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Year</td>
<td>Texas</td>
</tr>
<tr>
<td>Karen Bray</td>
<td>Burns &amp; McDonnell</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Year</td>
<td>Missouri</td>
</tr>
<tr>
<td>Nathan Stal</td>
<td>Flowserve</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Year</td>
<td>Houston</td>
</tr>
<tr>
<td>Kristie Pickering</td>
<td>BASF</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Year</td>
<td>Louisiana</td>
</tr>
<tr>
<td>Patrick Smith</td>
<td>Brierley Associates</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Year</td>
<td>California</td>
</tr>
<tr>
<td>Brian Davis</td>
<td>Day &amp; Zimmermann</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Year</td>
<td>South Carolina</td>
</tr>
</tbody>
</table>
Objective

Leverage the growing ECC Future Leader population to adapt to continued growth while offering opportunities for Future Leaders to engage and create opportunities that benefit both the Future Leaders Program and ECC overall.
• Strategic Issues

• Exposure of Future Leaders to the Board

• Alumni Engagement / Outreach

• Education for Future Leaders
ALIGNING THE STARS
Connecting People, Projects & Performance

ENGINEERING & CONSTRUCTION CONTRACTING ASSOCIATION
ECC President

Manuel Junco
Jacobs
Smart Failure for a Fast Changing World

Eddie Obeng
Project Management Educator and Author
The pace of change has exceeded the pace of conventional learning.

Achieving success now demands us to try new things.

Not all failure is the same. Failure to perform a proceduralized task is completely different than experiencing an undesired outcome when taking a risk in doing something new.

Failure associated with trying something new is to be celebrated for its value in shaping our future successes.
“They've changed the rules from laminar to turbulent. All the rules are gone. In that environment, instantly, all the possibilities which turbulence brings are available, and it's not the same as laminar.”

“We spend our time responding rationally to a world which we understand and recognize, but which no longer exists.”

“Our systems, enterprises, education, organizations and institutions were designed yesterday and don't fit today.”
People are supposed to be good at making stuff happen. However, if I use as an example a family of five going on holiday... all the way from London all the way across to Hong Kong, what I want you to think about is their budget is only 3,000 pounds of expenses. What actually happens is, if I compare this to the average real project... the family actually end up in Makassar, South Sulawesi, at a cost of 4,000 pounds, whilst leaving two of the children behind.
3 Things I Learned While My Plane Crashed

Ric Elias
CEO & Co-Founder, Red Ventures, LLC
Survivor - US Airways Flight 1549
3 Things I Learned While my Plane Crashed
3 things I learned while my plane crashed

• “I no longer want to postpone anything in life. That urgency, that purpose, has really changed my life.”

• “I no longer try to be right; I choose to be happy.”

• “I regretted the time I wasted on things that did not matter with people that [do] matter.”