



# space odyssey

## 04.27.15 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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[Storytelling with Uniview](#)

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## space odyssey news

### KUDOS

Thank you so much to everyone who is helping out tomorrow for the Dia del Nino Free Day! And thanks to Cathy Westbury and Tom Rudman for helping out at the MCA Myopia event this Saturday by providing them with night-sky viewing activities!

### FREE DAY SATURDAY APRIL 25: DIA DEL NINO

If you are able to help out tomorrow, Saturday April 25, we will gratefully accept you! It could be a very busy and fun day here at DMNS, [click here to learn about all the activities planned](#). Knowing that, please do what you can to take alternate transport to DMNS if you're volunteering tomorrow, this includes carpooling. If you have to drive, we'll have the following options available tomorrow for parking:

- We have reserved the north parking lot of the Messiah Lutheran Church for Saturday, located across the street on the NE corner of 18<sup>th</sup> and Colorado Blvd. There are about 40 spaces in this lot so it won't accommodate everyone, but let's fill it up. However, we do not have the main parking lot behind the church

south of 18<sup>th</sup>, so please do not park in the larger lot.

- East High School - There is plenty of parking here but please note there is also a race in the Park that morning so some spots will be used by race participants. And though there will be a shuttle from this lot for guests (arranged and managed by DPS), it doesn't start until after 9am, so if you park there early you should plan on walking to the Museum. It is about a 25 minute walk to the Museum from the East High lot.
- Please do not park in the neighborhoods. Though guests sometimes do, and we can't control that, the neighbors know when it's staff that's parking in front of their house and we will hear about it.

Thank you for helping out!

### **PLEASE SIGN CARD FOR BOB PURVIS**

I have very sad news to report: Bob Purvis, on the Monday AM SO team, has inoperable pancreatic cancer.

If you'd like to send him your well-wishes, head to the white round table by my office and you'll see that Larry Stearns, from the same team, has printed one of his photos on which you can sign your name and/or leave a message to him along the picture border. I'll also leave some cards there too so you can send a longer message to Bob as well.

Please share this message with anyone, staff or volunteer, you think knows the Purvis's. The more the better, as they'd welcome the support.

Bob, and his wife Judy are wonderful people and have been with us since Space Odyssey opened in 2003 and they both love it. And Bob has a wonderful attitude about his situation which is really remarkable.

Thank you!

### **SOS UPDATE UPDATE**

Just this past Thursday, NOAA personnel were on hand to work with our Tech staff to install cameras at all four SOS projectors to add the [auto-align functionality as part of the v.4.3 software update](#). NOAA chose our SOS system to be the test site for this auto-align feature, pretty cool eh? Auto-align is supposed to allow technicians the ability to align the sphere images automatically vs the manual method which should make SOS operations more efficient. And if you haven't tried it out yet, the new SOS software has wonderful capabilities including a reorganized dataset catalog that enables much easier and intuitive searches for all levels of SOS users. To learn how to use the new system, I recommend watching this training video:

<http://youtu.be/OLUtRuOLCxw>

And if you want to try out the new search capabilities at home, simply go to the SOS website and look at the dataset page. This page works almost exactly like the iPad check it out: <http://sos.noaa.gov/Datasets/list.php>

### **HELP NEEDED: NEW MEMBER NIGHT MAY 14**

This should be a very fun night. We'll probably have around 1000 or so new museum members attending. Briefing time is at 5 pm typically and the event lasts until 9 pm or so. If you'd like to help in Space Odyssey or with telescopes up on the Sky Terrace, please let me know. Thanks!

### **ORBITS TABLE UPDATE**

You asked for it, you got it: Look for internet access coming to the Orbits Table. This will allow for increased capability for high-resolution datasets in Uniview as well as ease of showcasing related mission imagery, etc. Will have more updates about exactly when this will occur, but looking at sometime in May. Also, we'll be installing a new graphics card in the Orbits computer to help it cope with Uniview 2.0. Questions? Let me know.

### **UNIVIEW 2.0 MANUAL AVAILABLE ON PORTAL**

The Uniview 2.0 manual is available for your viewing pleasure on the Orbits Table page of the Portal, look under Orbits Explorer

Training: <http://spaceodyssey.dmns.org/exhibitsprograms/interactives-exhibits/orbits-explorer.aspx>

And remember, Greg Mancari has set-up a computer in the Briefing Room--at a desk in the back of the room, with Uniview 2.0 so you can go downstairs and practice on it whenever you like. We'll be offering another Uniview 2.0 training in a few weeks. **Please remember that we'll be switching to Uniview 2.0 on May 1.** Questions? Let me know.

### **EARTH GLOBE FOR MOON PHASES IS BACK**

The Earth Globe's base has been changed to allow for ease of set-up. Please let me know what you think.

### **PLEASE SIGN UNIFORM FOR EDDIE G**

As a special present to Eddie Goldstein, former Senior Space Science Educator, we'd like to give him one of the old MGG uniforms signed with your respective autographs. I know there are a lot of you, but the more signatures the better. I've left the uniform on my office desk with pens provided. The uniform will remain there thru next Friday, May 1. Please sign it when you're able. Thank you!

### **RECENTLY ADDED SCIENCE ON A SPHERE DATASETS**

<http://sos.noaa.gov/Datasets/list.php?category=All&type=&sort=DateAdded&order=DESC>

Our system is updated by NOAA with the latest, greatest stuff every Monday for your viewing pleasure, though occasionally, the latest datasets aren't available right away. If you encounter an issue, let me know.

### **NASA CLIMATE UPDATE**

<http://climate.nasa.gov/news/>

### **THIS WEEK'S COOL STUFF ON THE WEB:**

Colorado stratigraphy site...

<http://coloradostratigraphy.com/index.html>

SpaceX news about booster landing...

<http://www.space.com/29196-spacex-reusable-rocket-crash-throttle-valve.html>

### **DMNS CAMP-IN SCHEDULE**

Upcoming camp-in dates include:

- April 30-May 1, (Thurs-Fri)
- May 7-8, (Thurs-Fri)
- May 13-14, (Wed-Thurs)
- May 15-16, (Fri-Sat)

What's a Camp-In you ask? Check it out:

<http://www.dmns.org/teachers/events-programs/camp-ins/>

### **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](#).

- Saturday, April 25 (Día del Niño)
- Sunday, May 31
- Monday, June 29
- Sunday, July 26
- Monday, August 17
- Sunday, September 27
- Monday, October 19
- Monday, November 9

## **trainings and meetings**

### **SCIENCE ON A SPHERE USER GROUP MEETING**

**Monday May 4**

**4:30 to 6:00 PM**

**RSVP to Kim Grogan at [collingsgrogan@me.com](mailto:collingsgrogan@me.com)**

**We'll meet in the SO Briefing Room at 4:30.**

**Many thanks to Mark Miesch for a truly fantastic presentation and discussion of new SOS datasets on our sun at our April meeting. Truly informative and helpful in understanding the amazing datasets on SOS!**

Thank you also to Jake Lawrence-Simon for the following link with some breathtaking visuals of the sun:

<https://www.youtube.com/watch?v=GSVv40M2aks>

At our next meeting we will spend time working on the new update to SOS and discussing and sharing with each other what is working with the update so far and what may need improvement or tweaking. I hope you'll all be able to attend.

### **SPACE ODYSSEY SHARE FAIR**

**May 11, 2015**

**6 PM to 8 PM**

**Space Odyssey**

**Food and drink will be served**

**RSVP to Dave Blumenstock, [dave.blumenstock@dmns.org](mailto:dave.blumenstock@dmns.org)**

This training should be a blast! At this training, we ask volunteers to share what they know about their favorite activities. So, are you someone who'd like to share what you know about the Orbits Table, or SOS, or Meteorites, or Barany Chair or something else? If so, let me know. Are you someone who'd like to learn from your fellow SO volunteers about how they teach different activities? Then let me know that you'd like to attend this training. Hope you can join us! Please let me know if you have any questions.

## **storytelling with uniview**

**by Dr. Ka Chun Yu, PhD Curator of Space Science DMNS**

You can read all of Ka Chun's previous columns on the MGG Portal:

<http://spaceodyssey.dmns.org/exhibitsprograms/interactives-exhibits/orbits-explorer.aspx>

NOTE: If you're having issues viewing this column in Firefox, try using Safari or Explorer as those seem to show the column in the best quality. I'm not sure about Chrome.

## **space science lectures & events**

## **60 Minutes in Space**

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.

The next 60 Minutes in Space will be on Wednesday, May 27.

**Location:**

Gates Planetarium

**Date/Time:**

Wednesday, April 29, 7 p.m.

**Tickets:**

FREE

## **Digital Earth: Petra Revealed**

**THIS EVENT IS SOLD OUT**

The Nabateans carved their rose-pink rock city of Petra, a stronghold in the desert, using metal tools made from ores smelted on location, and they controlled and took bounty from age-old trade routes that passed nearby. Yet neither control of trade nor rock and metal were the keys to their success: it was water. These early engineers developed regional water gathering systems, intricate canals and pipelines, and marvelous storage cisterns hewn deep into the mother rock. Using 360-degree photography and the immersive capabilities of Gates Planetarium, guest speaker and archaeologist Will Raynolds and space scientist KaChun Yu will tour you through deep time and deep rocks, returning to questions about how the current residents of this historic landscape are striving to lead the good life.

**Location:**

Gates Planetarium

**Date/Time:**

Tuesday, May 5, 7 p.m.

**Tickets: SOLD OUT**

### **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**

### **CHANGES COMING TO WILDLIFE HALLS**

As part of our baseline permanent exhibitions work this year, we will be moving some exhibitions in our Wildlife Halls off display and transforming them for an improved exhibition experience.

#### **What will be going away?**

The Darwin in the Galapagos case (Level 3, West Wing, near Botswana & South America) will be de-installed, with the case tastefully covered for a few months. The Shipibo-Conibo pots (Level 2, West Wing, near Australia and South Pacific) will be removed.

#### **What will replace them?**

A newly interpreted and environmentally-themed exhibition about Darwin and his monumental science discoveries will open back up on Level 3 in July at the same location as the current Darwin case. Many of your favorite "Darwin case" specimens will return clean and comfortable with new mounts. Some Shipibo-Conibo pots and other South American pieces will be installed in the South America gallery on Level 3 at that time as well, making South America a small "blended 'ologies" exhibit with both zoological and anthropological storylines and objects.

**Please forward this information to others who may be impacted or curious.**

Thanks to Anthropology, Zoology, Archives, Security, and Exhibits for supporting these changeovers.

### **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)