SPECIAL THANKS TO OUR PROGRAM PARTNERS:

Drexel University, Photobot 3000,
The Philadelphia College of Osteopathic Medicine,
and Temple University Neuroscience Society for their
support in making tonight’s program a success!

The Joel N. Bloom Observatory, on the 4th floor will be open for stargazing
(weather permitting).

Earn chances to win 2015 Science After Hours tickets! Pick up survival “gems”
throughout the evening and complete your Survivor Medal for a chance to win!
Winners will be chosen after the event.

A selection of wines, craft beers, sandwiches, and other snacks are available for
purchase in our Atrium Café, Franklin Food Works, and a cash only beer bar can
be found next to the Space Command Exhibit.
**1st FLOOR ACTIVITIES**

**FELS PLANETARIUM:**

A Shot in the Dark: Over then under; can you make it through our obstacle course when all you have to guide you is the voice of a distant friend? Chirp Chips: Get a jump on this critter cuisine and learn about the health and environmental benefits of eating crickets.

Follow That Star: Make a Sextant, an ancient tool designed to help you navigate using the night sky, and test it in our Fels Planetarium.

**PLANETARIUM HALLWAY:**

MRE: OMG! The meal may be ready to eat, but are you? Find out how the nutrition filled packets can heat your meal...if, that is.

Ration That: Learn about "fair division" with Drexel University’s Math Department. You are stranded on a tropical island—how do you divide the resources so they last the longest?

Some Light Fishing: Catch fish the old fashioned way! Learn how looking through the surface of a liquid can lead to some distorted views.

**SPACE COMMAND:**

Frosted Tips: This activity won’t make any cents! Try to grab a penny in cold water and learn how your dexterity is compromised when things get chilly.

Suit Up: Donning this budget head-to-toe ensemble will keep you alive in the darkness of space...at least for a little while.

The Heat Is On: Learn how hand warmers can withstand hurricane-speed winds.

**TRAIN FACTORY:**

Foraging Jeopardy: Leaves of three, let it be! Haay! vine, no friend of mine! Berries white, run in fright! How well can you identify friend from foe when you're foraging on the go?

Man vs. Beast: That thing is P-o-i-o-a. Explore the body’s reaction to venomous bugs and reptiles with the Philadelphia College of Osteopathic Medicine.

**2nd FLOOR ACTIVITIES**

**ATRIUM:**

Science After Hours Presents: The Noble Gasses, a monthly life science show at 8:00 pm, B45 pm, and 9:30 pm. This month: Come On Baby Light My Fire

Join the Noble Gasses for a combustible, explosion-tastic live show that will prepare even survivor novices to start a fire in a pinch! The Noble Gasses are brought to you by The Franklin Institute’s Traveling Science Show

**AMAZING MACHINE:**

Survivor MacGyver: Ad Hoc Stove: Those beans aren’t going to cook themselves! Learn how to make a stove using common household items so you’re not left in the cold when the burners go out.

Survivor MacGyver: Better Cheddar: Provisions are low, but you have a wine tasting tomorrow. Whatever will you do about food? Learn how to make cheese last for over a year!

Survivor MacGyver: Crystal Clear: Our most valuable resource has gone brown! Get your hands dirty and learn how to make a water filtration system out of household items.

**BEN’S BRICK HOUSE (MAX®):**

Gimmie’ Shelter: Brick by brick, gust by gust! Learn how to make a building that can withstand hurricane-speed winds.

Lego® Lake of Fire: Hot coals; no problem! Tiny cubes of plastic; that’s a different story. Can you make it across this obstacle that would make even John McClane win?

**CHANGING EARTH:**

(Don’t) Shake It Off: Test your engineering skills and see if your structure will stand tall or go for the fall when it’s up against some seismic shifts.

Wheel of Misfortune: Can you solve the puzzle when the wind and your head are spinning? Match a d i saster with its signs, safety, and silly myths.

**ELECTRICITY:**

Pandemic Pandemonium: We’ve sealed off the environment, you may be the host, can we find out what the agent is? Learn how your interactions with your environment can cause wide spread panic, all from the palm of your hand.

**FRANKLIN AIRSHOW:**

Duct, Duct, Use It!: Walkers and byways are fun, but can you use this survival material to make it across a river? Test your duct tape dukes at this tacky hands-on challenge.

Flight Simulator: See if you can survive a FREE ride on our Flight Simulator! Last ride at 9:30 pm.

Tick, Tick, Boom!: How quickly can you act when you’re racing the clock against an impending bombastic disaster? Learn how communication and directions are important under pressure.

**HARCOURT CLASSROOM:**

Quick Sand, Slow Hand: Did you ever get that sinking feeling, like when you’re actually sinking. Learn the do’s and don’ts of safety as you traverse our “quicksand” pit.

**FRANKLIN FOODWORKS**

Survivor Quiz: Test your survivor aptitude with quick Quiz at 7:30 pm, 8:30 pm, 9:00 pm.

**FRANKLIN MEMORIAL:**

Survivor GPS: If you were stranded on a deserted island and had one gadget, what would it be? Stop by the AT&T table and check out modern day survival tools.

Photobooth 3000: Don’t forget to get a snapshot at Photobooth 3000 for your Science After Hours scrapbook.

What a Tangled Web We Weave: The masterminds have you all tied up in knots. Bob and weave your way through the other players that will prepare even survivor novices to start a fire in a pinch! The Noble Gasses are brought to you by The Franklin Institute’s Traveling Science Show.

**THE GIANT HEART:**

Dunes of Doom: You’re lost in the desert and your body starts to experience a variety of symptoms. See if you can diagnose the causes with Temple University Neuroscience students.

Malady Memory: Are you fluent on the Avian Flu? How about the symptoms of Salmonella? Let’s play with some plagues and see how well you know your diseases.

Virus, Bacteria, Fungus or Parasite: How do you fight an outbreak? First, you need to identify the pathogen.

**WISDOM HALL:**

Mind Games: Are you in it together or only looking out for yourself? Sometimes it takes cooperation to survive the most challenging of scenarios.

Torture Pop: Can you tune it out? Will you give into pressure? See how well you can perform a simple task while succumbing to an audio barrage.

Adrenaline Rush: Explore the amazing feats that are accomplished in life threatening situations thanks to our friend, adrenaline.

**YOUR BRAIN:**

Fear Not…??: Join Temple University students for some fear provoking scenarios and see how you would handle the situation.

Sensory Room: Check out the sensory room in the Your Brain Exhibit for a stimulating experience. Last ride at 9:30 pm.

**4th FLOOR ACTIVITIES**

**OBSERVATORY:**

On the Lookout: Take a close look at the world above you and see what amazing sights the night sky holds as you visit the Joel N. Bloom Observatory. While you’re at it, take in some tips on how to orient yourself to the night sky (just in case). (Weather permitting)

TAKE ELEVATOR B TO THE 4TH FLOOR TO GET TO THE OBSERVATORY