

***Albuquerque International Association***

presents

# **The Use of Solar Energy Technologies to Combat Malaria in Ghana**

**Marlene Brown**

**Thursday, February 16, 2023 4:00 p.m.**  
**Botts Hall, Albuquerque Special Collections Library**  
423 Central NE, Albuquerque, NM 87102 (Central & Edith)

In this thought-provoking talk, **Marlene Brown** will discuss her work using solar energy technologies in Ghana to combat the common and devastating disease of malaria. The presentation focuses on the evolution of the Boko Bed Net System, the result of analyzing a serious problem, understanding the environment and limited local resources, and then finding the right technologies and partners to design and implement a simple and elegant solution. It was guided by personal stories of malaria, cultural communication issues and taboos, and a genuine compassion for trying to address the issues associated with malaria in this area.

**Marlene Brown** has worked with photovoltaic applications for over 25 years doing analysis, testing components, and teaching hands-on classes. She has a Master's degree in Electrical Engineering from the University of New Mexico and also a Master's degree in Systems Engineering from the Stevens Institute of Technology. She has worked in different capacities at Sandia National Labs doing high level strategic planning, facilitation, and problem solving along with system engineering activities. After retiring from SNL, she has been teaching and running the photovoltaics program at CNM. Her technical and personal passions have also inspired her to start a much-needed business incorporating immediate and short-term disaster.

***\$15 for AIA Members; \$20 for Non-Members; Students under 30 with ID – Free. Pay at <https://conta.cc/3RbYBpf> or on our website at [www.abqinternational.org](http://www.abqinternational.org) or mail check made out to AIA by February 14 to: AIA, PO Box 92921, Albuquerque, NM 87199. See [www.abqinternational.org](http://www.abqinternational.org) for full calendar of events.***