WHO
Scientists and students focused on environmental antibiotic resistance (AR).

WHAT
A workshop to discuss and debate best available methods to measure antibiotics, track AR bacteria and AR genes, and determining background/baseline levels of resistance.

HOW
Participants will meet and then break out in three working groups each focused on the following themes:
1. challenges of measuring background and natural levels of resistance,
2. accurate quantification of trace concentrations of antibiotics in environmental samples,
3. microbiological methods for tracking resistant bacteria and genes.

Meeting Outcomes:
Identification of tools and quality control measures for tracking antibiotics, antibiotic resistant (AR) bacteria and antibiotic resistance (AR) genes farm-to-fork that can be used to inform quantitative risk assessment models.

Establishment of a cooperative network of researchers and students focused on occurrence of antibiotics and AR in agroecosystems that can serve as the basis for collaborative cross-laboratory validation of the identified tracking tools.

Workshop Location:
Located in the beautiful Catalina Mountains foothills, the B2 Conference Center comprises a fully networked Campus Village of 28 Santa Fe-style casitas. Complete with in-suite kitchens, living areas, and high-speed internet access, the 3-5 bedroom casitas are all in easy walking distance and provide the perfect place to unwind and socialize in-between or after meetings. Scholarships available to help with registration and on-site housing costs.

E-mail to be put on mailing list.
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