

Allison M. Laneve

Title: Manager, Forensic Science Department

Education:

- M.S. Forensic Science and Law, Duquesne University, 2007
- B.A. Biochemistry, Duquesne University, 2006

Employment History:

- Present RJ Lee Group, Inc., Manager and Forensic Scientist
- 2007-2011 RJ Lee Group, Inc., Forensic Scientist
- 2006-2007 RJ Lee Group, Inc., Laboratory Manager, Waynesburg Forensic Laboratory
- 2002-2006 RJ Lee Group, Inc., Analyst, Materials and Environmental Department

Summary

- Manages RJ Lee Group's Forensic Science Department; oversees and participates in the preparation, analysis, interpretation and reporting of gunshot residue (GSR) evidence using Scanning Electron Microscopy / Energy Dispersive Spectroscopy (SEM/EDS) techniques.
- Has given testimony in federal, state and county courts for both the prosecution and the defense on more than 85 occasions.
- Accepted as an expert in GSR in 15 U.S. states, the District of Columbia and two foreign countries.
- Led the department to successful American Society of Crime Laboratory Directors / Laboratory Accreditation Board (ASCLD/LAB) accreditation in Primer GSR and Distance Determination.
- Adjunct faculty member, Duquesne University, Pittsburgh, PA., teaching courses in trace evidence and arson & explosives.
- Analyzes trace evidence using techniques such as Polarized Light Microscopy (PLM), Comparison Microscopy, Fourier Transform Infrared Spectroscopy (FTIR), and Scanning Electron Microscopy (SEM).
- Assists in test firing of weapons related to casework.

Honors, Awards, Fellowships & Memberships:

- Chair, Mid-Atlantic Association of Forensic Scientist (MAAFS)
- Member, American Society of Trace Evidence Examiners (ASTEE)
- Member, Phi Sigma Lambda Professional Forensic Fraternity

Licenses, Certifications/Registrations/Government Clearances

- Firearms Safety Training – March 2013
- Tape Analysis – Fracture Match Analysis, RJ Lee Group, October 2011
- Forensic Paint Examinations and Comparisons, August 2010
- Hazardous Waste Operations and Emergency Response, Center for Safety & Environmental Management – July 2010, Recertification: July 2011, July 2012, July 2013
- Headlamp Examination for Motor Vehicles, Northwestern Center for Public Safety - April 2010
- Hair Comparison, College of Microscopy – May 2010

- Polarized Light Microscopy Certification, McCrone Research Institute – August 2007
- Gun Safety Certification, RJ Lee Group – August 2004

Publications & Presentations

- Murtha, A., Linxian Wu, Ph.D., “The Science Behind GSR: Separating Fact from Fiction”, Forensic Magazine, September 2012.
- Presenter, The Evidence Conference, Washington D.C., “Stepping into the Futures of Gunshot Residue Analysis” An Overview and Examination of GSR in Light of the SWGGSR Guide”, October 2012.
- Guest Lecturer, Duquesne University Chemistry Seminar Series, Pittsburgh, Pa., “Gunshot Residue Techniques, Analysis, and Interpretation”, October 2011
- Guest Lecturer, Pennsylvania State Police Training Center, Greensburg, Pa., “Gunshot Residue”, April 2011
- Guest Lecturer, Plum Senior High School, Monroeville, Pa., “Trace Evidence Techniques”, November 2010
- Presenter, Waynesburg University C.S.I Camp, Waynesburg, Pa., “Trace Evidence: Collection, Analysis, Interpretation”, July 1, 2010.
- Presenter, 2010 Annual Tripartite Symposium, Pittsburgh, Pa., “The Chemistry of Gunshot Residue Analysis”, May 2010.
- Panelist, Hudson Valley Community College Forensic Panel Discussion, Hudson Valley, New York, April 26, 2010
- Presenter, Winchester Thurston Girls in Science Lunchtime Lecture Series, Pittsburgh, Pa., “Trace Evidence Techniques”, December 12, 2009.
- Presenter, Waynesburg University Mock Crime Scene, Waynesburg, Pa., “Hair Examination”, October 31, 2009.
- Presenter, Waynesburg University C.S.I Camp, Waynesburg, Pa., “The Analysis of Gunshot Residue”, July 2, 2009.
- Presenter, Indiana University of Pennsylvania Electro-optics Camp, Indiana, Pa., “Forensic Applications of Light”, June 14-15, 2009.
- Presenter, RJ Lee Group, Inc., “GSR Webinar”, Monroeville, Pa., October 2008.
- Director, Waynesburg University C.S.I Camp, Waynesburg, Pa., July 27-31, 2008.
- Presenter, Indiana University of Pennsylvania “Females in Forensics” Program, Indiana, Pa., “Instrumentation & Case Studies”, May 31, 2008.

- Presenter, SCANNING 2008, Gaithersburg Md., “The Fluorescence of Gunpowder: A New Approach to Distance Determination”, April 17, 2008.
- Presenter, Mid-Atlantic Association of Forensic Scientists (MAAFS) 2008, Huntington, W.V., “The Fluorescence of Gunpowder: A New Approach to Distance Determination”, May

Classes Taught

- Duquesne University Forensic Science & Law Masters Program
 - Arson & Explosive Investigation: Spring Semesters 2009 – Current (Spring 2015)
 - Trace Evidence Techniques: Fall Semesters 2008 – Current (Fall 2014)
 - Forensic Applications Lab: Fall Semester 2008 & Spring Semester 2009
- Waynesburg University Forensic Chemistry Program
 - Biology 121 – Laboratory: Fall Semester 2007
 - Chemistry 408 – Microscopy Applications & Research: Fall Semester 2007