



# space odyssey

## 07.17.15 volunteer update

[Click here to visit the Space Odyssey MGG Portal](#)

[Click here for the latest space news update on the MGG Portal](#)

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## space odyssey news

### **KUDOS TO THE SCIENCE LOUNGE HELPERS**

Thanks a ton to everyone who helped out at last night's Science Lounge commemorating New Horizon's historic flight to Pluto and beyond! Everyone did a tremendous job hosting about 600 museum guests both in Space Odyssey, in the Science Atrium and up on the Sky Terrace at the telescopes. Thank you!

### **PLUTO PLUTO PLUTO**

We've had a an amazing few days in SO learning about the revelations of Pluto and its kin from the New Horizon's team. Thanks a ton as well to our teen science scholars, Rebecca and Michael as well as Steve and Dimitri, for their wonderful presentations. And thanks to everyone in SO who helped spread the word to our guests about all of the exciting information around this mission. And at a 2-3 kbps transmission rate, there will be more to

come! We are still waiting on higher-res pics of Pluto for the SOS. And in the coming months, we will be changing the Pluto picture on the "planet wall" by the Space Screen as well.

### **NEW PRESENTATION ON THE PORTAL**

Thanks to Mike Snodgrass in the Newsroom, we now have a new presentation about [reuseable rockets on the Portal](#). [Click here to view it](#). Mike's presentations are comprehensive and provide a wealth of information, so please take a look if you're interested.

### **TELESCOPE MOON FILTER REPLACED**

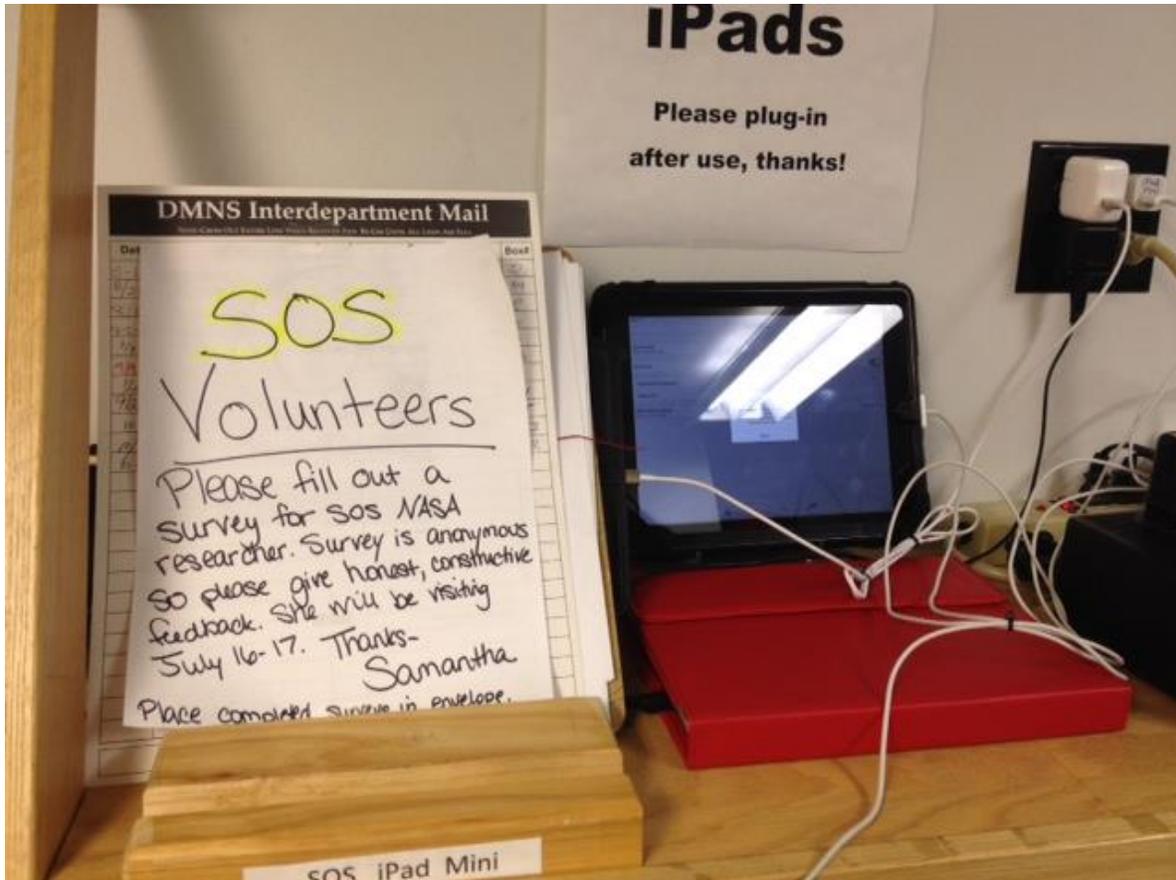
Thanks to Naomi Pequette for purchasing a new moon filter! It should make its way up to the Sky Terrace storage shortly. Please treat it with care.

### **MARS LANDING GAME**

The game seems to be working fine. Please note one important point when using this game: When you're done facilitating the game, please leave the game on, but turn off the screen using the power button located behind the lower right corner of the screen itself. To turn off the screen, push that button in, and a short menu will appear on the screen. Toggle the button down (it's like a joystick) and select the power function, push the button in to turn the screen off. If we turn the game off, we have to call a technician so they can climb up into the ceiling to restart it. Otherwise, if you encounter problems with the game, please use the phone in the SO Storage Room to call Tech and let them know. Let me know if you have any questions about any of above. Thank you!

### **NASA WANTS YOUR FEEDBACK ABOUT SOS PROGRAMS**

Stephanie Schollaert-Uz from UMD and NASA visited us this week to learn more about how we use our SOS and engage in some conversations with our volunteers and staff around our SOS. As part of her trip, she wants feedback from you all about your experience using the Climate Bits datasets on the SOS. If you aren't familiar with Climate Bits, you can see a playlist by the same name on the playlist page. If you'd like to provide feedback to her, fill out one of the survey forms in the SO Storage room and place it in the big envelope provided. Thanks to everyone who came out to see her presentation today too! See the pic below to learn where the surveys are located.



## **COOL STUFF ON THE WEB**

[Great Pluto-centric acapella tune](#)

[ISS Transits Moon](#)

## **SCFD COMMUNITY FREE DAY CALENDAR**

The Museum is offering 12 Community Free Days in 2015, made possible by the Scientific & Cultural Facilities District. As part of the Museum's agreement to receive funds from SCFD, which account for a significant portion of the Museum's operating budget, the Museum offers "community free days" throughout the year to allow those who can't afford admission the privilege to visit DMNS. Below are the dates for the 2015 free days. To learn more about SCFD, [click here](#).

- Sunday, July 26
- Monday, August 17
- Sunday, September 27
- Monday, October 19
- Monday, November 9

# trainings and meetings

## **MISCONCEPTIONS IN ASTRONOMY TRAINING**

**Monday July 20**

**6:30 PM to 8 PM**

**Food and drink provided**

**RSVP to Dave Blumenstock**

As you may know, our guests and the public at large, may have misconceptions about the workings of celestial mechanics such as the changing seasons. Dr. Ka Chun Yu, Curator of Space Science DMNS, will be presenting this evening. For many years, he has been researching how people learn and conceive of astronomical concepts and we hope this training will help you understand where our guests are coming from as well as some common misconceptions held by the public.

## **NOAA SOS EDUCATION FORUM WEBINAR**

**July 22**

**1 PM**

**Space Odyssey Briefing Room**

**RSVP to Dave Blumenstock to attend here at DMNS.**

SOS intern Joe Lilek will be featured in a webinar showcasing live programs. With the introduction of the presenter notes feature on the iPad app, live programs are easier than ever to use, especially since Joe has been busy converting the scripts for many of the existing live programs to presenter notes on the iPad. Joe will describe three new live programs that he created, which incorporate interactive elements. This is also an opportunity for SOS sites to share about their own live programs and their strategies for audience engagement.

Joe's three new programs will be made available on the SOS website following the webinar:

1) Mitigation or Adaptation: You Decide - Following a broad overview of climate change, audience members are presented with realistic scenarios from around the world: Should we build a resort hotel in Miami Beach? How do we address air pollution in Beijing? How do we feel about longer growing seasons in Greenland? Audience members use clickers to vote on a course of action and the results give a launching point for discussion.

2) Deciphering Uncertainty in a Changing Climate - This live program explains the three types of scientific uncertainty: natural variability, model uncertainty, and scenario uncertainty. To better understand the difficulty that comes with communicating uncertainty, audience members play an estimation game to guess the precise percentage of likelihood that corresponds to phrases used in the Intergovernmental Panel on Climate Change (IPCC) "very likely" and "virtually certain."

3) Seeking Common Ground on Climate - This live program explores resources that are shared by everyone on Earth and why international cooperation is vital to confronting

climate change. Shared resources are discussed in the context of "the Tragedy of the Commons" and a mock debate between audience members is facilitated to internalize the difficulty and complexity of international climate negotiations.

## space science lectures & events

### SUMMER SCI-FI FILM SERIES

[Click here to learn more and buy tickets.](#)

#### **60 MINUTES IN SPACE**

**Wednesday July 29**

**7 PM**

**Gates Planetarium**

**FREE**

Go "behind the stories" in space science using the best images and animation available to help understand new developments. Seating is limited to first come, first served. Please use the Evening entrance on the west side of the Museum.

#### **What Is Relativity? Einstein's Ideas and Why They Matter**

**Thursday August 27**

**7 PM**

**Ricketson Auditorium**

**\$8 Member/\$10 Non-member**

As best-selling author and astrophysicist Jeffrey Bennett points out on the very first page of *What Is Relativity?*, the truth is that black holes don't suck. Bennett begins his accessible and entertaining introduction to Einstein's theories by taking you on an imaginary journey to a black hole and describing the amazing phenomena that you would really experience on that trip. For Einstein and our understanding of the modern world, it's all relative! Get an in-depth look at how the theory of relativity shapes much of our contemporary relationship to the universe. A book sale and signing will follow the program. [Click here to learn more and to register.](#)

### **RESERVATION INFO**

Volunteers have the opportunity to attend most After Hours programs priced at the \$8 member/ \$10 nonmember rate for free on a space-available basis! Volunteers always receive the member rate for all other Adult Programs. As of May 12, please call Guest Services at 303.370.6000 to make a reservation.

Guest Services is open daily, 9:00 - 5:00 p.m.

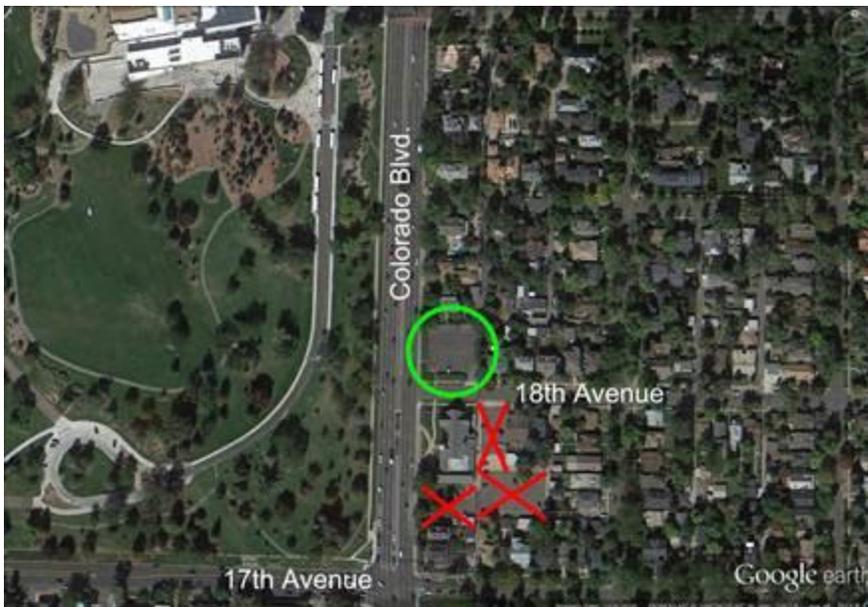
Admission to 60 Minutes in Space is free and is on a first come, first seated basis.

On the evening of the program, please enter through the same entrance as our guests and pick up your ticket from the will-call cashier. Thank you for your ongoing support and enthusiasm for Adult Programs!

# **museum news and events**

## **NEW SUMMER PARKING OPTION CLOSER TO DMNS**

Another off-site parking option is now available Monday through Friday for the remainder of the summer. There are now approximately 30 spots available at the corner of 18<sup>th</sup> and Colorado Blvd in the north lot of the Messiah Lutheran Church (see below in green circle). You can enter this lot from 18<sup>th</sup> Avenue then there is a staircase to get down to Colorado Blvd. It's a two block walk to the light at Montview. It's perfect for those who wanted to use the shuttle but maybe work outside of typical business hours or those who don't mind a short walk but need their car more accessible. Please do not park in the main lot behind the church on the south side of 19<sup>th</sup>.



## **PARKING LOT WORK MONDAY MORNING**

On the morning of Monday 7/20/15 we will have a drill rig and support vehicle working adjacent to the north parking entrance arch. Traffic into the parking lots and garage will not be impacted, however please be aware that heavy equipment will be in operation so please be cautious when driving in. The work will begin at 7am and should be wrapped up by 10am. Please advise those not on email, and let myself or Building Ops know if you have any additional questions or concerns.

## **ARCHAEOLOGY OF THE UNDOCUMENTED**

**Thursday, September 3**

**7 PM**

**\$8 Member/\$10 Non-member**

The U.S.-Mexico border is in the news and the subject of great, and at times heated, debate.

What is largely lost in the headlines is a vital long-term, nuanced understanding of the modern immigrant experience. Jason De León is assistant professor of anthropology at the University of Michigan and director of the Undocumented Migration Project. For the past five years, De León has used path-breaking forensic, archaeological, and ethnographic research to examine the trek north through harsh desert, putting a human face on the real life and death struggles of migrants. Hear tragic and exhilarating stories as narrated by De León's compelling research from one of the most significant, dangerous, and clandestine places in the world. This is the inaugural talk for the George McJunkin Lecture, recognizing the African American cowboy who discovered bison bones in Folsom, New Mexico, that eventually made archaeological history.

Image copyright Michael Wells. [Click here to register.](#)

## **MUSEUM LECTURE AND PROGRAMMING INFORMATION**

[Click here for Evening Lectures](#)

[Click here for Gates Planetarium Daily Show Schedule](#)

[Click here for Museum IMAX information](#)

## **volunteer enrichment committee**

**Click here for more information about VEC events:**

<http://volunteers.dmns.org/events/>

**Or see the bulletin board in the Volunteer Lounge for more info.**

### **Dave Blumenstock**

Coordinator of Volunteers for Space Science

Denver Museum of Nature & Science

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Join the Museum's Online Community

[www.dmns.org](http://www.dmns.org)