

FRIENDS *of* ARLINGTON'S PLANETARIUM



February 9-11 2018 Darwin & Date Night

FULL DOME SHOW "NATURAL SELECTION: The Search for the Edge of the Solar System"

Join scientists who are investigating the boundary between our Solar System and the rest of our galaxy in IBEX: Search for the Edge of the Solar System. Designed for visitors with an appreciation for the challenges of space science and a desire to learn more about science research, the show follows the creation of NASA's Interstellar Boundary Explorer (IBEX). Audiences will get an in-depth look at the mission and how IBEX is collecting high-speed atoms to create a map of our Solar System's boundary. Narrated by two inquisitive teenagers will hear from the scientists and engineers that developed the IBEX mission and created the spacecraft, and get the latest updates on the mission's discoveries. **Duration: 40 minutes; Target Audience: Suitable for children 6+ & adults.**

Friday, February 9, 7:30pm; Doors Open: 7:00pm



MUSICAL PERFORMANCE BY THE SHRINKING VIOLETS:

Music and science will combine in a unique acoustic performance by the Shrinking Violets. This live acoustic concert will feature original songs and some covers with "cosmic appeal"! The Shrinking Violets ensemble was founded by musician-scientists, Darryl & Julia Murdock. Darryl, a geospatial scientist, and Julia, an accomplished Advance Placement Biology teacher at nearby McLean High School have performed together since 1993 and are joined by Mike Delafleur. This special performance will offer a unique blend of science, astronomy, and music – in keeping with our mission to make the planetarium a community resource that embraces the arts *and* sciences. Audio CD's will be available! For more information, visit: shrinkingviolets.org. **Duration: 60 minutes; Target Audience: Suitable for all ages. Saturday, February 10, 7:30pm;**

Doors Open: 7:00pm



FULL DOME SHOW "CELL! CELL! CELL!":

You are made of 70 trillion living cells. They work. They talk. They think. They are what make you alive. This is the story of the trillions of cells that form our bodies, from our beginnings as a single cell to the complexity of a whole body: it's the story of who we are. Join Raj and Sooki on a totally ex-CELL-ent immersive journey. Get shrunk down by the Shrink-a-tron, go back in time with the Retroscope and see an exploded view of all the body systems courtesy of the Cell-o-tron. **Duration: 45 minutes; Target Audience: Suitable for all ages. Sunday, February 11, 1:30pm; Doors Open: 1:00pm**



FULL DOME SHOW "MAGIC TREEHOUSE: SPACE MISSION":

Travel with the brother-sister duo, Jack and Annie, in their Magic Tree House as they discover a note that asks them to answer a series of six questions about space. With the help of the astronomer, the Internet, an astronaut, books and the writer of the mysterious note, Jack and Annie are taken on a wondrous journey of adventure and learning. This exciting voyage will carry visitors to the planets and far out into the Universe where Jack and Annie nearly get... Well, we don't want to give it away. The adventure is just beginning! **Duration: 35 minutes. Target Audience: Suitable for all ages. Sunday, February 11, 3:00pm; Doors Open: 2:30pm**



Tickets available at the door, or in advance online: <https://friendsoftheplanetarium.org/>
\$3 for children (up to age 12) & Seniors (60+), \$5 for Friends, Members, teens and adults
David M. Brown Planetarium, 1426 N Quincy Street, Arlington, VA 22207
(Free parking, 12 min. walk from Ballston or Virginia Square Metro stop)