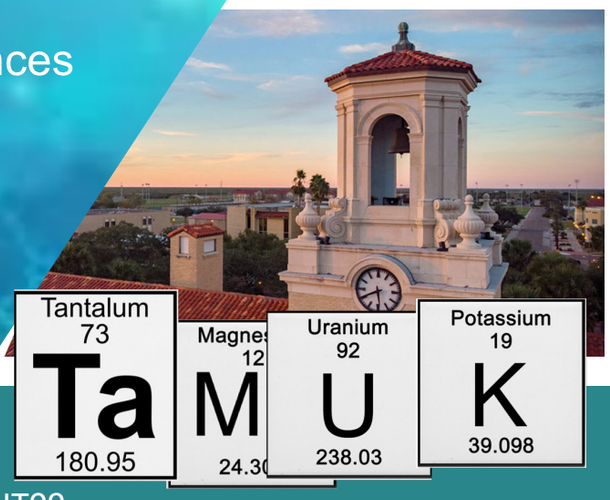
Department of Chemistry | College of Arts and Sciences

SPECIAL SEMINAR SERIES IN CHEMISTRY



ZOOM LINK: https://tamuk-edu.zoom.us/j/6769157893?pwd=Y29YSTBxeEJVOU1JVkh2MHlXZG5yUT09
Meeting ID: 676 915 7893
Passcode: 552210

October 16 | 4:00 – 5:00 pm | NIER 251

Observing the complex history of fingerprint development throughout the world

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Short Biography: I am from Kingsville, Texas and I received both my undergraduate degree and master's degree from Texas A&M University-Kingsville. As a member of the American Chemical Society, I have been a member of the Surface & Colloid Chemistry Division, Energy & Fuels Division, and Chemistry History Division. I have given several poster presentations at the national ACS meetings and several oral presentations on the history of chemistry.

Pete Villarreal, M.S.

Fingerprint development is a well-known and vital component of forensic science and criminal investigations. While the development of latent fingerprints has certainly been updated and modernized as time has passed, the use of fingerprints for identification purposes is one steeped in a long and rich history, related to many customs, cultures, and societies. Given the complex biochemical makeup of fingerprints, the technology, techniques, chemicals, and instruments used in latent fingerprint development also represent a significant and interesting portion of chemical history as well. From anecdotal stories passed down in different cultures, to stories involving famous figures such Marcello Malpighi, Johann Mayer, and Sir William Herschel, to the chemical advances seen in the 20th century, this talk will aim to highlight the long and rich history of fingerprint development.