



District 200 GEMS Conference – March 14, 2020

Hands-On Learning Sessions



Session 1 – The Technology & Evidence in Investigations

Deputy Sandra Rogers, McHenry County Sheriff's Office, Special Services Division

Explore the technology involved with using evidence for solving investigations.

Session 2 – Saving Lives, One Mannequin at a Time

Erin Brown, Rosalind Franklin University, Simulations Operations Specialist

Step behind the curtain of healthcare education simulation by trying your hand at controlling a high-tech, state-of-the-art mannequin simulator! This mannequin can cry real tears, speak to you, express feelings of pain, has a measurable blood pressure and more! In this session YOU will be helping control these responses OR you can be on the other side performing a physical exam on the mannequin. Come learn about the advanced technology used to help train medical professionals from all fields.

- [Pediatric Hal video, The world's most advanced pediatric patient simulator](#)
- <https://youtu.be/zUAYaSVAHv8>

Session 3 – Using Metals in Jewelry Making

Kim Vorel, Thumbies®

Explore this hands-on opportunity to work with metals for making jewelry.

Session 4 – Biomimicry & Prototyping

Denise Brock, Challenger Learning Center

Observe life and use your inspiration to improve our world. Teams will be challenged to use nature's design models and Makedo kits to help explore our planet and beyond.

Session 5 – Acid Reign: How to Identify the Major Acids in Foods by Taste

Suraya Gavel, Greenwood Associates