

Oklahoma ACS Family Night
Friday 20 September 2019

THE CHEMISTRY OF FORENSIC SCIENCE

Rhonda Williams, PhD, F-ABC
Forensic Science Institute
University of Central Oklahoma, Edmund, OK
and
Oklahoma State Bureau of Investigation
Oklahoma City, OK



Chemistry has a role in a variety of fields, including the field of forensic science. Whether you are using chemical properties to identify drugs (in and out of the body) or to enhance latent prints, chemistry plays a vital role. Chemistry is also extremely useful in the field of forensic biology. This talk will focus on all of the ways chemistry can be used in the different disciplines in forensic science and how it has helped improve the field as a whole. It will give an overview of the types of forensic careers and technologies available and the degrees necessary to obtain these positions. Dr. Rhonda Williams will also give a little insight into her career path as well.

Oklahoma Baptist University, Shawnee, OK <http://www.okbu.edu>

6:00 pm Social Hour & Picnic Wood Science Building
lawn games [indoor/outdoor]—volleyball & croquet
7:30 pm Presentation Wood Science Building
large lecture hall



OBU map
QR code

Menu

Hamburgers & hotdogs
potato chips
pickles
cookies
soft drinks

Cost

\$12 members
\$8 students
\$5 children under 12

RSVP Deadline

Tuesday, Sep 17th, 5 pm
Contact Nathan Malmberg
nathan.malmberg@okbu.edu
405-585-4126
[indicate # of adults & # children]

Rhonda Williams Biographical Sketch

Dr. Rhonda Williams is a graduate from the University of Oklahoma Health Sciences Center, with a Doctorate in Biochemistry/Molecular Biology. Her thesis project dealt with the genetics and evolution of Friedreich's ataxia. She started her forensic science career at the Harris County Institute of Forensic Sciences (Houston, TX). Dr. Williams worked as a DNA Analyst and Trace Evidence Analyst at crime scenes for 8 years. Dr. Williams published a book on DNA collection from crime scenes in 2014. She currently works for the Oklahoma State Bureau of Investigation as a Sr. Criminalist in the CODIS unit and has for the past 5 years. She is also an adjunct teacher at the University of Central Oklahoma.