



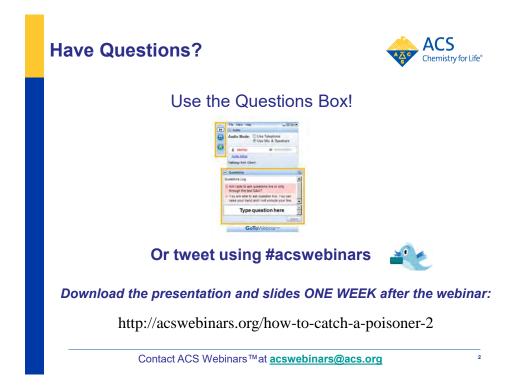
We will start momentarily at 2pm ET



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Thursday, June 6, 2013

Innovations in Green Chemistry: Organics from CO2, Sunlight and Water

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Barrels of Chemistry: Decoding How Oak Affects Wine Flavor

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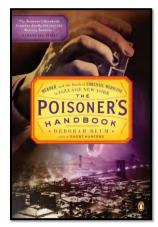
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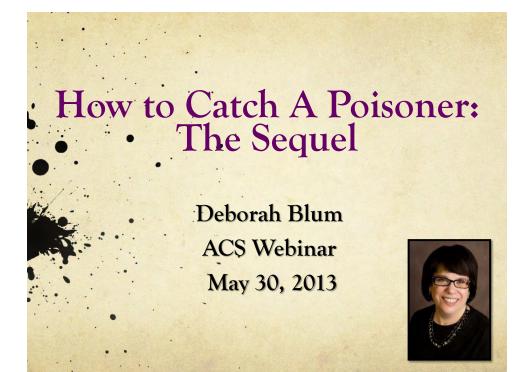
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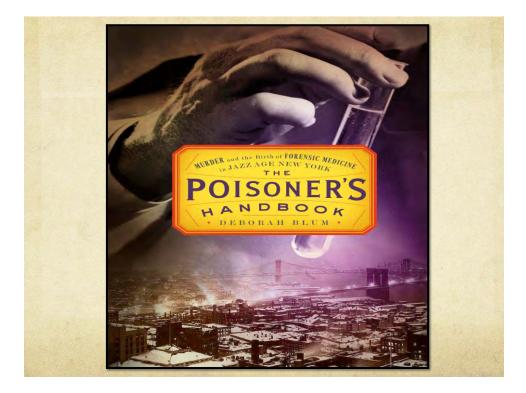


A fascinating Jazz Age tale of chemistry and detection, poison and murder, The Poisoner's Handbook is a page-turning account of a forgotten era. In early twentieth-century New York, poisons offered an easy path to the perfect crime. Science had no place in the Tammany Hall-controlled coroner's office, and corruption ran rampant. However, with the appointment of chief medical examiner Charles Norris in 1918 and the help of a toxicologist Alexander Gettler, the duo changed poison game forever.

Find The Poisoner's Handbook on Amazon.com today!







COMMENTARY | INSIGH

Communicating chemistry for public engagement

Matthew R. Hartings and Declan Fahy

The communication of chemistry to wider society is difficult because of 'chemophobia', its inherent complexity and its lack of unifying grand themes. To engage with citizens about the benefits and related dangers of the field, chemists must improve their dialogue with broader sections of the public – but how

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World from the Perindle Table of Element (soute that themistry is not mentioned explicitly in this title). It seems that, paradoxically, books all cheroisty need to avoid mentioning to coder to be popular. This is comptomatic

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scientist at University College London, and co-sufficer of Science in Public (1998), noted that "during the anisctoenth century, there was great excitement in the results of



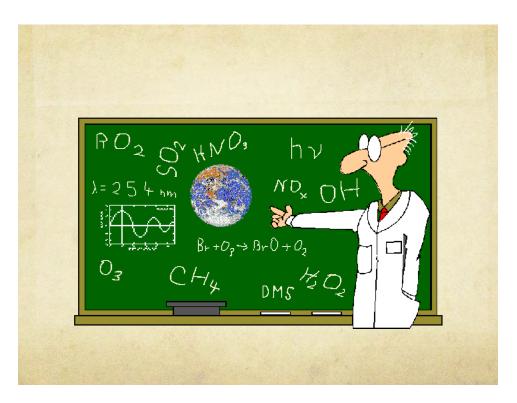
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> Challenges in communicating cher Aside tram chemophalius, for

Ic communication of chemistry faces several obtained. Occurrently their is a fundamentality difficult onlying. For sensitive who has not timensed thematowns in the right is is not carry to develop a toil for how chemistry works. Table, to instance, chemistry instance on molecular structures to communicate in the ensitient chemistral structure is a weath of information contained within as efficient truthmint.

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chemist	Google Search says	•	
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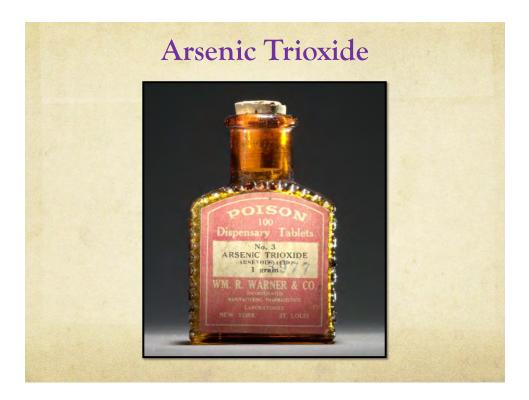


NYPD Evidence Collection, New York Municipal Archives, 1918



Toxicology Laboratory, Office of the Chief Medical Examiner, NYC, c1930



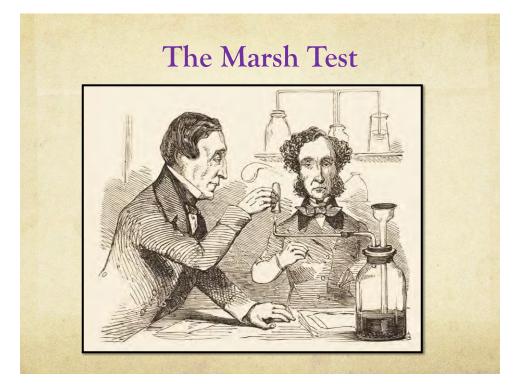


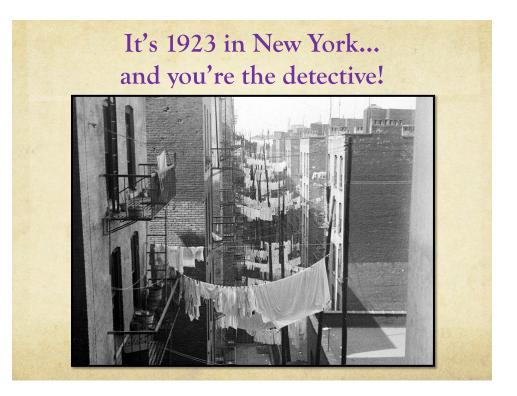
Arsenic in Cosmetics

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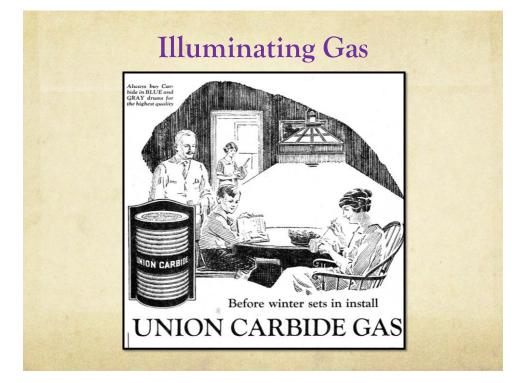


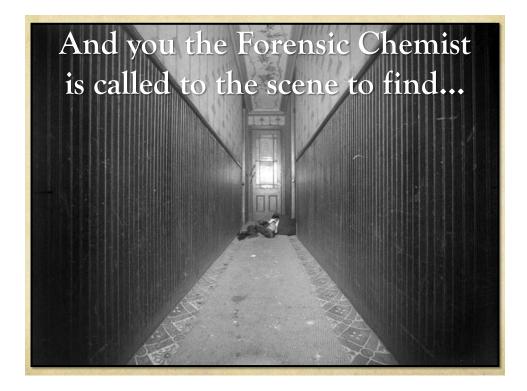
Crowded and Poor Living Conditions



Abandoned Room Tenement House Museum, Lower Manhattan

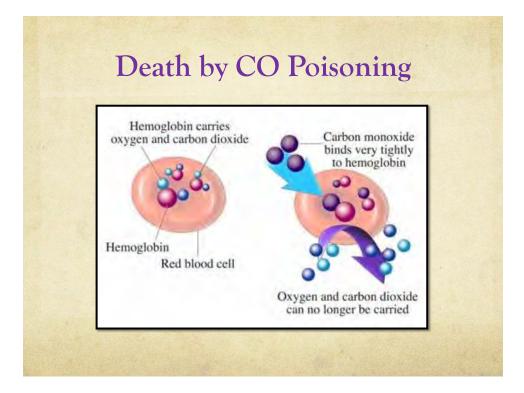




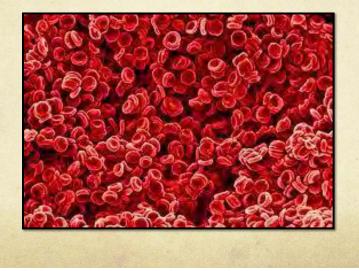


What are the chemical clues that tell how she really died?

- Not enough carbon monoxide in the blood
- Her skin, blood and tissue aren't red enough
- There's too much carbon dioxide in her blood.



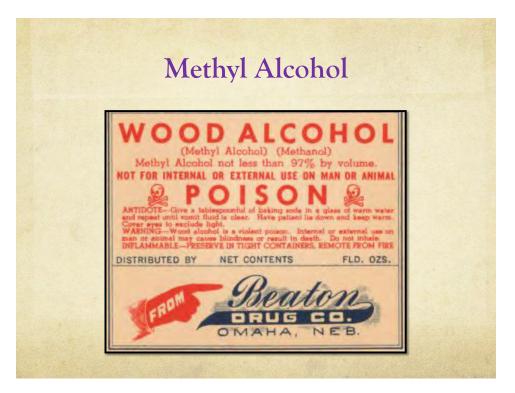
Brilliant Cherry Red Blood Cells



Autopsy sketch, Leah Freindlich, 1923, Office of the Chief Medical Examiner, NYC ahasia (1) lacen (2) 2 small aleanon (3) (4) 2 sunde alusia (5) Scratch mary 1 (6) aleasion (1) antersion () alger + Contraser C. Scritch mean

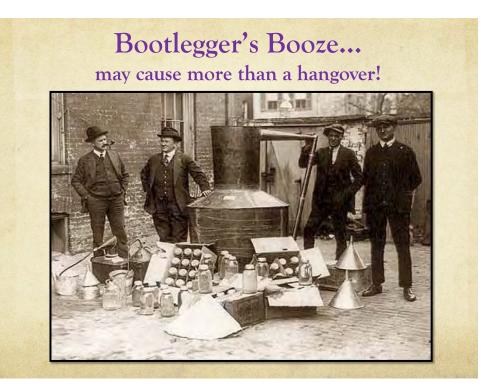
The Beginning of our CSI World

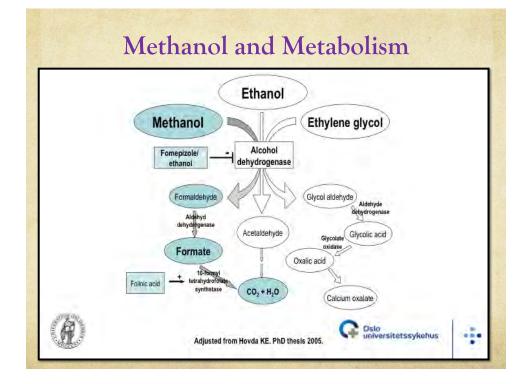




What is the active poison in Corrosive Sublimate

- Hydrocyanic acid
- Mercury bichloride
- Hexavalent chromium











U.S. Radium Corporation, Orange, N.J.





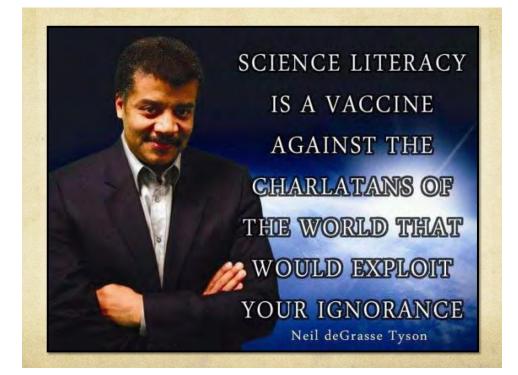
Alexander Litvinenko



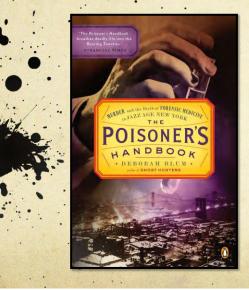


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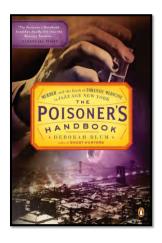




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"Trivia or open ended question ... "



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