

SCHEDULE

SEPTEMBER 19–20

DAY 1

8:00–8:15

Welcome
//HEATHER SEUBERT

8:15–9:00

Time and Pressure:
A Case Study
//DERRICK McCLARIN & SUE MARVIN

9:00–9:30

Total Nitrite Visualization
//SYDNEY REDNOUR

9:30–9:45

3D2T TWG Update
//MIKE STOCKER

9:45–10:00

RPDFT Update
//ALAN ZHENG

10:00–10:30

BREAK + PHOTOGRAPH

10:30–11:30

3D Printing 101
//MAJOR CHRISTOPHER KNUTSON

11:30–12:00

Misfire or Malfunction, the
Shotgun or the Ammunition?
//ANGEL MOSES

12:00–1:15

LUNCH

1:15–2:00

3-D Printed Firearms: Are
They the Wave of the Future?
//JAIMIE SMITH

2:00–2:30

Pulse Lavage System to
Collect Touch DNA From
Cartridge Cases
//GENE PETERS

2:30–2:45

BREAK

2:45–3:15

Virtual Microscopy and
Algorithm Analysis with
Firearm Component Casts
//RYAN LILIEN & ZAK CARR

3:15–4:45

Legal Updates and
Daubert Hypotheticals
//ERICH SMITH & KATHY STOTT

DAY 2

9:00–12:00 **Fredericksburg Battlefield Experience**

Approximately an hour-long presentation and demonstration by a National Park Service employee knowledgeable in Civil War-era firearms and ammunition, followed by a Q&A session and self-guided tour of the battlefield grounds.



AFTE
EASTERN
REGIONAL