

PUBLIC POLICY & NUCLEAR THREATS
2011 SUMMER TRAINING WORKSHOP
 July 31–August 19, 2011 UC San Diego Campus

Program Activities
As of 7/29/11

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| Sunday, July 31 | Welcome |
| All day | Check-in & logistics |
| 6:00 pm | Welcome Dinner at <i>Village at Torrey Pines – 15th Floor</i> |
| Monday, August 1 | Week 1: Nuclear Foundations: Nuclear Bombs, Nuclear Energy & the Study of Politics |
| 9:30 am | Introduction; Political Science vs. Policy - Ambassador Linton Brooks - Robert Brown , IGCC |
| Noon | Lunch |
| 1:30 pm | Nuclear Devices and Effects - Matt Gardner , AWE (U.K.) |
| 3:45-5:00 pm | Campus Tour |
| Tuesday, August 2 | |
| 9:30 am | Nuclear Reactors - Massimiliano Fratoni , Lawrence Livermore National Laboratory |
| Noon | Lunch |
| 1:15 pm | After Fukushima? - Michael May , Stanford University - Matt Gardner , AWE (U.K.) - Massimiliano Fratoni , Lawrence Livermore National Laboratory |
| 3:30 pm | Nuclear Weapons Arsenal - Matt Gardner , AWE (U.K.) |
| Wednesday, August 3 | |
| 9:30 am | Practitioner’s View of US Nuclear Forces: History of Strategy, Delivery Systems - Christopher Diller , USAF - Ambassador Linton Brooks |
| Noon | Lunch |
| 1:30 pm | Nuclear Fuel Cycle - Massimiliano Fratoni , Lawrence Livermore National Laboratory |
| 3:45 pm | Preventing Nuclear Terrorism: One Department’s Strategic Evolution - Bill Hagan , former Acting Director of DNDO |
| Thursday, August 4 | |
| 8:30 am | Field Trip to SDGE San Onofre Nuclear Power Plant Tour |
| Friday, August 5 | |
| 9:30 am | Arms Control Regime - Frank Gavin , University of Texas, Austin |

Noon
 1:30 pm
 3:45 pm

- **Henry Sokolski**, Nonproliferation Policy Education Center
- Lunch
- U.S Nuclear Strategy and NPR
- **Ambassador Linton Brooks**
- NPR
- **Robert Vince**, Office of the Secretary of Defense

Saturday, August 6 *Free Day*

Sunday, August 7 *Free Day*

Monday, August 8 *Week 2: Nuclear Weapons States, Monitoring, and the Nonproliferation Regime*

9:30 am
 Noon
 1:15 pm
 3:00 pm

- International NP Regime and Theory
- **Robert Brown**, IGCC
- **Judith Norton and Allison Shelton**, University of Georgia
- Lunch
- USSR/Russia Nuclear Strategy and Policy
- **Ambassador Linton Brooks**
- **Daniel Goure**, Lexington Institute
- START, SALT, ABM, and New START
- **Jerry Taylor**, US Department of State

Tuesday, August 9

9:30 am
 Noon
 1:15 pm
 2:00 pm
 3:45 pm

- Monitoring: Intelligence & Safeguards
- **Kory Budlong-Sylvester**, Los Alamos National Laboratory
- **Rick Wallace**, Los Alamos National Laboratory
- **Jeff Kaplow**, UCSD
- Lunch
- Radiation Detection Practical
- **Mark Schanfein**, Idaho National Lab
- Implementing and Verifying the Next Treaties
- **Joel Forrester**, PNNL
- **Kory Budlong-Sylvester**, Los Alamos National Laboratory
- **James Doyle**, Los Alamos National Laboratory
- Myanmar and Syria Briefing
- **Robert Kelley**
- **Rick Wallace**, Los Alamos National Laboratory

Wednesday, August 10

9:30 am
 Noon
 1:15 pm
 3:30 pm

- International Safeguards Regime
- **Brian Boyer**, Los Alamos National Laboratory
- **Laura Rockwood**, IAEA
- Lunch at *Café Ventanas*
- Inspection Technologies and Practice
- **Robert Kelley**
- **Mark Schanfein**, Idaho National Lab
- Inside the IOs
- **Robert Kelley**
- **Brian Boyer**, Los Alamos National Laboratory

- **Laura Rockwood**, IAEA

Thursday, August 11

9:30 am Safeguarding the Fuel Cycle
- **Brian Boyer**, Los Alamos National Laboratory
- **Mark Schanfein**, Idaho National Lab
- **Rick Wallace**, Los Alamos National Laboratory

Noon Lunch

1:15 pm Europe/NATO
- **Catherine McArdle Kelleher**, University of Maryland

3:15 pm NNSA Nonproliferation Programs
- **Anne Harrington**, DOE NNSA Deputy Administrator for Defense Nuclear Nonproliferation

Friday, August 12

9:30 am China
- **Michael Chase**, Naval War College
- **Susan Shirk**, IGCC

11:45 am Working lunch: Participant Presentations and Discussions/Lunch in classroom

2:15 pm US Nuclear Navy Field Trips

Saturday, August 13 *Free Day*

Sunday, August 14 *Free Day*

Monday, August 15 *Week 3: New Nuclear Actors, Counterproliferation, and Forensics*

9:30 am Proliferation: Causes
- **Matt Furhmann**, UT Austin
- **Alex Montgomery**, Reed College

Noon Lunch

1:30 pm Proliferation: Strategic Effects
- **Michael Horowitz**, University of Pennsylvania
- **Matt Kroenig**, Georgetown University
- **Eric Gartzke**, UCSD

Tuesday, August 16

9:30 am CTBT Issues
- **Ambassador Linton Brooks**

Noon Lunch at *Café Ventanas*

1:30 pm Domestic Nuclear Detection
- **Mike Carter**, Lawrence Livermore National Laboratory
- **Rob Allen**, Lawrence Livermore National Laboratory

3:45 Nuclear Terrorism
- **John Mueller**, Ohio State University

Wednesday, August 17

9:15 am Nuclear Forensics/Domestic Governance
- **Samantha Kentis**, DHS Domestic Nuclear Detection Office
- **James Blankenship**, FBI Laboratory

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| 11:00 am | Nuclear Forensics |
| | - Pat Grant , Lawrence Livermore National Laboratory |
| | - Ian Hutcheon , Lawrence Livermore National Laboratory |
| 12:30 pm | Working lunch in room |
| 1:15 pm | Domestic Nuclear Response Issues |
| | - Elaine Jennings , State of California Office of Homeland Security |
| | - Ernie Muenchau , DHS Domestic Nuclear Detection Office |
| | - James Blankenship , FBI Laboratory |
| 4:00 pm | Iran |
| | - Jonathan Brewer , United Nations Panel of Experts on Iran |
| | - Mehdi Sarram , Energy Security Consulting Group, LLC |

Thursday, August 18

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| 8:45 am | Discussion |
| 9:30 am | South Asia |
| | - Paul Kapur , CISAC |
| | - Vipin Narang , MIT |
| Noon | Lunch |
| 1:30 pm | Participant Presentation and Discussion |
| 3:45 pm | North Korea |
| | - George Anzelon , Lawrence Livermore National Laboratory |
| | - Steph Haggard , UCSD |
| | - Susan Shirk , IGCC |

Friday, August 19

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| 8:45 am | Nuclear Policy Simulation |
| | - Ambassador Linton Brooks |
| Noon | Working lunch in classroom |
| 1:30 pm | Nuclear Taboo and Abolition |
| | - Thomas Doyle , Denver University |
| | - Dane Swango , UC Los Angeles |
| | - Seth Snider , UC Davis |
| 3:45 pm | Closing Comments and Group Photo |

Saturday, August 20 ***Departure***
