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To: United Engineering Foundation (UEF) Board of Trustees
From: Thomas G. Loughlin, Executive Director
Subj: Final Report on the 2014 "Engineering Public Policy Symposium"
Date: April 30, 2014

I'm pleased to provide you with our final report summarizing the deliverables associated with the "Engineering Public Policy Symposium" which was convened for leaders of the engineering community on Tuesday, April 29, 2014 in Room B338-339-340 Rayburn House Office Building on Capitol Hill. **I would like thank you again for supporting the Symposium, which would not be convened without the financial support provided by the United Engineering Foundation.**

As per our proposal, the Symposium was successfully integrated with the National Academy of Engineering Convocation and the American Association for Engineering Societies (AAES) Awards Dinner and Board Meeting. ASME worked closely with the NAE, AAES, the Founder Societies and the Co-Sponsors to coordinate all activities associated with the Symposium. The UEF and Founder Societies received significant acknowledgement and recognition. A summary is provided below.

ENGINEERING PUBLIC POLICY SYMPOSIUM

NATIONAL ACADEMY OF ENGINEERING CONVOCATION AND AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES (AAES) AWARDS BANQUET

We initially began integrating the Symposium with the NAE Convocation, AAES Banquet and AAES Board Meeting in May 2007 in order to maximize attendance by the leadership of the various societies. Since that time, the scheduling of the Symposium has been determined by the dates in which the Convocation and AAES events are convened. This year, all of the events were coordinated and convened as follows:

Monday, April 28, 2014

National Academy of Engineering Convocation

National Academies Keck Center Building
500 5th Street, NW
8:00AM – 5:00PM

Invitation Only / No Fee to Attend

AAES Awards Banquet Ceremony

National Academies, Atrium, Keck Center Building
500 5th Street, NW Time: 6:30PM – 9:00PM
Tickets: \$145.00 /per person

Tuesday, April 29, 2014

Engineering Public Policy Symposium

Location: B338-339-340 Rayburn House Office Building

Independence Avenue, Capitol Hill

8:00 AM -1:00PM

Breakfast & Lunch Served

Invitation Only / No Fee to Attend

AAES Board of Directors Meeting

Holiday Inn Capitol – Columbia Ball Room

550 C Street, SW, Washington, DC 20024

2:00 PM Welcome

5:00 PM Adjourn

Founder Societies

As the Principal Grantee for the Symposium, ASME began working with a Planning Committee in November 2013 comprised of the following Founder Society representatives:

AIME:	Michele Lawrie-Munro
AIChE:	Dale Keairns
ASCE:	Martin Hight
IEEE-USA:	James Savage

The theme for the 2014 Symposium was **“Energy and Manufacturing: Policy Priorities for the 2nd Session of the 113th Congress.”***

The morning session of the NAE Convocation highlighted the “Resurgence of Oil & Natural Gas Based on Unconventional Resources**,” so we intentionally decided to highlight energy policy as one of the key topics of discussion at the Symposium. We also worked closely with Victoria Rockwell, Chair of the NAE Convocation to assist her in inviting speakers to the Convocation.*

Cosponsors: 43 Engineering Societies

We sent a letter and schedule of events (Attachment #1) in early January to the cosponsors of last year’s Symposium giving them advance notice of all of our April events. We invited them to cosponsor the 2014 Symposium and to provide us with their Society Profile for inclusion in the Symposium brochure.

Over 100 representatives from the following organizations attended the Symposium:

1. United Engineering Foundation
2. ASME (Program Chair)
3. AIChE
4. AIME
5. ASCE
6. IEEE-USA
7. American Academy of Environmental Engineers & Scientists
8. American Association of Engineering Societies
9. **ABET**
10. **American Indian Science and Engineering Society**
11. American Institute for Medical & Biological Engineering

12. American Institute of Aeronautics and Astronautics
13. American National Standards Institute
14. American Nuclear Society
15. American Society of Agricultural & Biological Engineers
16. American Society for Engineering Education
17. American Society for Engineering Management
18. American Society for Nondestructive Testing
19. ASHRAE
20. Association for Iron & Steel Technology
21. ASTM International
22. Automation Federation
23. Engineers Without Borders USA
24. Federation of Materials Societies
25. Human Factors & Ergonomics Society
26. Illuminating Engineering Society
27. International Society of Automation
28. Institute of Industrial Engineers
29. National Academy of Engineering
- 30. National Academy of Forensic Engineers**
31. National Action Council for Minorities in Engineering
32. National Society of Black Engineers
33. National Society of Professional Engineers
- 34. SAE International**
35. SME
- 36. Society of American Military Engineers**
37. Society of Hispanic Professional Engineers Foundation
38. Society for Mining, Metallurgy and Exploration, Inc.
39. Society of Naval Architects & Marine Engineers
40. Society of Women Engineers
41. SPIE The International Society for Optics & Photonics
42. The Optical Society
43. The Minerals, Metals and Materials Society

Four new engineering organizations joined us as cosponsors in 2014 (highlighted above.)

NAE/AAES/Symposium: Invitation List & Registration

We continued to collaborate with the NAE and AAES to send letters with the agendas (Attachment #2) and worked closely with them to coordinate registration for all of our events. We also collaborated with NAE/AAES to: 1) develop an online registration form for all three events; 2) coordinate and distribute the invitation letters to over 200 society leaders; and 3) to coordinate registration information to ensure Society members were registered for the appropriate event and to send separate confirmations on each event to registered attendees.

Attendees were informed they should make their own hotel reservations, although NAE reserved a small block of rooms (approx. 20-25) which were available on a “first-come, first-served basis.”

Room Location

IEEE secured B338-339-340 in the Rayburn House Office Building on Capitol Hill for the Symposium. Convening the event in this location made it easier for Members of Congress and Congressional staff to attend. There was also no expense associated with the room.

Agenda & Speakers

Several distinguished Members of Congress and high level Administration officials agreed to join us as our guest speakers. See attached agenda. (Attachment #3)

Awards

The Founder Societies agreed that we should continue to present an award during the Symposium to “Champions” of engineering and scientific research. **An award was presented to the Honorable Tom Reed (R-NY) and the Honorable Tim Ryan (D-OH), Co-Chairs of the House Manufacturing Caucus. We also agreed to present an award to the Honorable Patrick Gallaher, Director of the National Institute of Standards and Technology.** A description of the awards is attached (Attachment #4).

Background on Awards: In 2008, the engineering societies decided to present an award to the Science and Technology Committee in celebration of their 50th Anniversary, as well as to Dr. Marburger, who was retiring from his position as Director of OSTP. This has evolved into a “tradition” of presenting an award annually at each Symposium to Members of Congress who have served as champions of engineering and scientific research. A list of individuals who received the award since 2008 includes the following individuals, although the inscription is tailored to their contributions.

2008: Science and Technology Committee; Hon. Bart Gordon, Chair/Hon. Ralph Hall, Ranking Member

2008: Dr. John Marburger, Director, Office of Science and Technology Policy

2009: Honorable Bart Gordon, U.S. House of Representatives

2009: Honorable Vernon Ehlers, U.S. House of Representatives

2010: Honorable Ted Kaufman, U.S. Senate

2011: Honorable Jeff Bingaman, U.S. Senate

2012: Hon. Rush Holt, Co-Chair, Research and Development Caucus, U.S. House of Representatives

2012: Hon. Judy Biggert, Co-Chair, Research and Development Caucus, U.S. House of Representatives

2013: Honorable Lamar Alexander, U.S. Senate

2014: Hon. Tom Reed (R-NY) and Hon. Tim Ryan (D-OH), Co-Chairs, House Manufacturing Caucus

2014: Hon. Patrick Gallaher, Director, National Institute of Standards and Technology

Symposium Moderators

A representative from each Founder Society introduced a speaker:

- Madiha Kotb, ASME President
- Patrick Natale, Trustee, UEF
- Gary Blank, Ph.D., IEEE-USA President
- Behrooz Fattahi, Ph.D., AIME President-Elect
- Otis Shelton, AIChE President

Congressional Visits

Society members were encouraged to meet with their Members of Congress during the afternoon. Visits were convened with 30 congressional offices. The individual societies were responsible for organizing their own visits, although ASME offered assistance them, if needed. Materials were provided by ASME.

Evaluation Form/Photos/Presentations

After the Symposium, attendees were informed that the presentations, photos and an evaluation form were available at <http://fs19.formsite.com/rsvp2/form27/index.html> A cd with all of the photos has been sent to all of the Founder Societies.

Symposium attendees were also notified of the dates for the 2015 NAE Convocation and AAES Banquet and Board Meeting, and the Symposium (which is dependent upon future funding.)

Budget Breakdown

	Amount (\$)
Food and beverage (120 Attendees)	\$16,830.08
AV; marketing; reproduction for Symposium booklets, speaker presentations, Cong. Visits materials; photographer; signage, etc.	<u>\$12,104.65</u>
Total	\$28,934.73

ASME contributed a significant amount of time and staff resources to managing this event, at no expense to the UEF or Founder Societies. We were also fortunate again to be able to reserve B338-339-340 Rayburn House Office Building through a congressional office, so there was no expenses associated with reserving the room.

Invoice

Please find enclosed our invoice for \$28,000.

Attachments:

- #1: Letter to the Cosponsors
- #2: Invitation letters and Program: NAE/AAES/Engineering Symposium
- #3: Agenda
- #4: Awards
- #5: Invoice



THOMAS G. LOUGHLIN, CAE
Executive Director
loughlint@asme.org

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New York, NY fax 1.212.591.8200
10016-5990 U.S.A. www.asme.org

January 6, 2014

Norman Fortenberry, Ph.D.
Executive Director
American Society for Engineering Education
1818 N Street, N.W., Suite 600
Washington, DC 20036

Dear Norman,

It is my pleasure to invite the American Society for Engineering Education to cosponsor the **"2014 Engineering Public Policy Symposium"** scheduled for Tuesday, April 29, 2014 from 8:30a.m.-1:00p.m. in Room B338-339-340 of the Rayburn House Office Building in Washington, DC. ASME will once again be serving as the lead organizer of the Symposium, which is funded by a grant provided by the **United Engineering Foundation**. There is no charge to cosponsor or attend, but seating is limited, so the Symposium will be an "invitation only" event.

This year, the Symposium will focus on policy-related issues pertaining to energy, manufacturing and research. We will be inviting officials from the Administration, Members of Congress and/or congressional staff to join us to discuss policy priorities and the budget outlook for the second session of the 113th Congress. During the afternoon, interested Symposium attendees will have an opportunity to meet with their Members of Congress to advocate for issues of importance to the engineering community.

I would appreciate it if you would contact Kathryn Holmes at holmesk@asme.org or 202/785-7390 no later than **January 31, 2014** to confirm your organization can be listed a cosponsor of the Symposium. Also attached is the description of your organization which we plan to include in the Symposium brochure. Please email Kathryn if you would like to suggest any revisions to this document.

The Symposium will be convened in conjunction with the National Academy of Engineering's (NAE) Convocation of Engineering Societies and the American Association of Engineering Societies (AAES) Awards Dinner. A schedule of the events is attached. The NAE will be sending an invitation and preliminary agenda for all three events to you, as well as the President and President-Elect of your organization, within the next few months.

We look forward to hearing from you.

Best regards,

Thomas Loughlin
Executive Director

cc: William Kelly, Director, External Affairs

2014 SCHEDULE OF EVENTS

MONDAY, APRIL 28, 2014



National Academy of Engineering Convocation

The National Academies

Lecture Room

2101 Constitution Avenue, NW, Washington D.C.

8:00AM – 5:00PM

Invitation Only / No Fee to Attend

NAE Reception

Front Terrace

5:30PM – 6:30PM

Invitation Only / No Fee to Attend



AAES Awards Banquet Ceremony

The National Academies

2101 Constitution Avenue, NW, Washington D.C.

Time: 6:30PM – 9:00PM

Tickets: \$145 per person

TUESDAY, APRIL 29, 2014



Engineering Public Policy Symposium

Location: B338-339-340 Rayburn House Office Building,

Independence Avenue, Capitol Hill

8:30 AM -1:00PM

Breakfast & Lunch Served

Invitation Only / No Fee to Attend



AAES Board of Directors Meeting

The National Academies

2101 Constitution Avenue, NW, Washington D.C.

2:00 PM Welcome

PLEASE NOTE: The National Academy of Engineering will send an invitation and preliminary agenda for all events to you, as well as the President and President-Elect of your organization, within the next few months.



March 4, 2014

Dear Engineering Society President:

It is our pleasure to invite you to attend a number of important events which are being convened for leaders of the engineering community in Washington, DC on **April 28-29, 2014**. Representatives from industry, academia and the federal government have been invited to discuss challenges which are of great importance to our nation and the engineering community. An agenda for the 2-day event is attached for your information.

National Academy of Engineering (NAE) Convocation of the Professional Engineering Societies:

Monday, April 28th, 8:30am – 5:00pm

The annual NAE-AAES Convocation will be held on Monday, April 28th from 8:30am–5:00pm in Room 100 of the National Academies Keck Center Building at 500 5th Street, NW, Washington, DC. Society leaders from the engineering community will join us to discuss “Resurgence of Oil & Natural Gas Based on Unconventional Resources” and “Engineering Workforce and the US Economic Renaissance – Opportunities and Barriers.” A reception will follow at 5:30pm. There is no charge to attend these events.

American Association of Engineering Societies (AAES) Awards Banquet Ceremony:

Monday, April 28th, 6:30 – 9:00pm

The annual AAES Awards Banquet will be held on Monday, April 28th from 6:30pm–9:00pm in the Atrium of the Keck Center Building. The AAES Awards Banquet provides an opportunity for members of the engineering community to come together to celebrate engineering accomplishments and honor individuals through awards. A description of the awards is available at <http://www.aaes.org/awards/index.cfm>. There is a charge of \$145.00 (payable in advance) to attend the AAES Banquet. Registration and payment must be received prior to the event to ensure a seat at the banquet.

Engineering Public Policy Symposium:

Tuesday, April 29th, 8:00am-1:00pm

The annual “Engineering Public Policy Symposium,” will be convened on Tuesday, April 29th from 8:00am-1:00pm in *Rooms B338-339-340 of the Rayburn House Office Building, Washington, DC*. Administration officials, Members of Congress and congressional staff have been invited to discuss “Energy and Manufacturing: Policy Priorities for the 2nd Session, 113th Congress.” Interested Symposium attendees will have an opportunity to meet with their Members of Congress during the afternoon to discuss issues of importance to the engineering community. Funding for the Symposium is provided by a grant from the United Engineering Foundation. There is no charge to attend this event, but seating is limited, so register early!

March 4, 2014

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**American Association of Engineering Societies (AAES) Board Meeting:
Tuesday, April 29th, 2:00-5:00pm**

Convocation and Symposium attendees are invited to attend the AAES Board of Directors business meeting to be held at the Holiday Inn Capitol, Columbia Ball Room, 550 C Street, SW. An agenda will be sent to you in early April. There is no charge to attend.

You are welcome to attend any and/or all of the events. Please register online by clicking [HERE](#). **Registration must be completed by Friday, April 11, 2014.**

A hotel room block has been set aside at the **Holiday Inn Capitol**, 550 C Street, SW, Washington, DC 20024. If you wish to stay at the Holiday Inn Capitol, please click [HERE](#) to make your reservation. Reservations can **only** be made using this link to be included in room block. The **cut-off** date to make reservations for this room block is **March 28, 2014**. Reservations must be canceled *72 hours prior* to intended arrival to avoid a one night room rate (\$224.00 + tax) cancellation charge.

We look forward to seeing you in Washington, DC on April 28th and 29th.

Sincerely,



Lance A. Davis
Executive Officer, NAE



Wendy Cowan
Executive Director, AAES

Attachment



ENERGY AND MANUFACTURING: POLICY PRIORITIES FOR THE 2ND SESSION OF THE 113TH CONGRESS

PROGRAM AGENDA

WELCOME & OPENING REMARKS [8:30AM]

Madiha Kotb
President, ASME

OFFICE OF SCIENCE AND TECHNOLOGY POLICY [8:45AM]

Moderator: Patrick Natale, Trustee, United Engineering Foundation

Tom Kalil
Deputy Director for Technology and Innovation

U.S. DEPARTMENT OF ENERGY [9:10AM]

Moderator: Gary Blank, Ph.D., IEEE-USA President

Honorable Dan Poneman
Deputy Secretary

U.S. HOUSE OF REPRESENTATIVES: ENERGY PRIORITIES [9:30AM]

Moderator: Randall S. Over, ASCE President

Honorable Chris Collins (R-NY)
House Committee on Science, Space and Technology

SENATE COMMITTEE ON ENERGY AND NATURAL RESOURCES [9:45AM]

Moderator: Behrooz Fattahi, Ph.D., AIME President-Elect

Megan Brewster, Science Fellow
Sen. Landrieu (D-LA) (Chair)

Ron Faibish, Ph.D., Science Fellow
Sen. Murkowski (R-AK) (Ranking Member)

Break [10:10AM]

MANUFACTURING [10:30AM]

Moderator: Patrick Natale, Trustee, United Engineering Foundation

Honorable Patrick D. Gallagher, Ph.D.
Director, National Institute of Standards and Technology

U.S. HOUSE OF REPRESENTATIVES: MANUFACTURING PRIORITIES [11:00AM]

Moderator: Madiha Kotb, ASME President

Honorable Tom Reed (R-NY)
Co-Chair, Manufacturing Caucus

Honorable Tim Ryan (D-OH)
Co-Chair, Manufacturing Caucus

Lunch Served [11:30AM]

U.S. SENATE: LEGISLATIVE PRIORITIES [12:15PM]

Moderator: Otis Shelton, AIChE President

Rose Mutiso, Policy Fellow / Doug Lee, Legislative Aide
Honorable Chris Coons (D-DE)

CLOSING REMARKS [12:45PM]

Madiha Kotb
President, ASME

Adjourn [1:00PM]

CONGRESSIONAL VISITS OVERVIEW [1:00PM]

Rayburn House Office Building

April 29, 2014

8:30am—1:00pm

Regis. & Breakfast:

8:00am-8:30am

*B338-339-340 Rayburn House
Office Bldg*

The Presidents, Presidents-Elect and Executive Directors from 43 national engineering societies, representing more than two million engineers, will attend the annual Engineering Public Policy Symposium in Washington, DC on Tuesday, April 29th.

The Symposium will feature speakers from the Administration and Congress who will discuss their energy policy priorities, as well as new developments pertaining to the National Network for Manufacturing Innovation (NNMI) and the public policies required to foster innovation in energy and manufacturing.

*In Recognition and Appreciation
of the*

Honorable Tim Ryan
U.S. House of Representatives



For your leadership and commitment in developing manufacturing
policies and advancing legislation to promote U.S. technological
leadership and economic prosperity.

on behalf of the
Engineering Societies

Engineering Public Policy Symposium
April 29, 2014

—◆—
Washington, D.C.

*In Recognition and Appreciation
of the*

Honorable Tom Reed
U.S. House of Representatives



For your leadership and commitment in developing manufacturing
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leadership and economic prosperity.

on behalf of the
Engineering Societies

Engineering Public Policy Symposium
April 29, 2014

—◆—
Washington, D.C.

In recognition and appreciation of the

Honorable Patrick D. Gallagher

U.S. Department of Commerce



For your leadership and commitment in promoting industrial innovation and competitiveness and advancing policies to promote U.S. leadership in science, standards, and technology.

on behalf of the
Engineering Societies

LEAD SPONSORS: United Engineering Foundation, ASME, AIChE, AIME, ASCE, IEEE-USA; Cosponsors: AAEEES, AAES, ABET, AF, AIAA, AIMBE, AISES, AIST, ANS, ANSI, ASABE, ASEE, ASEM, ASHRAE, ASNT, ASTM, EWB-USA, FMS, HFES, IES, IIE, ISA, NACME, NAE, NAFE, NSBE, NSPE, OSA, SAE, SAME, SHPE, SME, SNAME, SPIE, SWE

Engineering Public Policy Symposium

April 29, 2014

Washington, D.C.



Invoice No. UEF_GRSYMP_42814

INVOICE

Customer

Name United Engineering Foundation
 Address Attn: Dr. David L. Belden
 City P.O. Box 70 , Mt. Vernon VA ZIP 22121-0070
 Phone _____

Date 5/7/2014
 Order No. _____
 Rep _____
 FOB _____

Qty	Description	Unit Price	TOTAL
	Washington Visitation Account STRA-1004 Revenue 2014 Engineering Public Policy Symposium (F/B, AV, Marketing, Photography & Misc Expense)	\$28,000.00	\$28,000.00

Payment Details

- ☐ Cash
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SubTotal	\$28,000.00
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