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We will start momentarily at 2pm ET



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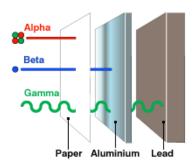
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1

Today in Chemical History Ernest Rutherford was born on this date in 1871







Ernest Rutherford 1871 - 1937

Rutherford discovered the difference between alpha and beta radiation. He also discovered that elements have a half life and that one radioactive element would spontaneously turn into another by expelling a piece of the atom at high velocity. Many scientists of the day scorned the idea as alchemy. They stuck with the age-old belief that the atom is indivisible and unchangeable. But by 1904 Rutherford's publications and achievements gained recognition.

Several of the century's giants in physics studied under him, including Niels Bohr, James Chadwick, and Robert Oppenheimer.

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Thursday, September 6, 2012

Finance 101 – Aligning Your Options With Your **Business Goals**

Jospeh Steig, ecosVC



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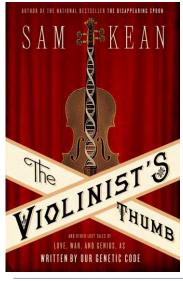
Green Chemistry in the High School Classroom

Rachel Pokrandt, Beyond Benign David Wylie, ACS Green Chemistry Instutute

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Genes and Geniuses: How Humans Became "All Too Human" November 27, 2012

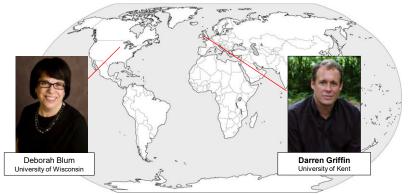
Our DNA makes us who we are, but what made our DNA the way it is? Trace the history of our DNA with *New York Times* bestselling author Sam Kean as he highlights some of the subjects covered in his book, "The Violinist's Thumb." You will learn more about our DNA and its history than Mendel and his pea plants ever could have hoped for. There will also be some interesting facts about Einstein's Brain to boot.

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ACS WEBINARS™ August 30th, 2012



How to Catch a Poisoner

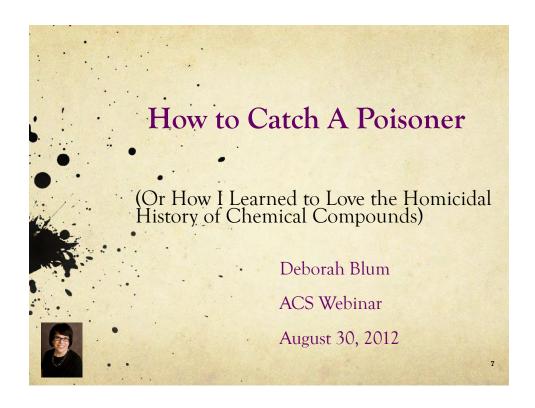


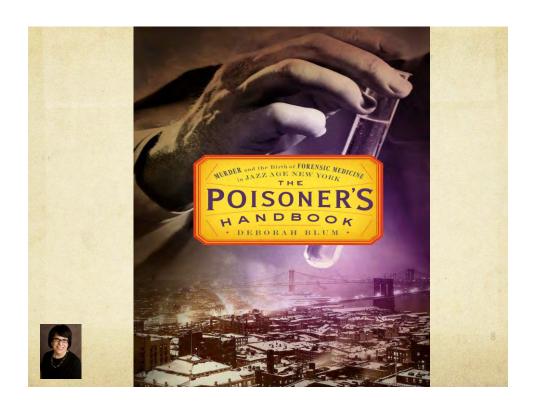
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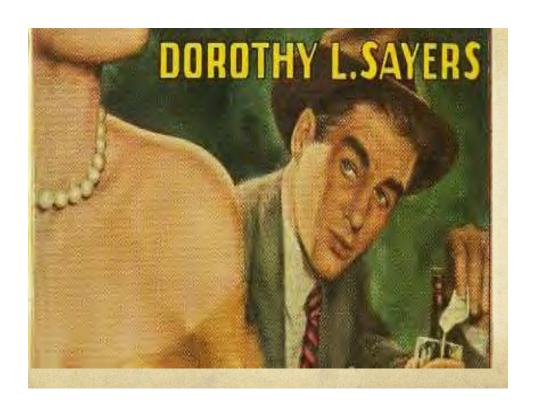
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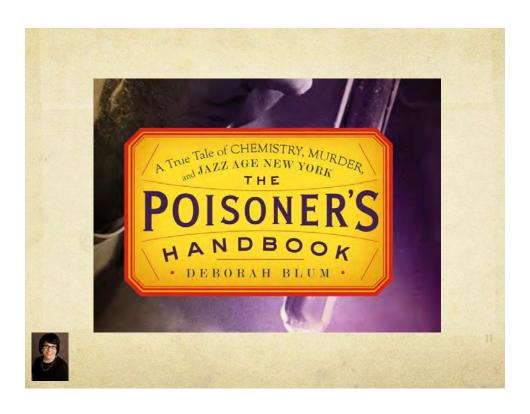
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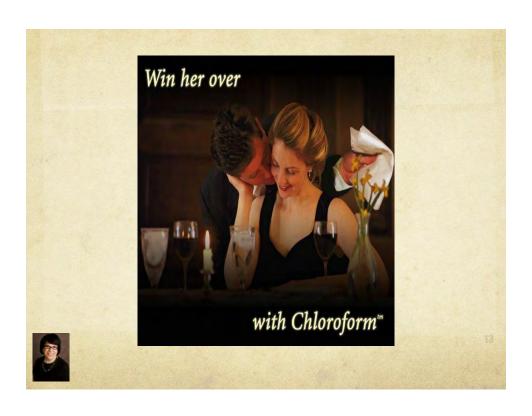


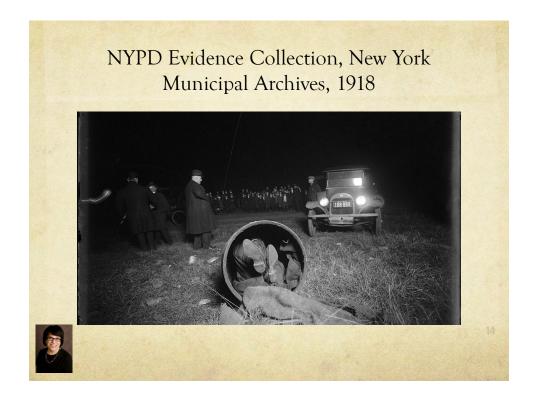


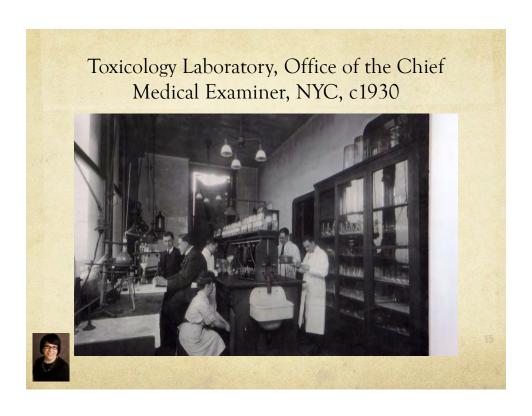


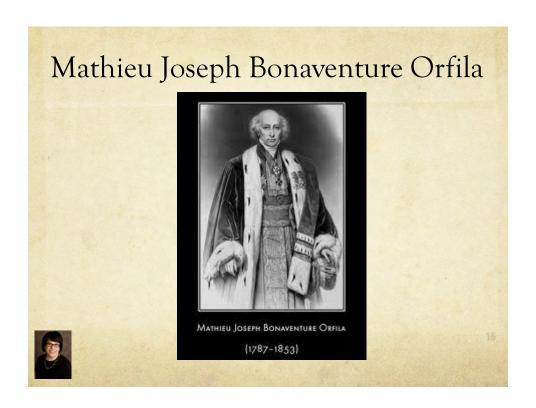




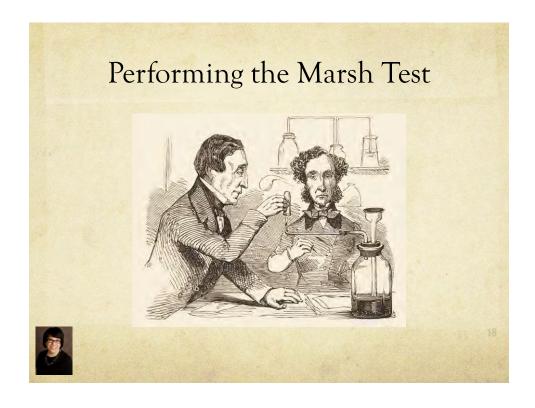


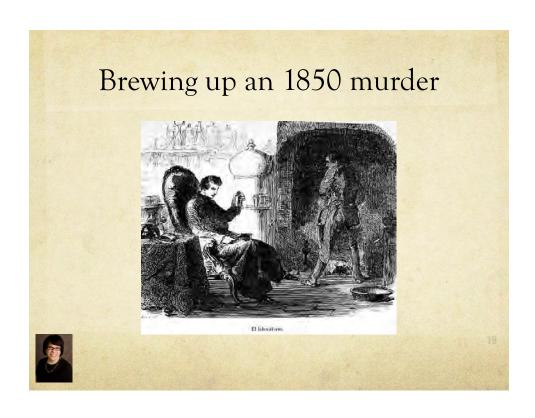




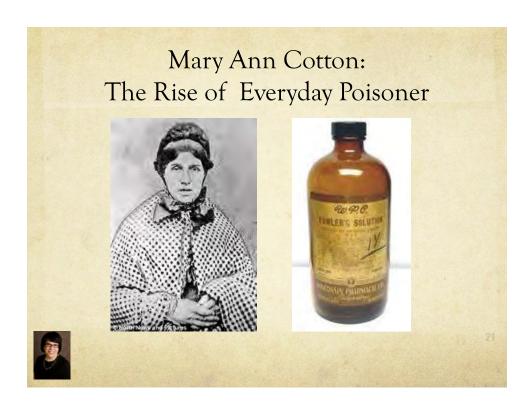


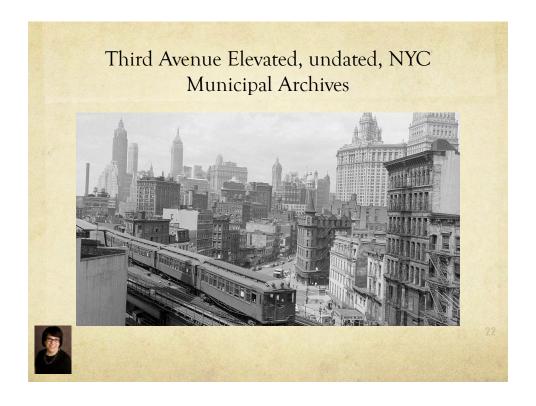


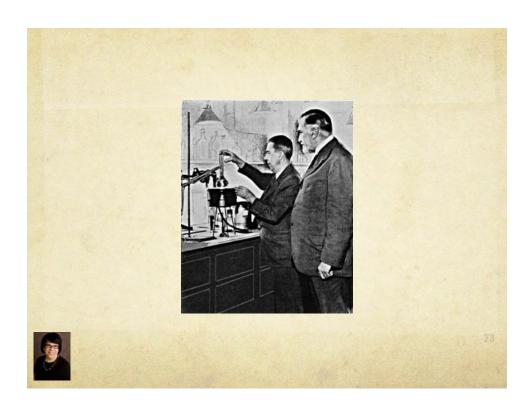










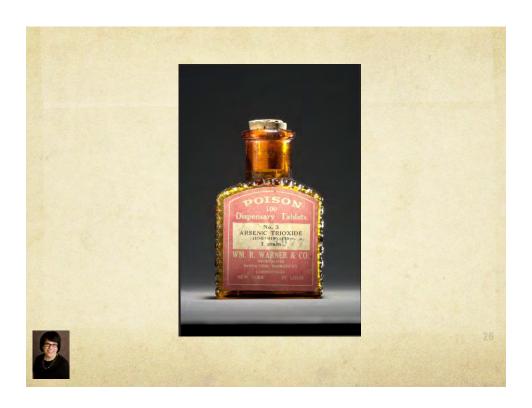


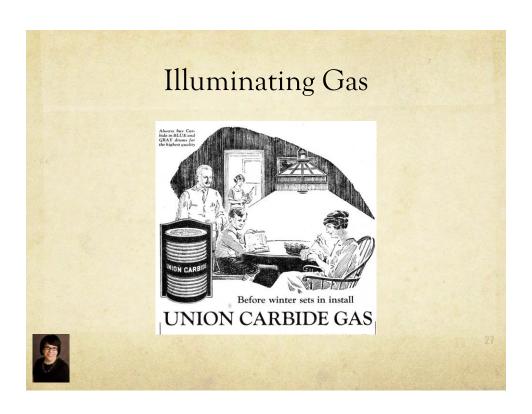
Everyday Murders - 1920s Style

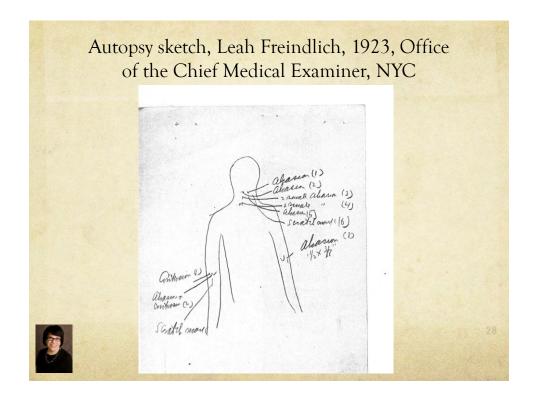
- The poison pie murders (and a note about serial killers)
- The Leah Friendlich murder (and a note about the rise of forensic toxicology)
- The murderous career of Mary Frances Creighton











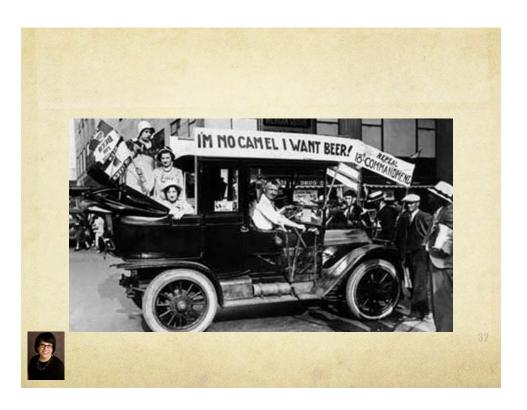


Three Points About Public Health

- O "Our Essay in Extermination" poison alcohol during Prohibition
- O Tetraethyl Lead
- O The Radium Girls











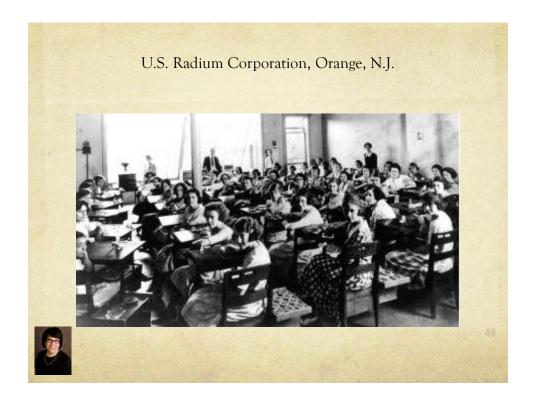














Poll Question 1

- 1. This would be a perfect poison if it didn't make your hair fall out.
- O Sodium cyanide
- O Strychnine
- O Thallium
- O Mercury

Poll Question 2

- 2. This poison can famously keep a corpse looking fresh.
- Phosphorus
- O Arsenic
- O Tetraethyl Lead
- Methanol

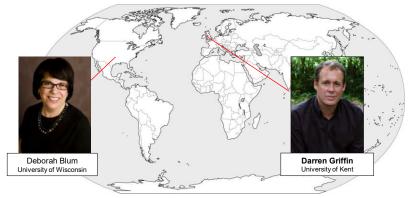
Poll Question 3

- 3) This poison's 1930s use in cough syrup caused a scandal that helped create the modern FDA.
- O Radium
- o copper sulfate
- o diethylene glycol
- o formaldehyde

ACS WEBINARS™ August 30th, 2012



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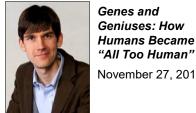
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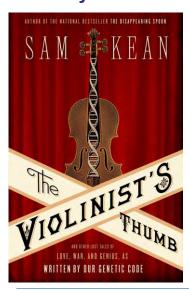
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"All Too Human" November 27, 2012



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