

## *Bloodstain Pattern Analysis on Fabrics*

This advanced level course is designed for practitioners who routinely examine bloodstained fabrics and other textiles and are required to assess, interpret and report on bloodstain patterns as part of those examinations. The course builds upon fundamental knowledge of the forensic discipline of BPA and is designed to facilitate an improved level of examination, interpretation and reporting with respect to those bloodstain patterns.

Subject content will review the underpinning principles of BPA, and apply these principles to the analysis and interpretation of bloodstains on fabrics and other textiles. The primary focus of the course is to develop those skills required for the examination of bloodstain patterns found on clothing items commonly encountered in an investigation.

Prior completion of a 40 hour basic workshop in Bloodstain Pattern Analysis is required for admittance into this course.



Fowler Family Southside Center  
511 East Third Street  
Bethlehem PA 18018  
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[www.northampton.edu/NFTC](http://www.northampton.edu/NFTC)

# BLOODSTAIN PATTERN ANALYSIS on **FABRICS**

HANDS-ON WORKSHOP  
80 HOURS TOTAL INSTRUCTION  
(40 HRS FACE TO FACE)

**JULY 29—AUGUST 2, 2013**



Sponsored by:

**NORTHEAST FORENSIC  
TRAINING CENTER**

Northampton Community College  
Bethlehem, PA

[www.northampton.edu/BPA](http://www.northampton.edu/BPA)

## About the Instructors

**MARK REYNOLDS, PHD** is a former sworn officer with the Western Australia Police and currently serves in an unsworn capacity for the agency as a Forensic Science Consultant Manager, Quality Assurance.

As the principal analyst or peer reviewing officer, he has been involved in more than 110 cases that have required the examination, interpretation and reporting of bloodstains or bloodstain patterns. Dr. Reynolds has undertaken training, delivered training or provided casework support in the USA, Canada, Brunei, Singapore and all states of Australia.

He is a former Regional VP of the IABPA and is a member and subcommittee chair of the Scientific Working Group on Bloodstain Pattern Analysis (SWGSTAIN).

**TED SILENIEKS** has more than 25 years experience working at the Forensic Science SA in Adelaide, South Australia currently serving as the Evidence Recovery Coordinator in the Biology Section. He is widely regarded as one of Australia's leading Evidence Recovery Technicians. Mr. Silenieks holds a Bachelors in Applied Science and developed and coordinated the pilot BPA fabrics course in Australia in 2009.

He has coordinated and supervised many research and development projects, resulting in over thirty principal or co-authored presentations at different national and international Forensic Symposiums.

He became actively involved in BPA in 2004 and has been a member of the Australia NIFS Scientific Working Group on BPA since 2009.

## Course Topics Include

- ◆ A Review of BPA Theory
- ◆ Understanding and Construction of Basic Properties of Fabrics
- ◆ Understanding Bloodstain and Bloodstain Pattern Formation on Fabrics
- ◆ Recognition and Creation of Key Bloodstain Patterns
- ◆ Assumptions, Limitations and Hypothesis Testing
- ◆ Exhibit Collection and Documentation of Associated Bloodstain Patterns
- ◆ Reporting and Moot Court
- ◆ Practical Exercises to Include:
  - ◆ *Influence of fabric on angled bloodstain formation*
  - ◆ *The effect of target surface on bloodstain pattern formation*
  - ◆ *Microscopic assessment of bloodstains*
  - ◆ *Creation of bloodstain patterns on clothing*
  - ◆ *The effect of distance on bloodstain*
  - ◆ *Deposition on clothing*
  - ◆ *Bloodstain pattern analysis of bloodstains on clothing*

## Contacts

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## Workshop Details

### Workshop hours:

Monday - Friday: 8:00 am—4:30 pm  
July 29– August 2, 2013

**Prerequisite:** **This is Advanced Level Training - Attendees must have completed, at minimum, a 40 hour Basic Bloodstain Pattern Analysis Workshop.**

### Location:

Northeast Forensic Training Center  
Fowler Family Southside Center  
Bethlehem, Pennsylvania

### Fee:

\$1595.00 USD/person  
(lodging & meals are extra)

### Lodging recommendation:

Hyatt Place • Bethlehem, Pennsylvania  
610-625-0500 • Hyattplacebethlehem.com

Rate: \$83.00/night plus tax (with government ID)

*Free shuttle offered from hotel to airport and to training facility*

### Registration:

Please register at [northampton.edu/BPA](http://northampton.edu/BPA).

Class size is limited to 12 participants.

**Register early to ensure your seat!**

## About the NFTC

The Northeast Forensic Training Center (NFTC) is committed to providing high-quality forensic science education. The training center is accessible to all criminal justice students, educators and practitioners at a regional, state and nationwide level.

To learn more and sign-up for our monthly e-mail correspondence, please scan code with your smart phone or visit [northampton.edu/NFTC](http://northampton.edu/NFTC).

