**Tuesday, September 28, 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>6:30 PM</td>
<td>Welcome Reception</td>
<td>Merriam</td>
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</tbody>
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**Wednesday, September 29, 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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<tbody>
<tr>
<td>7:15 AM</td>
<td>Breakfast</td>
<td>Deseo</td>
</tr>
<tr>
<td>8:15 AM</td>
<td>Welcome and Introductions</td>
<td>Kierland 4A/B</td>
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<tr>
<td></td>
<td>George Poste, Arizona State University</td>
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<td></td>
<td>William Harris, Science Foundation Arizona</td>
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**Technology Acceleration and Convergence as Drivers of Disruptive Changes in National Competitiveness and Security**

**Chair:** William Harris  
**Director, Science Foundation Arizona**

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<tbody>
<tr>
<td>8:30 AM</td>
<td>Innovation Demands Boldness: Meeting the Challenges of Escalating Complexity</td>
<td>Kierland 4A/B</td>
</tr>
<tr>
<td></td>
<td>George Poste, Chief Scientist, Complex Adaptive Systems Initiative, Arizona State University</td>
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<tbody>
<tr>
<td>9:30 AM</td>
<td>Mapping National Needs in New Technologies</td>
<td>Kierland 4A/B</td>
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<tr>
<td></td>
<td>William B. Bonvillian, Director, MIT Washington DC Office</td>
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**10:15 AM** - Break

**10:30 AM** - Where Is It All Going?  
Dennis Bushnell, Chief Scientist, NASA Langley Research Center

**11:15 AM** - The Challenges of Developing and Implementing Large Scale and/or Innovative Programs in Biomedicine
Anna Barker, Former Deputy Director, National Cancer Institute

**12:00 PM** - Lunch

**Thursday, September 30, 2010**

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**Accelerating Technological Advances in Climate Change and Energy**

**Chair:** R. F. "Rick" Shangraw  
**Senior Vice President, Office of Knowledge Enterprise Development and Director, Global Institute of Sustainability, Arizona State University

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<tbody>
<tr>
<td>8:15 AM</td>
<td>A Sustainable Solutions Agenda</td>
<td>Kierland 4A/B</td>
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<tr>
<td></td>
<td>Daniel Sarewitz, Co-Director, Consortium for Science, Policy and Outcomes, Arizona State University</td>
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</table>

**9:00 AM** - Bold Innovation is Not Enough in the Energy Sector: Jumping Over the VC Chasm of Death  
Daniel Nocera, Henry Dreyfus Professor of Energy, MIT

**9:45 AM** - Break

**10:00 AM** - Robotics  
Joseph Dyer, Chief Operating Officer, iRobot Corporation  

**10:30 AM** - Boldness in Innovating Innovation via Creative Machine Intelligence  
Stephen Thaler, President and CEO, Imagination Engines Inc

**11:00 AM** - Higher Order Brain Functions and Computing  
Mitchell Zakin, Senior Vice-President of Innovation, Aptima

**11:30 AM** - Defining A Roadmap for Healthcare: The Path from Peril to Progress  
Denis Cortese, Director, Health Care Delivery and Policy Program, Arizona State University; Emeritus President and CEO, The Mayo Clinic

**12:00 PM** - Lunch

**Academic Research Institutions and the Challenge of Disruptive Technologies: Adaptive Agility or Denialism and Decline?**

**Chair:** George Poste  
**Chief Scientist, Complex Adaptive Systems Initiative, Arizona State University

**2:45 PM** - Networks, Collective Intelligence and New Approaches to Decisions and Risk Management  
Eric Bonabeau, CEO and Chief Scientific Officer, Icosystem Corp.

**3:30 PM** - Evaluating Strategic Risk and Deterrence for National Security: A Highlands Forum Perspective  
Richard (Dick) O'Neill, President, The Highlands Group

**12:45 PM** - Michael Crow, President, Arizona State University

**1:30 PM** - Brett P. Giroir, Vice Chancellor for Research, The Texas A&M University System
Thursday, September 30, 2010

<table>
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<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
<th>Hotel Amenities and Area Overview</th>
</tr>
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<tbody>
<tr>
<td>4:45 PM</td>
<td>Henry I. Miller, Research Fellow, Hoover Institution, Carol Dahl, Director of Staff, Global Health Program, Harry Blount, CEO and Founder, Blount Ventures and Blackberry: 602-526-8103 Tel. 480-965-4800 Assistant to Dr. Poste Linda Whatley Registration/Admin Support</td>
<td>Kierland 4A/B</td>
<td>Front Desk: 480-624-1000 Arrival Information Check in: 4:00 PM Check out: 12:00 PM Parking: Parking Lot Valet</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>PANEL DISCUSSION</td>
<td>Kierland 4A/B</td>
<td>Internet Access: Wireless High Speed Internet Service in Guest Rooms and Meeting Space Guest room access covers most public areas in the hotel $6.95 for 4 hrs &amp; $12.95 for 24 hrs</td>
</tr>
<tr>
<td></td>
<td>Participants:</td>
<td></td>
<td>Business Center: P: 480-596-1028 and F: 480-596-8855 Hours: M-F 8am to 7pm Printouts, faxes, copies, computer rental, packing and shipping needs.</td>
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<tr>
<td></td>
<td>• Harry Blount, CEO and Founder, Blount Ventures and DISCERN (futures consulting/investment in emerging technologies)</td>
<td></td>
<td>Transportation: Taxi service easily accessible at airport curbside Estimated taxi fare: $50 each way</td>
</tr>
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|             | • Carol Dahl, Director of Staff, Global Health Program, Bill & Melinda Gates Foundation (global health) |            | Airport transportation to The Resort is available through Transstyle Transportation with advanced reservations. Return transportation is available from the Front Drive 24 hours a day. Transstyl Inc. (Sedans) Phone: (888) 948-6131 http://www.transstyle.com/  
|             | • Henry I. Miller, Research Fellow, Hoover Institution, Stanford University (regulation of science and technology) |            | • Curbside Pickup: $55 - Sedan / $75 – SUV  
|             | • Lesa Mitchell, VP, Advancing Innovation, Kaufman Foundation (strategic perspectives on funding innovation and entrepreneurship) |            | • Meet & Greet*: $75 - Sedan / $95 - SUV  
| 4:30 PM     | 4:45 PM - Closing Remarks                   | Kierland 4A/B | • Hertz Rent-A-Car - Westin-Kierland Resort 480-624-1239 |
| 6:00 PM     | Shuttle to Restaurant                      | Pinnacle Executive Transportation | Guest Services: Express Check-Out Luggage Storage Bellstand/Porters Service Express® Smoke Detectors This is a smoke-free hotel. Breathe Westin(TM) 24-Hour Front Desk Concierge Desk |
| 6:30 PM     | 6:30 PM - Informal Dinner                  | Fogo de Chao 6300 N Scottsdale Rd, 480-609-8866 | Recreation & Entertainment: Hotel Spa  
|             |                                             |            | Agave, The Arizona Spa  
|             |                                             |            | Spa hours: Facilities: 6:00 AM - 8:00 PM; Treatments: 7:00 AM - 7:30 PM; Salon: 9:00 AM - 6:00 PM Call The Spa: (480) 624-1202 |
|             |                                             |            | Hotel Gym 24 Hours (480) 624-1500 |
|             |                                             |            | Shopping Just a short and pleasant walk from the resort grounds—or a complimentary shuttle ride away—is the Kierland Commons shopping center (70 popular retailers and eateries) |

Contact Information:

Registration/Admin Support:
Linda Whatley  
Assistant to Dr. Poste  
Tel. 480-965-4800  
Blackberry: 602-526-8103  
E-mail. Linda.Whatley@asu.edu

Stephanie Calderone  
Executive Assistant to Dr. Poste  
Tel. 480-727-8661  
Blackberry: 480-231-3555  
E-mail. Stephanie.Calderone@asu.edu

Front Desk: 480-624-1000

Hotel Business Center: The FedEx Office Print & Ship  
Hayley Moss-Gulley, Manager  
Phone: (480) 596-1028  
Fax: (480) 596-8855  
E-mail. usa1060@fedex.com

Hotel Amenities and Area Overview:

- 24 Hours (480) 624-1500
- Hotel Gym 24 Hours (480) 624-1500
- Shopping Just a short and pleasant walk from the resort grounds—or a complimentary shuttle ride away—is the Kierland Commons shopping center (70 popular retailers and eateries)

Invited Participants:

1. Adam, David  
2. Barker, Anna  
3. Berkland, Corey  
4. Beschloss, Steven  
5. Blount, Harry  
6. Bonabeau, Eric  
7. Bonvillian, William B.  
8. Bowles, Thomas  
9. Brennan, Matthew  
10. Bushnell, Dennis  
11. Dahl, Carol  
12. Dyer, Joseph W.  
13. Giorio, Brett  
14. Jarboe, Kenan  
15. Jewett, Jack B.  
16. Jones, Gary  
17. Jones, Shawn  
18. Lee, Jerry  
19. Miller, Henry  
20. Mitchell, Lesa  
21. Nocera, Daniel  
22. O’Neill, Richard  
23. O’Toole, Tara  
24. Persons, Timothy  
25. Rice, Dan  
26. Richter, Stephan  
27. Thaler, Stephen  
28. Wertheim, Mitzi M.  
29. Zabinski, Steve  
30. Zakin, Mitchell

ASU Participants:

31. Birt, Michael  
32. Cortese, Denis  
33. Johnston, Stephen  
34. Ovitt, Kimberly  
35. Panchanathan, Sethuraman  
36. Sarewitz, Daniel

Committee Members:

37. Crow, Michael  
38. Harris, William  
39. Nelson, Alan  
40. Poste, George  
41. Shangraw, R. F

Virginia G. Piper Charitable Trust  
42. Mohraz, Judy

Hotel Amenities and Area Overview:

- Recreational & Entertainment: Hotel Spa  
  - Agave, The Arizona Spa  
  - Spa hours: Facilities: 6:00 AM - 8:00 PM; Treatments: 7:00 AM - 7:30 PM; Salon: 9:00 AM - 6:00 PM Call The Spa: (480) 624-1202
- Hotel Gym 24 Hours (480) 624-1500
- Shopping Just a short and pleasant walk from the resort grounds—or a complimentary shuttle ride away—is the Kierland Commons shopping center (70 popular retailers and eateries)

Kierland Commons Dining

Bar NoRTH P: (480) 948-2055 Bobby’s Restaurant and Jazz Lounge - a Mancuso Restaurant P: (480) 556-0770 Chloe’s Corner P: (480) 998-0202 Cold Stone Creamery P: (480) 951-8533 Greene House, The P: (480) 889-9494 Mastro’s, The Steakhouse P: (480) 951-4440 NoRTH P: (480) 948-2055 P.F. Chang’s China Bistro P: (480) 443-3356 The Cheesecake Factory P: (480) 607-0083 Tommy Bahama’s Restaurant, Bar & Store P: (480) 505-3677 Zinc Bistro P: (480) 603-0922

Local Area Overview

Restaurants
- Zen 32  
- Pink Pepper Thai Cuisine  
- Wrigley Mansion Club  
- Tarbell’s  
- Christopher’s Fermier Brasserie

Attractions
- Symphony Hall and Terrace  
- Desert Botanical Gardens  
- Phoenix Art Museum  
- Historic Heritage Square  
- Heard Museum