



Summer Social Event

To honor our 50th, 60th, and 70th years members and celebrate the 95th anniversary of The ACS Women Chemists Committee, the ACS Orlando Local Section organizes a summer social event at

Cooper's Hawk

529 N Alafaya Trail, Orlando, FL 32828

Saturday June 25

11:30am appetizers

12-2pm lunch

Dr. Christina Drake of [Kismet technologies](#) will give a brief talk on "Beyond disinfection: harnessing the powers of nanotechnology for safe, non-stop virus and bacteria protection"

The United States uses more disinfectant than any other country globally, yet we still see a healthcare acquired infection (HAI) rate for every 1 in 30 patients. Current disinfectants work by leaving a surface wet with a solvent disinfectant for 4-10 minutes, and do not provide any continued benefits past initial application. NanoRAD (Nanobased Residual Active Disinfectant) is an inorganic nanoparticle that can be incorporated into polymers and other material systems to provide ongoing protection against severe illness causing germs, such as MRSA and norovirus. NanoRAD does this through unique, nanoscale materials engineering that lead to a nanoparticle able to create oxidative species in the presence of bacteria and viruses, similar to the disinfection behavior of hydrogen peroxide. Unlike other disinfectants and inorganic antimicrobials, NanoRAD "switches" off this behavior in the presence of normal cells, making it as gentle as water. NanoRAD goes beyond disinfection, enabling surfaces to continually protect against viruses and bacteria for months, solving a long standing problem in hospital surface disinfection.

\$25 per person

Bring colleagues, family, or a friend!

RSVP before June 15:

[registration form](#)

More details at

<https://orlandoacs.org/>

