

# 2019 BOOT CAMP

July 28–August 7

# AGENDA



UC INSTITUTE ON GLOBAL  
CONFLICT & COOPERATION  
**PUBLIC POLICY &  
NUCLEAR THREATS**



**iGCC**

UC INSTITUTE ON  
GLOBAL CONFLICT  
AND COOPERATION



**NSSC**<sup>8</sup>  
NUCLEAR SCIENCE and SECURITY CONSORTIUM



**NNSA**  
National Nuclear Security Administration

NEXT GENERATION  
SAFEGUARDS INITIATIVE

# 2019 BOOT CAMP AGENDA

All sessions will take place in the Sanford Consortium Divisible Conference Room, unless otherwise noted.

## SUNDAY, July 28: Welcome

- 3 p.m. Check-in
- 5 p.m. Welcome Dinner and Keynote Address by Sig Hecker [Location: Village 15, Room A]

## MONDAY, July 29: Introduction

- 8 a.m. Welcome and Introductions (Brooks, Goldblum, IGCC Team)
- 8:15 a.m. A Practitioner's Approach to Nuclear Policy (Linton Brooks)
- 9:45 a.m. Break
- 10 a.m. Nuclear Strategy (Brad Roberts)
- 11:30 a.m. Lunch and Learn: Prospects for Renewed Nuclear Cooperation with Russia (Sig Hecker)
- 1 p.m. Nuclear Devices and Effects (John Scott)
- 2:30 p.m. Break
- 3 p.m. Proliferation: Causes and Consequences (Scott Sagan)
- 4:30 p.m. Adjourn

## TUESDAY, July 30: The Cold War Legacy

- 8 a.m. Legacy of the Cold War: Strategy, Policy and Forces (Linton Brooks)
- 9:45 a.m. Break
- 10 a.m. Russia Today (Kristin ven Bruusgaard)
- 11:30 a.m. Lunch at Café Ventanas
- 1 p.m. Nuclear Ban Treaty (Heather Williams)
- 2:30 p.m. Break
- 3 p.m. Current U.S. Nuclear Security Policy and Extended Deterrence (Elaine Bunn)
- 4:30 p.m. Adjourn
- 7 p.m. Nuclear Jeopardy [Location: Village 15, Rooms 2A-2B]

## WEDNESDAY, July 31: Nuclear Energy, Security and Legal Infrastructure

Location: Village 15, Rooms 2A-2B

- 8:15 a.m. National Security Implications of the Emerging Threat Environment (Rebecca Hersman)
- 9:45 a.m. Break
- 10 a.m. Reconciling Nuclear Deterrence and the Law of Armed Conflict (Panel: Newell Highsmith and Nina Tannenwald)
- 11:30 a.m. Lunch and Learn: Uses of Intelligence (John Lauder)
- 1 p.m. Arms Control (Linton Brooks)
- 2:30 p.m. Break
- 3 p.m. International Nuclear Security (Will Tobey)
- 4:30 p.m. Adjourn

## **THURSDAY, Aug. 1: Command and Control, Posture and Cross-Domain**

- 8:15 a.m. U.S. Nuclear Command and Control (General Robert Wheeler)
- 9:45 a.m. Break
- 10 a.m. Trump Nuclear Posture Review (Greg Weaver)
- 11:30 a.m. Group Photo and Lunch at Café Ventanas
- 1 p.m. The Impact of Cyber Technology on Nuclear Deterrence (Herb Lin)
- 2:30 p.m. Break
- 3 p.m. Overview of the Nuclear Fuel Cycle (Max Fratoni)
- 4:30 p.m. Adjourn
- 7 p.m. Film Screening of "Command and Control"

**[Location: GPS Robinson Auditorium]**

## **FRIDAY, Aug. 2: International Safeguards**

- 8:15 a.m. The International Nuclear Nonproliferation Regime (Laura Rockwood)
- 9:45 a.m. Break
- 10:00 a.m. State-Level Safeguards Approach (Olli Heinonen)
- 11:30 a.m. Lunch at Café Ventanas
- 1 p.m. Nuclear Terrorism (Rolf Mowatt-Larssen)
- 2:30 p.m. Break
- 3 p.m. Science-based Stockpile Stewardship (Marv Adams)
- 4:30 p.m. Adjourn

## **SATURDAY, Aug. 3: FREE DAY**

## **SUNDAY, Aug. 4: Nuclear Risks and Responses**

- 8:15 a.m. Ballistic Missile Defense (Dean Wilkening)
- 9:45 a.m. Break
- 10 a.m. Nuclear Forensics (Panel: Kim Knight & Kevin Swearingen)
- 11:30 a.m. Lunch at Café Ventanas

**Location: Village 15, Rooms 2A-2B**

- 1 p.m. IAEA Fuel Cycle Verification & Monitoring – Lecture (Mark Schanfein)
- 2:30 p.m. Break
- 3 p.m. IAEA Fuel Cycle Verification & Monitoring – Hands-on (Mark Schanfein)
- 4:30 p.m. Adjourn

## MONDAY, Aug. 5: Field Trip

- 9 a.m. San Diego Maritime Museum Submarine Tour
- 12 p.m. Lunch at Puesto at the Headquarters
- 3 p.m. Nuclear Testing (Linton Brooks) **[GPS Room 3201]**
- 6:30 p.m. Film Screening of "Dr. Strangelove" **[Location: GPS Robinson Auditorium]**

## TUESDAY, Aug. 6: World Nuclear Forces

- 8:15 a.m. China (Chris Twomey)
- 9:45 a.m. Break
- 10 a.m. India and Pakistan (Toby Dalton)
- 11:30 a.m. Lunch and Learn: Experimental Wargaming (Andrew Reddie)
- 1 p.m. North Korea (John Warden)
- 2:30 p.m. Break
- 3 p.m. Iran (Panel: Richard Nephew and Matt Kroenig)
- 4:30 p.m. Adjourn

## WEDNESDAY, Aug. 7: Wrap-Up

**Location: Village 15, Rooms 2A-2B**

- 8:30 a.m. Nuclear Forces Panel (Panel: Sheryl Hingorani, Linton Brooks, Joe Cirincione)
- 11 a.m. Simulation Pre-brief (Linton Brooks)
- 11:30 a.m. Lunch at Café Ventanas
- 1 p.m. Simulation (Linton Brooks, Joe Pilat, Bethany Goldblum) **[Location: Rooms 2A-C and 15C]**
- 2:30 p.m. Break
- 4 p.m. Group Presentations
- 5:15 p.m. Closing Reception **[Location: Bella Vista Social Club Terrace]**