

## *Basic Bloodstain Pattern Analysis Workshop*

This introductory workshop provides the foundation for study in bloodstain pattern analysis. During this 40 hour course, the participant will learn the basics of bloodstain pattern analysis and gain an understanding of how valuable this forensic discipline can be to investigations involving bloodshed.

Hands on experiments and practical exercises will be conducted throughout the week and will be supplemented with lecture in order to sufficiently convey the material.

Upon completion of this workshop, the participant will have gained an understanding of the fundamental principles of bloodstain pattern analysis.

The course curriculum conforms to the recommended basic course standards established by The International Association of Bloodstain Pattern Analysts (IABPA).



Fowler Family Southside Center  
511 East Third Street  
Bethlehem PA 18018  
610-332-6596  
[www.northampton.edu/NFTC](http://www.northampton.edu/NFTC)

# BASIC BLOODSTAIN PATTERN ANALYSIS

HANDS-ON WORKSHOP

Nov. 12-16, 2012



Sponsored by:

**NORTHEAST FORENSIC  
TRAINING CENTER**

Northampton Community College  
Bethlehem, PA

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

## About the Instructor

**LeeAnn Singley, MS** has been involved in Bloodstain Pattern Analysis (BPA) since 1993. Working as a forensic scientist in the PA State Police crime laboratory for 17 years, she had the unique opportunity to perform BPA at the crime scene as well as in a laboratory setting.

Since her retirement from the PSP, she has continued her forensic work as the owner of Grayson Singley Associates, LLC, providing consulting and education services in BPA. She is a former President of the International Association of Bloodstain Pattern Analysts (IABPA) and is a member of the Scientific Working Group on Bloodstain Pattern Analysis (SWGSTAIN) where she currently chairs the Quality Assurance Subcommittee.

Mrs. Singley has instructed numerous training workshops and seminars and has delivered presentations on BPA in the United States as well as in Canada, the Netherlands and Australia. She has qualified as an expert witness on over 90 occasions.

## Course Topics Include

- ◆ History of Bloodstain Pattern Analysis
- ◆ Health and Safety Precautions
- ◆ Physical Properties of Blood
- ◆ Scientific Method and its application to BPA
- ◆ Angle of Impact Determination
- ◆ Area of Convergence/Area of Origin Determination (of Impact patterns)
- ◆ Target Surface Effects
- ◆ Size, Shape and Distribution of Stains and Location of Patterns
- ◆ Cast off Patterns
- ◆ Impact Patterns (including those associated with Gunshot)
- ◆ Drip Stains, Drip Trails and Drip Patterns
- ◆ Projected Patterns
- ◆ Transfer Patterns
- ◆ Altered Patterns
- ◆ Bloodstain Patterns on Fabric
- ◆ Collection and Preservation of Bloodstain Evidence
- ◆ SWGSTAIN Terminology
- ◆ Documentation of Bloodstain Patterns

## Contacts

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

## Workshop Details

### Workshop hours:

Mon. - Thurs.: 8:00 am—5:30 pm

Fri.: 8:00 am —3:00 pm

### Fee:

\$600.00/person

*(Includes all training materials & laboratory manual; lodging & meals are extra)*

### Lodging recommendation:

Hyatt Place

Bethlehem, Pennsylvania

610-625-0500 [Hyattplacebethlehem.com](http://Hyattplacebethlehem.com)

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

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

**Space is limited!**

**Register today at [northampton.edu/BPA](http://northampton.edu/BPA)**

## About the NFTC

The Northeast Forensic Training Center (NFTC) is committed to providing a 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 click code with your smart phone or visit [www.northampton.edu/NFTC](http://www.northampton.edu/NFTC).

