American Association of University Women, Northwest Valley Branch, Arizona

Presents:

**Inspiring Girls to Envision Careers in Science, Technology, Engineering and Mathematics**

**October 17, 2019  9am – 10am**

Webb Room, Sun City West Foundation, 14465 W R H Johnson Blvd, Sun City West, AZ 85375

The Association of University Women (AAUW) supports promoting and strengthening science, technology, engineering, and mathematics (STEM) education as an important component of its mission to promote the advancement of equity for women and girls through advocacy, education, philanthropy and education.

The Northwest Valley Branch of American Association of University Women is sponsoring a free presentation on October 17, 2019 at 9am geared to teachers, school administrators, parents, organization leaders and general public. “Inspiring Girls to Envision Careers in STEM” is presented by two esteemed speakers who are STEM subject matter experts.

**Dr. Kimberly Scott** will speak about:

- For young girls, STEM competencies are more important than career decisions. Nurturing girls' competencies by teaching them how to think is more productive than expecting them to know their job goals.
- For girls, it is critical to consider psychosocial elements we experience, and can manage, while navigating STEM pathways.
- STEM careers are far more complex than simply being an engineer.
- Getting girls to persist in STEM requires careful consideration of how to build and maintain a work environment in which they can thrive.

**Dr. Lindy Elkins-Tanton** will speak on how, as a 10 year old girl, no specific vision came to her and she was interested in many things. She had a varied career in business, but looked for a common element that drove her job choices; that is, a team where she can thrive. She’ll present how a career in STEM may not have been what she thought she wanted as a young girl, but the path she took led her to working toward a positive space exploration future, and toward creating a generation of problem-solvers.

**Speaker Biographies**

**Dr. Kimberly Scott** is a professor of women and gender studies in the School of Social Transformation at Arizona State University and the founding executive director of ASU’s Center for Gender Equity in Science and Technology. The Center is a one-of-a-kind research unit focused on exploring, identifying and creating innovative scholarship about underrepresented women and girls in STEM. Projects include COMPUGIRLS and COMPOWER. Dr. Scott is a member of the National Science Foundation STEM Education Advisory Panel. The panel was created to encourage US scientific and technological innovations in education.

**Dr. Lindy Elkins-Tanton** is the Principal Investigator of the NASA Psyche mission, Managing Director of the Interplanetary Initiative at Arizona State University, and co-founder of Beagle Learning, a tech company training and measuring collaborative problem-solving and critical thinking. In addition to the science of how habitable planets are formed, her work concerns the effective leadership of teams and education for the future of society. Dr. Lindy Elkins-Tanton served on the Planetary Decadal Survey Mars panel and the Mars 2020 Rover Science Definition Team, and now serves on the Europa Clipper Standing Review Board.

**TO ATTEND THIS PRESENTATION**  For seat reservations, email your name to Joyce Keane, AAUW STEM Committee Co-Chair to reserve your spot  JKEkeane903@gmail.com. Walk-ins are welcome; space is limited to first-come, first-served.