



# space odyssey

## 04.10.15 volunteer update

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

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

**Click below for quick access to:**

[Storytelling with Uniview](#)

[Space Science Lectures & Events](#)

[Volunteer Enrichment Committee \(VEC\) Events](#)

## space odyssey news

### **HELP NEEDED: EARTH DAY FREE DAY APRIL 12**

If you'd like to come in and help out this day, we can definitely use it. We're expecting over 10,000 guests this day. Thanks to all who help out this day! [Click here to learn more about the events for this day.](#)

### **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!

### **GREAT GUEST FEEDBACK**

Enjoy these kind words from a recent visitor: "On April 3rd, my wife and I visited your museum for the first time (even though we've lived in Fort Collins for eight years), and we were pleasantly rewarded with a very satisfying experience. Your staff, both volunteers and paid employees, were extremely friendly and helpful - especially on a busy day like Good Friday. Even the other visitors that we met were in 'happy' spirits!" Nice work all!

### **BRIEFING ROOM UPDATES**

We've replaced the old projector in there with a new wall-mounted 4K screen. There's a remote on the table to turn it on/off. Thanks to Dan and Greg of the Planetarium realm, for making this happen. Enjoy!

### **ORBITS TABLE/UNIVIEW UPDATE**

Thanks so much to Greg Mancari for leading the trainings this past week on Uniview 2.0! Greg has set-up a computer in the Briefing Room--at a desk in the back of the room, with Uniview 2.0 so any of 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.

### **NEW SPACE TODAY SHOW SCRIPT POSTED**

The new show script is now posted on the Portal--sorry about my last post indicating it was when it wasn't. [Click here to check it out.](#)

### **MOON PHASES OUT FOR REPAIR**

It should return in a few days. We'll also be getting the base of the Earth globe for this cart redone with a wider flange so it's easier to place on the table.

### **LEARN ABOUT PLANETARY ATMOSPHERES**

[Click here](#) to read a comprehensive article about planetary atmospheres. Thanks to Dr. Mark Bullock, DMNS Research Associate and leader of the Venus Winds Project, for sharing this. Though this article is over twenty years old, it is still highly regarded according to Mark.

### **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 Wednesday, April 15. Please sign it when you're able. Thank you!

### **2015 MUSEUM OPERATIONS AND FINANCIALS UPDATE**

[Click here to view this update from our Vice President of Operations Ed Scholz.](#)

### **ASTRONOMY CRASH COURSE VIDEOS ON PORTAL**

[Click here](#) to go to the training page to view these videos.

### **NEW SPACE TODAY SHOW SCRIPT**

There is a new Space Today show script, you can find it on the laptop at the Galaxy Stage or in the drawer of the desk on the stage. We are working on getting a copy loaded onto the Portal as well. Please standby...

### **SOS: MAJOR SOS UPDATE UPDATE**

The backscreen slideshow is back in action! Thanks to Matt Brownell and Kim Evans for

getting this going! We're looking to update the whole system by 4/17 with trainings soon thereafter.

The new SOS Operating System Webinar is now available for you to watch, click here:  
<http://youtu.be/OLUtRuOLCw>

If you want to get a glimpse of the new reorganization/operation of the SOS iPad, you can see some of the update by looking here on the SOS website:  
<http://sos.noaa.gov/Datasets/list.php#air>

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

<http://sos.noaa.gov/Datasets/list.php?category=All&type=&sort=DateAdded&order=DESC>  
These datasets are available within about one week from when I publish them in this update. Our system is updated by NOAA with the latest, greatest stuff every Monday for your viewing pleasure.

### **NASA CLIMATE UPDATE**

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

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

Want to be a citizen space scientist...?  
<https://www.zooniverse.org/>

Our own Dimitri Klebe speaks about life elsewhere possibilities...  
<http://kdvr.com/2015/04/08/nasa-predicts-alien-life-will-be-found-by-2025/>

Interested in "space-themed" clothes? Check this out...  
<https://www.threadless.com/catalog/style,tees/type,guys/view,24/display,hero/order,popular/category,Space/page,1>

Nominate a name for Pluto-related features...  
[http://www.nasa.gov/mission\\_pages/newhorizons/main/index.html](http://www.nasa.gov/mission_pages/newhorizons/main/index.html)

Giant impact basin found in Australia...  
<http://www.cnn.com/2015/03/24/asia/australia-huge-asteroid-impact/>

Submit your idea to name ULA's next launch vehicle...  
<http://www.ulalaunch.com/rocketvote.aspx>

### **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, April 12 (Earth Day)
- 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**

### **GUIDE CAPTAIN MEETING**

**Monday April 13**

**6:30 PM to 8:30 PM**

**RSVP to Dave Blumenstock**

**We'll meet in Space Odyssey and food/drink will be served.**

## **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**

### **THE SEARCH FOR EARTH-LIKE PLANETS**

**Dr. Tom Barclay of NASA Ames**

**April 16**

**7 PM**

**American Mountaineering Center Auditorium**

**Golden, CO**

The annual S.F. Emmons Lecture sponsored by the Colorado Scientific Society, "The Search

for Earth-like Planets" by Dr. Tom Barclay, of the NASA Ames Research Center. The CSS, though usually focused on geology and earth science, tries to include a diverse range of topics in its lecture programs, such as this. The talk will be at 7 p.m., Thursday, April 16, at the American Mountaineering Center Auditorium, in Golden.

[Click here for more details.](#)

### **STARFEST CONVENTION IN DENVER**

Here is a link to the whole schedule for Starfest. It looks like they have at least 3 astronomy talks: <http://starfestdenver.com/schedule/>

Alan Stern is talking about New Horizons and why Pluto is a planet on Saturday at 11. Carolyn Collins Petersen is giving 2 talks. One on exoplanets Sat at 2 and one on Hubble's 25th anniversary Sunday at 2 (she worked with Hubble in grad school).

The convention is Fri April 17 - Sun April 19.

Thanks to Naomi Pequette for the above info!

### **HUBBLE SPACE TELESCOPE 25TH ANNIVERSARY EVENT(!)**

#### **Phipps IMAX Theater**

**Tuesday, April 21, 7 p.m.**

**Tickets: \$8 member, \$10 nonmember**

[Click here for more info and to register.](#)

On April 24, 1990, the space shuttle Discovery rocketed into orbit carrying a precious payload, the Hubble Space Telescope. Soon after launch, the discovery of a flawed mirror became one of the biggest disappointments in NASA history. In 1993, a daring shuttle mission installed "eyeglasses" to correct its blurry vision-and Hubble finally lived up to its full potential. Through 2009, four more shuttle crews visited Hubble to add new instruments and to repair and renovate the spacecraft, making it arguably the most significant telescope in the history of astronomy. Hubble's observations-from nearby bodies in our solar system to the most distant galaxies-have revolutionized our understanding of the known universe. Join our distinguished panel of scientists and engineers as they celebrate Hubble's 25th anniversary and discuss some of the most significant discoveries made by the "crown jewel" of astronomy!

All of the panelists have played major roles over the course of this historic mission:

\* James Crocker, vice president and general manager of civil space at Lockheed Martin Space Systems Company, conceived the idea and led the team that developed the correction for Hubble's flawed optics.

\* Dr. James Green, professor and chair of the Department of Astrophysical and Planetary Sciences at the University of Colorado, was principle investigator of the Cosmic Origins Spectrograph, the newest instrument added to Hubble in 2009.

\* Kristin Martinez, principal mechanical design engineer for Ball Aerospace and Technologies

Corporation, designed hardware for the Advanced Camera for Surveys and the Cosmic Origins Spectrograph, two of the main science instruments currently operating onboard the telescope.  
\* Bruce McCandless II, retired NASA astronaut, worked to design Hubble to allow servicing by astronauts in orbit and was a crew member on the STS-31 space shuttle mission that carried the telescope into orbit in 1990.

### **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 GNOME FOR DMNS**

Check out Zoology's new changing case (by the coat racks near the escalator) focused on our own local western mythic creatures and see if you can find the newest DMNS gnome!

### **NATIONAL VOLUNTEER WEEK: APRIL 12-18**

Volunteers are the heart of non-profits and we value your time and efforts on our behalf.

To thank you for your valuable contributions during the year, organizations throughout the Denver Metro area are offering special discounts, free admissions and/or other offers during National Volunteer Week Sunday- Saturday, April 12-18<sup>th</sup>.

These offers were created especially in honor of YOU! We highly encourage you to explore the amazing cultural venues in our community and hope you will attend at least one this week.

[Please click here to see the offers from local organizations.](#) There may be a coupon attached as well. Additional offers and corrections can be found at [www.sccollaborative.org](http://www.sccollaborative.org)

\*To participate you must provide proof of your volunteering (badge, photo of your badge or other evidence such as a card and/or this letter) and a photo. Then enjoy a day of fun as a sincere appreciation for all you do.

\*Guests who do not have a volunteer badge are required to pay full admission. Volunteer

Appreciation Week runs one week only from April 12-18th, 2015 and unless noted these offers are ONLY good during this time.

The coordinating organization, the Scientific and Cultural Collaborative is an organization funded by the SCFD, the Scientific and Cultural Facilities District - the cultural tax in the 7 county metro area. Additionally, there are several organizations participating outside of those funded by the SCFD.

Thank you for Everything You Do!

## **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

[dblumenstock@dmns.org](mailto:dblumenstock@dmns.org)

Phone 303.370.8344

Fax 303.370.6005

Join the Museum's Online Community

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