

## Appendix C

### **Astronauts in Training Programs and Lunar Mission Simulations Developed with LPI Support**

#### *Astronauts involved in lunar mission simulations (NASA)*

##### Geologic Traverse and Station Activities

- Mike Gernhardt & Rex Walheim (BPLF 2008)
- Mike Gernhardt, Drew Feustel, & Andy Thomas (BPLF 2009)
- Mike Gernhardt, Stan Love, & Stephanie Wilson (BPLF, SP Crater, & Colton Crater 2010)

#### *Astronauts involved in NEA mission simulations (NASA)*

##### EVA and station activities

- Robert Behnken, Kjell Lindgren, & Megan McArthur (BPLF 2011)

##### Mission Control Center (CAPCOM and Science Team)

- Stan Love (JSC Bldg 30 2011)

Note: LPI's Kring was the SciLead in the Mission Control Center during this simulation. One of the planetary scientists, Jessica Watkins, trained to work a crew camera console in the MCC, was later selected for the 2017 class of astronauts.

#### *Training the 2009 class of astronauts (NASA, CSA, and JAXA)*

##### LPI Classroom & Laboratory Exercises, Meteor Crater Field Class with Simulated Mission Traverse, and San Francisco Volcanic Field Class with Sampling Exercise

- Serena Aunon – NASA
- Jeanette Epps – NASA
- Jack Fischer – NASA
- Jeremy Hansen – CSA
- Michael Hopkins – NASA
- Norishige Kanai – JAXA
- Kjell Lindgren – NASA
- Takuya Onishi – JAXA
- Kathleen Rubins – NASA
- David Saint-Jacques – CSA
- Scott Tingle – NASA
- Mark Vande Hei – NASA
- Gregory Wiseman – NASA
- Kimiya Yui – JAXA

#### *Training senior astronauts in 2012 (NASA)*

##### Mogollon Rim & Verde Valley Field Class, Meteor Crater Field Class with Simulated Mission Traverse, and San Francisco Volcanic Field Geologic Mapping Exercises

- Randy Bresnik – NASA
- Alvin Drew – NASA
- Tracy Caldwell Dyson – NASA

- Michael Foale – NASA

*Training the 2013 class of astronauts (NASA)*

LPI Classroom & Laboratory Exercises; Rio Grande Gorge Field Class

- Josh Cassada – NASA
- Victor Glover – NASA
- Tyler Hague – NASA
- Christina Hammock – NASA
- Nicole Aunapu Mann – NASA
- Anne McClain – NASA
- Jessica Meir – NASA
- Andrew Morgan – NASA

*Training the 2017 class of astronauts (NASA & CSA)*

Meteor Crater Field Class with Simulated Mission Traverse

- Kayla Barron – NASA
- Zena Cardman – NASA
- Raja Chari – NASA
- Matthew Dominick – NASA
- Bob Hines – NASA
- Warren “Woody” Hoburg – NASA
- Jonny Kim – NASA
- Robb Kulin – NASA
- Joshua Kutryk – CSA
- Jennifer Anne MacKinnon – CSA
- Jasmin Moghbeli – NASA
- Loral O’Hara – NASA
- Francisco “Frank” Rubio – NASA
- Jessica Watkins – NASA

*Training the 2021 class of astronauts (NASA & UAE)*

Meteor Crater Field Class with Simulated Mission Traverse

- Nora Al Matrooshi – United Arab Emirates
- Mohammad Al Mulla – United Arab Emirates
- Nichole Ayers - NASA
- Christopher Williams - NASA
- Luke Delaney - NASA
- Jessica Wittner - NASA
- Anil Menon - NASA
- Marcos Berríos - NASA
- Jack Hathaway - NASA
- Christina Birch - NASA
- Deniz Burnham - NASA
- Andre Douglas - NASA