Patrick M. McLaughlin

EDUCATION:
Master of Science in Forensic Science, 2019
John Jay College of Criminal Justice, New York, NY
Specialization: Forensic Molecular Biology

Bachelor of Science in Forensic Science, 2015
John Jay College of Criminal Justice, New York, NY
Major: Forensic Science

WORK EXPERIENCE:
September 2020-present Instructor, Florida Atlantic University

- Undergraduate Research Mentor in Forensic Concepts
    - Blood Spatter
- Teaching CJE3674, Introduction to Forensic Science QM Rated (2024)
- Teaching CJE4247, Advanced Forensics
- Teaching CJE2034, Crime & Everyday Life LA Model Adopted (2025)
- Teaching CCJ2002, Law Crime & Criminal Justice
- Service- Summer Criminal Justice Camp
- Service- Virtual Forensic Science Camp

January 2019-present Adjunct Lecturer, John Jay College

- Teaching SCI114, Scientific Principles of Forensic Science, lecture and laboratory
- Teaching FOS738, Crime Scene Reconstruction for Forensic Scientists, Graduate
- Teaching FOS380, Crime Scene Investigation, Undergraduate
- Teaching FOS313, Introduction to Criminalistics for Forensic Science Majors
- Teaching FOS706, Physical and Biological Evidence, Graduate Lecture
- Supporting FOS710 Advanced Criminalistics Laboratory
- Teaching High School Science Winter Camp
- Teaching High School Science Summer Camp
- Teaching SCI110: Big Bang Theory to Origins of Life, laboratory

July 2002 – April 2017 NYC Police Department, Evidence Collection Team

- Promotion to Detective Specialist, July 2013
- Field investigation of crime scenes with over 7000 career crime scene responses
- Collection and documentation of pertinent criminalistics and biological evidence
- Extensive interaction with Federal Agencies (DEA, FBI, ATF, DETF) to assist in the development of forensic investigations under federal jurisdiction.
- Field training officer, courtroom testimony instruction, and in-service training for unit members

April 1997-July 2002 Police Officer, NYC Police Department

- Uniformed patrol first responder services
- Specialized assignment to Street Narcotics Enforcement Unit

OTHER EXPERIENCE
April 1997 – April 2017 **Specialized Training,** NYC Police Department

- Evidence Collection Team Training (2001)
- Narcotics Enforcement Training, (2002)
- Plain Clothes Training (2002)
- Evidence Collection Crime Scene Photography (2003)
- Crime Scene Technician, Kaplan College (2003)
- Weapons of Mass Destruction HAZMAT Technician, Dept. of Homeland Security (2003)
- American Institute of Applied Science, Sirchie Laboratories (2004)
- Forensic Entomology, Penn State University (2004)
- Evidence Collection DNA Collection Advanced Training (2006)
- Methods of Instruction General Topics Instructor, NYPD (2008)
- Sex Crime and Crimes Against Children (2006)
- Homicide Investigator Course, NYPD (2011)
- Counter-Terrorism Law Enforcement Threat and Emergency Actions, FEMA (2003-2017)
- Shooting Incident Reconstruction (2019)
- Blood Pattern Analysis (Level 1) (2019)
- Crime Scene Reconstruction (Level 1) (2024)

COURTROOM EXPERIENCE

- Testimony trainer for Evidence Collection Team members.
- Extensive experience in courtroom testimony in cases ranging from SLA violation, moving and traffic violation, misdemeanor, and felony cases.
- Specific narcotic cases from experience in observation, apprehension, seizure, and processing of controlled and illegal substances regarding the specific nature of narcotic based laws.
- Patrol based testimony from criminal observation, apprehensions, processing, and invoicing arrests in both felony and misdemeanor arrests.
- Forensic testimony based on crime scene observation, documentation, processing, invoicing, and transportation of physical and biological evidence.
- Expert Witness standing in NY County as crime scene processing, latent print recovery, and ballistic reconstruction.

PROFESSIONAL AFFILIATION

American Academy of Forensic Sciences (AAFS)
International Association of Blood Pattern Analysts (IABPA)
Association for Crime Scene Reconstruction (ACSR)

PUBLISHED ACADEMIC ARTICLES

McLaughlin, P. Hopkins, C., Springer, E., Prinz, M. Non-destructive DNA recovery from handwritten documents. *J. of Forensic Sci*. 2021;00:1-9

Petraco, N.; Gambino, C.; McLaughlin, P.; Kuo, L.; Kammerman, F.; et al. Forensic Surface Metrology. (2011) *SCANNING*, 33, 1-7

PUBLISHED ABSTRACT (ORAL PRESENTATION)

P. McLaughlin, M. Prinz. Improved DNA recovery from handwritten documents. Abstract B114, Proceedings of the American Academy of Forensic Sciences - 71st Annual Scientific Meeting, Baltimore, MD (2019) p318.

C. Hopkins, P. McLaughlin, M. Prinz. Further Evaluation of a Dry Vacuuming Technique for Recovery of DNA From Handwritten Documents. Abstract B7, Proceedings of the American Academy of Forensic Sciences - 72nd Annual Scientific Meeting, Anaheim, CA (2020) p230.

A. Morgan, P. McLaughlin, M. Prinz. Optimizing an Integrated Workflow for Processing Paper Evidence in a Multidiscipline Crime Laboratory. Abstract B110, Proceedings of the American Academy of Forensic Sciences - 72nd Annual Scientific Meeting, Anaheim, CA (2020) p335.

P. McLaughlin, M. Prinz. Improved DNA Recovery from Handwritten Documents. Abstract B114, Proceedings of the American Academy of Forensic Sciences - 71st Annual Scientific Meeting, Baltimore, MD (2019) p318.

N. Dalal, P. McLaughlin, M. Prinz. Optimizing a Method for DNA Recovery while Preserving Latent Prints on Paper. Abstract P19, Proceedings of the North Eastern Association of Forensic Scientists – 44th Annual Meeting, Bolton Landing, NY (2018) p77.

OTHER SKILLS: FDNY C-14 Certified, Firearms and CQB Combat Instructor, ACE Certified Personal Trainer, EMT, 200-hour Hatha Yoga Instructor Certification.

AWARDS

2021 ASCLD LEAP Award for Excellence in Collaboration academic institute and law enforcement agency