



Schedule

Note - schedule is subject to change.

Sessions will be held in Bechtel Engineering Center on the UC Berkeley Campus, unless otherwise noted. Breakfasts and dinners will be in the Foothill Dining Hall. Lunches and sessions will be held in Bechtel Engineering Center on the UC Berkeley Campus, unless otherwise noted. A map of the building is provided in the Google Drive. For more information about the sessions and the speakers, please see the “Session Descriptions” and “Speaker Bios” documents in the Google Drive.

Week One

Saturday, July 15th Group dinner at Foothill Dining Commons

Sunday, July 16th

11:30AM Outing and Team Building - *Milos Atz*
Meet outside of Etcheverry Hall at 11:30 to pick up boxed lunches

6:30 PM Dinner shift at Foothill Dining Commons

Monday, July 17th

9:00 - 9:30 AM Introduction and set context of course - *Rachel Slaybaugh, UCB*

9:30 - 10:30 AM Venture Fundamentals - *Pete Moran, DCM Ventures*

10:30 - 10:45 AM Break

10:45 - 11:30 AM Societal Impacts - *Bruce Pittman, NASA*

11:30 AM - 12:15 PM How to Captivate Any Audience - *Antoine de Morree, Stanford*

12:15 - 1:00 PM Lunch

1:00 - 2:30 PM Company Contexts - Panel
Alex Cheung, TriAlpha; David Hill, Terrestrial Energy; Mike Kurzeja, Exelon; Chris Comfort, Southern Company; Moderated by Rachel Slaybaugh, UCB

2:30 - 2:45 PM Break

2:45 - 4:15 PM Cross Cutting Needs in Energy Systems - Panel
Jonathan Burbaum, Amfora; Ron King, EPRI; Joe Kowalczyk, Southern Company; Ravi Prasher, LBNL; Moderated by Sama Bilbao y Leon, VCU

4:15 - 6:00 PM Group Project Discussion Time - *Module Introductions*

6:30 - 8:30 PM Dinner - *David Hill, Terrestrial Energy - Jupiter Berkeley*




Tuesday, July 18th

9:00 - 10:00 AM	Group Selection
10:00 - 10:15 AM	Break
10:15 AM - 12:00 PM	What is Innovation? <i>Lucas McCann, Jump Associates; David Kramer, Blach Construction; TBD; Moderated by Sama Bilbao y Leon and Ken Kahn, VCU</i>
12:00 - 1:00 PM	Lunch
1:00 - 3:00 PM	Innovation DNA - <i>Moderated by Sama Bilbao y Leon & Ken Kahn, VCU</i>
3:00 - 3:15 PM	Break
3:15 - 5:00 PM	Group Creativity/Innovation Activities (Problem-solving Exercises) <i>Moderated by Sama Bilbao y Leon & Ken Kahn, VCU</i>
5:00 - 6:00 PM	Team Building Exercise: Defining Team Values - <i>Sara Harmon, UCB</i>

Wednesday, July 19th

9:00 - 10:30 AM	Key Concepts in Product Development I - <i>Sama Bilbao y Leon & Ken Kahn, VCU</i>
10:30 - 10:45 AM	Break
10:45 AM - 12:00 PM	Key Concepts in Product Development II - <i>Sama Bilbao y Leon & Ken Kahn, VCU</i>
12:00 - 1:00 PM	Lunch
1:00 - 2:15 PM	Branding and Strategic Communication - <i>Caley Cantrell, VCU Brandcenter</i>
2:15 - 2:30 PM	Break
2:30 - 3:45 PM	Going from a Good Idea to a Great Product - <i>Paul Lorenzini, NuScale</i>
3:45 - 4:00 PM	Break
4:00 - 5:00 PM	Group Meetings - <i>Moderated by Sama Bilbao y Leon & Ken Kahn, VCU</i>
5:00 - 5:10 PM	Break
5:10 - 6:00 PM	Group Presentations - <i>Moderated by Sama Bilbao y Leon & Ken Kahn, VCU</i>




Thursday, July 20th

9:00 - 9:30 AM	Module Overview: Learning Objectives - <i>Koroush Shirvan, MIT</i>
9:30 - 10:45 AM	Overview of Nuclear Energy and Engineering - <i>Koroush Shirvan, MIT</i>
10:45 - 11:00 AM	Break
11:00 AM - 12:30 PM	Radiation Interactions with Materials - <i>Peter Hosemann, UCB</i>
12:30 - 1:30 PM	Lunch Team Building Exercise: Labeling and Team Behavior - <i>Sara Harmon, UCB</i>
1:30 - 3:00 PM	Integration of Safety Culture in Design - <i>Phil Hildebrandt, INL</i>
3:00 - 3:15 PM	Break
3:15 - 4:45 PM	Integration of Operation in Design - <i>Phil Hildebrandt, INL</i>
5:30 - 7:00 PM	Happy Hour with NASA - <i>Bruce Pittman & Dan Rasky, NASA [optional]</i> LaVals's: 1834 Euclid Ave, Berkeley, CA 94709

Friday, July 21st

9:00 - 10:00 AM	Nuclear Power Plant Economics - <i>Lara Pierpoint, Exelon</i>
10:00 - 11:00 AM	Advanced Nuclear Fuels and Materials - <i>Adrien Couet, UW-Madison</i>
11:00 - 11:15 AM	Break
11:15 AM-12:30 PM	Advanced Reactor Designs - <i>Nicholas Brown, PSU; Florent Heidet, ANL</i>
Beginning with lunch, the afternoon sessions on this day will take place in 3110 Etcheverry	
12:30 - 1:30 PM	Lunch
1:30 - 2:30 PM	Hybrid Energy Systems - <i>Josh Walter, TerraPower</i>
2:30 - 3:30 PM	Advanced Technology Session - <i>Ron King, EPRI</i>
3:30 - 3:45 PM	Break
3:45 - 4:15 PM	Advanced Modeling & Simulation - <i>Max Fratoni, UCB</i>
4:15 - 4:30 PM	Module Takeaways: Wrap-up - <i>Koroush Shirvan, MIT</i>
4:30 - 5:30 PM	Team Building Exercise: Team Member Concerns - <i>Sara Harmon, UCB</i>



Saturday, July 22nd

10:00 AM - 7:00 PM Hiking (Mt. Tamalpais) and beach (Stinson Beach); possibly dinner at In 'n Out - *Milos Atz and UCB Grad Students*; meet at Etcheverry Hall for pick up *[optional]*

Sunday, July 23rd

10:00 - 11:00 AM Team Building Exercise: Team Scavenger Hunt - *Sara Harmon, UCB* - meet outside of cafeteria entrance *[optional]*

11:00 - 11:45AM Lunch Dining Shift

4:30 - 6:30 PM Mothers for Nuclear Pre-mixer - Sam's Cable Car Lounge *[optional]*
(222 Powell St, San Francisco, CA 94102)

5:00 - 5:45 PM Dinner Dining Shift

6:45 - 8:00 PM Women in Nuclear Mixer - Union Square Hilton *[optional]*
(333 O'Farrell St, San Francisco, CA 94102)

Week Two

Monday, July 24th

9:00 - 10:30 AM Navigating Licensing and Legal Issues in Nuclear I - *Stephan Burdick & Alex Polonsky, Morgan Lewis*

10:30 - 10:45 AM Break

10:45 AM - 12:15 PM Navigating Licensing and Legal Issues in Nuclear II - *Stephan Burdick & Alex Polonsky, Morgan Lewis*

12:15 - 1:15 PM Lunch

1:15 - 2:45 PM International Trade and Civil Nuclear Energy: Status of International Agreements and Top Markets for Nuclear Export - *Tyson Smith, Winston & Strawn*

2:45 - 3:15 PM Break

3:15 - 3:45 PM Q&A: From 2016 Bootcamp to Incubator - *Ian Hamilton, Chain Reaction Innovations*

4:45 PM Depart Garborini Lounge for the stadium

5:00 - 6:00 PM Tour of Cal Stadium *[optional]*

6:15 - 7:00 PM Pizza and Salad Dinner with Oklo in Etcheverry Hall




Tuesday, July 25th

- 9:00 - 9:50 AM Global Trends and Drivers - *Pavel Tsvetkov, TAMU*
- 9:50 - 10:00 AM Break
- 10:00 - 11:00 AM What is the Market for the Nuclear Industry? - *Adrienne Little, GoogleX;*
Beth Zotter, Cyclotron Road
- 11:00AM - 12:00PM Group Meetings
- 12:00 - 1:00 PM Lunch
- 1:00 - 3:00 PM Training Workshop on Venture Financing Terms and Processes - *Adam Sterling,*
UCB Law School
- 3:00 - 3:15 PM Break
- 3:15 - 5:15 PM Modeling the Economics of Early Stage Finance - *Adam Sterling, UCB Law*
School
- 5:15 - 6:15 PM Group Meetings

Wednesday, July 26th

- 9:00 - 10:30 AM Development Drivers and Instruments: What Makes a Long-Term Success?
Pavel Tsvetkov, TAMU
- 10:30AM - 12:00PM Group Meetings
- 12:00 - 1:15 PM Lunch
- 1:15 - 1:30 PM Module Overview: Learning Objectives - *Adrien Couet, UW-Madison*
- 1:30 - 2:30 PM Small Start-up Incubators: From an Idea to a Technology - *John Carlisle, Chain*
Reaction Innovations
- 2:30 - 3:30 PM GAIN Initiative: Moving Innovative Nuclear Energy Technologies Toward
Commercialization - *Rita Baranwal, INL*
- 3:30 - 3:45 PM Break
- 3:45 - 4:45 PM Towards Technology Demonstration & Commercialization - *Jose Reyes, NuScale*
- 4:45 - 6:00 PM Group Meeting Time
- 7:00 - 9:00 PM Environmental Progress happy hour - *Eric Meyer, Generation Atomic [optional]*
EP HQ: 2569 Telegraph Ave



Thursday, July 27th


- 9:00 - 10:00 AM Overview and Examples on Communication & Entrepreneurship in the Nuclear Industry - *Todd Allen, UW-Madison*
- 10:00AM - 12:30PM The Science of Communication of Science from Academics to General Public - *Dietram Scheufele, UW-Madison*
- 12:30 - 2:00 PM Lunch and Activity - *Dietram Scheufele, UW-Madison*
- 2:00 - 4:00 PM Roundtable and Q&A: What are the Resources Available to Entrepreneurs at the Policy/Decision Making Level - *Alison Hahn, DOE; Carol Berrigan, NEI; Spencer Nelson, ClearPath Foundation; Craig Piercy, ANS; Moderated by Todd Allen, UW-Madison*
- 4:00 - 5:30 PM Business Pitch Presentation - *Dietram Scheufele, Adrien Couet, UW - Madison*
- 5:30 - 7:00 PM Happy Hour with Cyclotron Road [optional]
Daily Pint: 1834 Euclid Ave, Berkeley, CA 94709

Friday, July 28th

- 9:00 - 10:30 AM Starting a Company - Panel
Mike Laufer, Kairos Power; Dan Recht, OtherLab; Sam Shaner, Yellowstone; Matt Thompson, TriAlpha; Moderated by Milos Atz, UCB
- 10:30 - 10:45 AM Break
- 10:45 - 11:45 AM What a Law Firm Will Do for You - *John Park, Morgan Lewis*
- 11:45AM - 12:45PM Lunch
- 12:45 - 1:45 PM Opportunities at an Incubator or Accelerator -- Panel
Marilyn Waite, Village Capital; Aries Loumis, Lumos; Kat Manalac, YCombinator; Beth Zotter, Cyclotron Road; Moderated by Sebastien Lounis, Cyclotron Road
- 1:45 - 3:00 PM Final Group Meetings

Banatao Auditorium, Sutardja Dai Hall

- 3:00 - 3:25 PM Welcome and Virtual Address by Jeffrey Sachs
Tsu-Jae King Liu, UCB; Rachel Slaybaugh, UCB; Jeffrey Sachs, Columbia; Moderated by Kathy Shield, UCB
- 3:25 - 4:15 PM Design Team Pitches - *Judged by Alan Bolind & Lee Flemming, UCB; Lindsay Miller, Alphabet Energy; Dipender Saluja, Capricorn Investments; Brad Zamft, TL Biolabs; Moderated by Kathy Shield, UCB*
- 4:15 - 4:35 PM Keynote Speech by Arun Majumdar with Q&A - *Arun Majumdar, Stanford; Moderated by Kathy Shield, UCB*



4:35 - 4:55 PM

Q&A with Tomorrow Today Innovators - *Moderated by Kathy Shield, UCB*

4:55 - 5:00 PM

Presentation of Awards - *Brad Zamft, TL Biolabs*

5:30 - 7:00 PM

Closing Reception - Moore Lobby - Hearst Memorial Mining Building

