



BP Educational Consultation

5133 E. Kathleen Road, Scottsdale, Arizona 85254 • phone 602-320-1622

Career Day Episode #1101

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Careers: **NASA Videographer - Lori Losey**
MARS Rover Engineer – Issa Nesnas
JPL Visualization Producer – Doug Ellison
NASA Astrophysicist – Dr. Eric Becklin

General Synopsis for Episode #1101

In this episode of *Top NASA Careers*, four experts discuss their professions at the National Aeronautics and Space Administration. NASA videographer Lori Losey's job is physically demanding as she videotapes aircraft activity and flight test programs while flying in the backseat of a jet. She recently had the privilege of video taping Endeavor's last flight around the U.S. before its last landing in LA. She has a background of video production, photography and imaginary. She shares the best part of her job is working with aviation icons and recording aviation milestones for NASA. As a **MARS Rover Engineer** at JPL (Jet Propulsion Laboratory) Issa Nesnas is part of the team that built the twin rovers, Spirit and Opportunity, which transmits information and images from MARS. He shares that it takes years of work and millions of dollars to send robots into space. With several college degrees, he states, 'learning hands on skills help to understand how things get done and how they work'. **JPL Visualization Producer** Doug Ellison uses advance animation and graphics to explain engineering and scientific information so people can understand what is happening in space. His advice to the viewers, 'find the place at what you are good at and what you like meet – it makes getting up and going to work a thrill'. **NASA Astrophysicist** Dr. Eric Becklin is a famous astronomer who shares that his job is to look out into the universe to understand how things are and how they were formed. He currently is working on a project that utilizes astronomy and aviation by placing the largest airborne telescope on an aircraft for closer observations of the universe. Dr. Becklin tells the viewers he uses astronomy, physics and math in his career as he makes fundamental discoveries.

Observation and Conclusion

In episode #1101, young adults who are interested in astronomy, aviation, and exploring air and space will be inspired by these talented experts who work for NASA as they share their passion, work, education/training, and experiences that prepared them for their career. Each segment of Career Day delivers an educational and informational message that supports current social, intellectual and emotional aspects of children ages 13 and up. Attributes and advice emphasized by guests instill a grounded balance of priorities, dedication, and perseverance children can apply to their lives.

Sincerely,



Barbara J. Pierce, MA Ed.

Educational Consultant