



# space odyssey

## 03.06.15 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

### **KUDOS TO NEW MEMBER NIGHT FOLKS**

Thanks a ton to all the folks who helped entertain the new members this past Wednesday!

### **SPRING BREAK HELP**

If anyone is able to help out extra anytime over the last weeks of March/1st week of April, please let me know. We will be pretty busy with all the schools out. Thanks!

### **CHANGES COMING TO MGG PORTAL**

Marta, Naomi, Samantha and I are working on making a couple of modifications to the Portal which we hope will make it easier to navigate.

The first change will be to the Training and Exhibits/Programs pages: We're going to move all the training manuals to their respective exhibits/programs and move the "new SO volunteer" training materials to their own page navigated from the Exhibits/Program page. Then we'll

eliminate the Training page entirely so that all one has to do to learn about these activities would be to go to the Exhibits/Programs page and select the activity of interest and that activity's page will have all the necessary info to learn how to do it. This change is expected to be completed within the next couple weeks.

Further down the road, we're going to test a new layout for the Meteorite Cart page: We're going to feature the objects on this station on this page, so that when you open the page up, it will show you the list of the objects on the cart along with a corresponding picture and basic information so that at a glance you can get information quickly about each object right from the page. We will keep the Peekskill and Chicxulub videos as well as the link to the ASU meteorite identification pages and the Meteorite cart manual itself. If there are other videos or information you use on these pages besides the above, please let Naomi, Samantha, Marta or myself know.

### **GRAVITY WELL UPDATE**

Tracking has been restored to its former glory since Dave Lewis installed a new projector bulb. Enjoy!

### **NEW ON THE MGG PORTAL**

Check out Mike Snodgrass's awesome James Webb presentation:  
[http://spaceodyssey.dmns.org/media/62922/jwst\\_presentation.pdf](http://spaceodyssey.dmns.org/media/62922/jwst_presentation.pdf)

### **INFRARED AREA UPDATE**

We'll soon be testing a new color scheme for the screens in this area to allow for finer detail of the infrared radiation intensity. Stay tuned!

### **PLANETARIUM UPDATE**

We had a failure in our switching for 2 projectors and in order to get the daily shows to play we had to run a straight bypass to the projectors. That means, as of right now, there is not a way to switch projectors 4 & 5 from the desk to different computer clusters. That means Cosmic Crusin will be cancelled until further notice.

### **NORTHERN LIGHTS PHOTOS**

Enjoy these pics from SO volunteer Anne Herrington. Anne journeyed to the Far North several weeks ago to view the spectacle. Thanks for sharing Anne!





### **SOS UPDATES**

Check out the full report of the summative evaluation on the SOS which concludes our five year NASA grant: [http://spaceodyssey.dmns.org/media/63518/ppdr\\_dmns-sos-summative\\_report\\_12-23-13\\_revision.pdf](http://spaceodyssey.dmns.org/media/63518/ppdr_dmns-sos-summative_report_12-23-13_revision.pdf)

### **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:**

Extraordinary women in science:

<http://www.forbes.com/sites/leoking/2015/02/28/nasas-extraordinary-engineer-teresa-vanhooser-on-a-meteoric-launch-to-mars/>

Robot guides those who can't view museum in person:

<http://www.cbsnews.com/videos/robots-open-up-the-world-of-art/>

Using data visualization in science:

<http://www.nature.com/news/data-visualization-science-on-the-map->

[1.17024?WT.ec\\_id=NATURE-20150305](http://1.17024?WT.ec_id=NATURE-20150305)

Commercial spaceflight advances:

<http://spaceflightnow.com/2015/01/30/spacex-nears-pad-abort-test-for-human-rated-dragon-capsule/>

### **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**

### **SPACE ODYSSEY OVERVIEW TRAINING FOR NEW VOLUNTEERS**

**Monday March 9**

**6 to 8 p.m.**

**Space Odyssey**

**RSVP to Dave Blumenstock**

**Food and drink provided**

Please join us for this fun night! We'll be doing a general overview of the various exhibits, get a behind the scenes tour of the Mars diorama and view Space O's technical "engine room." This training is required for all new Space Odyssey volunteers. Please let me know if you can make it.

### **UNIVIEW USER GROUP MEETING**

**Thursday March 19**

**Space Odyssey Briefing Room**

**4 p.m. to 5 p.m.**

**RSVP to Greg Mancari, [Greg.Mancari@dmns.org](mailto:Greg.Mancari@dmns.org)**

This group is for anyone who wants to learn how be more proficient on Uniview both at the Orbits table and in the planetarium.

## **WATER EDUCATION WORKSHOP**

**Sponsored by the Colorado Foundation for Water Education**

Join the Colorado Foundation for Water Education on **Friday March 13 for their annual Climate and Colorado's Water Future workshop** at the National Ice Core Laboratory in the Denver Federal Center. Please find the draft [agenda and registration](#) on their website. You'll tour the National Ice Core Laboratory, learn how climate data is extracted from polar regions, see how climate impacts water resources and the environment, hear about water supply planning in the face of future climate change, receive and discuss interactive teaching tools and much more. Plus teachers can earn .5 continuing education credit from Colorado School of Mines! Pass the word along to any friends or colleagues who might be interested.

# **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 Portal Training page under Storytelling with Uniview: <http://spaceodyssey.dmns.org/mgg-training.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**

**CANCELLED: DIGITAL EARTH: TRAVELING THE SILK ROAD**

**Monday, March 9, 2015**

**Due to planetarium tech issues, this show has been cancelled.**

**KEEPING THE LEGACY ALIVE: PIECING TOGETHER HISTORY**

Lecture by Jean L. Wright, Docent, NASA Speaker's Bureau

March 17, 2015 - 7 p.m.

Ricketson Auditorium

Free admission

For Jean Wright, the American Dream is alive and well. A former candy store manager born in Flint, Michigan, Jean fulfilled her dream of working in the NASA Space Program in 2005,

when she became an Aerospace Composite Tech for United Space Alliance -- the prime contractor for Space Shuttle Processing -- as a member of the Thermal Protection System Facility team at the Kennedy Space Center (KSC). She would be the last person hired in that position before the Shuttle program ended in 2011.

As one of 15 women in this role, Jean and her co-workers, who dubbed their group, "The Sew Sisters," were responsible for fabrication, assembly, disassembly, and repair of Thermal Protection Systems hardware. This involved using measuring equipment, heavy-duty industrial sewing machines, and intricate and physically-demanding hand stitching to produce items such as:

- Gap fillers, which filled the space between shuttle tiles.
- Dome heat shield blankets which were used for sound suppression and thermal protection around the three main engines.
- Fibrous insulation blankets which were installed on the upper surfaces of the orbiter, and could withstand temperatures up to 1200 degrees.
- Solid rocket booster parachutes.

This event is made possible by Skirts in Science, the Rocky Mountain Quilt Museum and DMNS.

### **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**

### **TEEN SCIENCE SCHOLARS PROGRAM ACCEPTING APPLICATIONS**

The Teen Science Scholars (TSS) internship provides high school students opportunities to work in the Archives, Anthropology, Earth Sciences, Health Sciences, Museum Conservation, Space Sciences, and Zoology departments at the Museum. Selected students will be involved with various aspects of their mentors' research and/or collections programs. Each student will present an overview of their TSS work at an annual symposium held at the Museum at the end of the summer. This program introduces students interested in science careers to various aspects of museum research and/or collections work and helps strengthen investigative and

communication skills. The internship program is open to students who will be entering their Junior or Senior years in the fall of 2015.

This program has provided over 120 high school students the opportunity to be mentored by Museum scientists and collections staff since its beginning in 2006. Students who have completed this program have gone on to study science at such universities as MIT, Duke, and University of Denver. The program also provides a networking system for TSS alumni that helps support students after the end of their internship. Click here for more information about applying: <http://dmns.org/about-us/internships/teen-science-scholars/>

## **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)