

## Curriculum Vitae

### **I. Personal Information**

- a. UID: 100713510, **Mauriello, Thomas, Paul**, 8775 Teresa Lane, Laurel, MD 20723, [tmauriel@umd.edu](mailto:tmauriel@umd.edu), [www.forensiqinc.com](http://www.forensiqinc.com)
- b. Academic Appointments at UMD
  - i. Lecturer - University of Maryland @ College Park, Department of Criminology and Criminal Justice – (1977 to 2013)
  - ii. Senior Lecturer - University of Maryland @ College Park, Department of Criminology and Criminal Justice – (2013 to present)
- c. Administrative Appointment at UMD
  - i. University of Maryland Police Department @ College Park – Police Officer and Criminal Investigator – (1973 to 1982)
- d. Other Employment
  - i. US Department of Defense – (1982 to 2012) Retired
    1. Special Agent
    2. Counterintelligence Investigator
    3. Polygraph Examiner
    4. Chief of the Security Operations Center
    5. Chief of Police for the National Security Agency Police Department
    6. Investigator for the US Senate Subcommittee for Investigation
    7. Director, Occupational Health, Environmental, and Safety Services
    8. Director of the National Operations Security, Interagency OPSEC Support Staff
    9. Chief of Staff for the US DoD, National Cryptologic School
    10. Chief of Polygraph
  - ii. ForensIQ, Inc. – (2011 to present), Founder & CEO - forensic consultation services. [www.forensiqinc.com](http://www.forensiqinc.com)
- e. Educational Background
  - i. Master of Forensic Sciences - The George Washington University – Washington, DC (1976)
  - ii. Bachelors of Arts in Criminology – Suffolk University – Boston, MA (1973)
- f. Continued Education
  - i. 2010-2019 – Attended the American Academy of Forensic Sciences, Annual Scientific Meetings. Participated in the following workshops:
    1. The Recognition, Selection, and Significance of Gun Shot Residues

2. Strengthening Forensic Sciences in the US □ Communication in Forensics
  3. Homicide and Death Investigation
  4. Innovation in Forensic Image and Video Analysis
  5. Practical Ethics in Forensic Sciences Science in the Courtroom
  6. On the Leading Edge of Forensic Science
  7. So You Want to Publish? A Basic Primer and Introduction to Forensic Publishing
- ii. April 2013 - Forensic Magazine sponsored webinar: Expert Witness – What Makes a Credible Witness?
  - iii. FRENZY 2000 Conference – “Beyond the Rape Kit: Trauma Center and ER Evidence Collection for Investigators.”
  - iv. 1982 - US DoD, Special Agents Training (320 hours)
  - v. 1985 - CIA Polygraph Training (12 weeks)
  - vi. 1974 - Prince George’s County Municipal Police Academy (256 hours)
  - vii. 1975 - Mobile Crime Lab Technical Training with MD State Police (100 hours)
  - viii. 1975 - Criminal Investigation School with MD State Police (80 hours)
- g. Professional Certifications, Licenses, and Memberships
- i. Fellow, American Academy of Forensic Sciences (AAFS)
  - ii. Active Member, International Association for Identification (IAI)
  - iii. Member, Council of Forensic Science Educators (COFSE)
  - iv. Honorary Life Member, The Operations Security (OPSEC) Professional Society
  - v. Active Member, Maryland Polygraph Association
  - vi. Certified by the Maryland Police Training Commission - to teach subjects in forensic evidence; crime scene identification and preservation of evidence; medical-legal examination of sex crime victims; and the medical-legal examination of death.
  - vii. Certified Forensic Hypnotist, International Association of Forensic Hypnosis
  - viii. National Cryptologic School – Adjunct Faculty Instructor
  - ix. Certified by the Federal Aviation Administration (FAA) as a Small Unmanned Aircraft Systems (sUAS) Pilot.
  - x. Member, Maryland - Center for Forensic Excellence Advisory Committee

## **II. Research, Scholarly, Creative and/or Professional Activities**

### **a. Books Authored**

- i. Legal treatise, “*Criminal Investigation Handbook – Strategy, Law and Science*,” LexisNexis – Publisher. ISBN: 978-0-8205-1673-8, First published in 1990 and updated annually to the present, used nationally as a guide for investigators, prosecutors, and defense attorneys that provides the legal and technical background needed for a comprehensive understanding of the

investigative process.

Appendix 1: The Simpson-Goldman Murder Investigation — Analysis of the Investigative Issues.

Appendix 2: The 2002 Washington, D.C. Area Sniper Shootings A Case Analysis of the Multi-Jurisdictional Investigation.

- ii. *“The Dollhouse Murders,”* published by Pearson Education in 2004, ISBN: 0-13-145165-0, illustrates the use of six uniquely designed crime scene dioramas, each coupled with storylines used to study the crime scene investigation process.
  - iii. Digital e-textbook, *“Introduction to Criminalistics – From Crime Scene to Court Room,”* publisher, Great River Learning/Kendall Hunt Publishing Company, 2018 – Updated 24/7 as needed.
  - iv. Guidebook, *“Public Speaking for Criminal Justice Professionals – A Manner of Speaking,”* publisher, CRC Press, Taylor & Francis Group, 2021.
- b. Creator of “Mobile App”
- i. Branded “C.S.I. Checklist” - a quick reference guide organized in a bulleted checklist type format for uniformed police officers, investigators, and crime scene evidence technicians engaged in all stages of crime scene investigation and evidence processing.
  - ii. Launched in the fall 2020 on the Apple Store and Google Play App.
- c. Published Conference Proceedings
- i. August 3, 2018 - speaker at the International Association of Identification (IAI) 2018 International Association for Identification Educational Conference in San Antonio, Texas. The presentation introduced the newest generation of the Everspry National Footwear Database (ENFD) and Automated Footwear Matching System. The workshop was attended by footwear experts from throughout the United States and other countries that had an interest in learning about this new technology.
  - ii. February 19, 2015, presented a scientific paper at the American Academy of Forensic Sciences (AAFS) 67th Annual Scientific Meeting, Orlando, Florida. The paper was entitled, "The Flipped Classroom - Turning Your Forensic Education Program Upside-Down."
  - iii. Feb. 21, 2013 - presented a scientific paper, “A Case of Double Jeopardy: How 3D Laser Scanning Clarified the Truth,” at the American Academy of Forensic Sciences, 65th Anniversary Meeting, Washington, D.C.
  - iv. February 22-25, 2012 – presented a scientific paper at the American Academy of Forensic Sciences Annual Meeting – Title, “Forensic Polygraph in a Global Environment: Comments on the Worldwide Growth of an American Obsession,” – Co-Presented with Frank Horvath, Ph.D., National Center for Credibility Assessment.

d. Conferences, Workshops, and Talks

i. Keynotes

1. August 3, 2018 - speaker at the International Association of Identification (IAI) 2018 Educational Conference in San Antonio, Texas. The presentation introduced the newest generation of the Everspry National Footwear Database (ENFD) and Automated Footwear Matching System.
2. June 5, 2018 - Keynote speaker for the U.S. Department of Defense - Interagency OPSEC Support Staff (IOSS) 2018 Symposium, celebrating IOSS's 30th Anniversary as the former administrator of the National Operation Security (OPSEC) Program.
3. March 16, 2017 – Luncheon speaker for the Malden Kiwanis at Anthony’s Restaurant, Canal Street, Malden, MA. The title of his presentation was “A Look Thru the Eyes of A Forensic Scientist.”
4. July 21, 2016 – Presented the keynote address at the Breakfast Meeting of the Maryland Chapter of the Association of Certified Fraud Examiners (ACFE) entitled, “Truth and Lies of the Polygraph.”
5. March 16, 2016 – Luncheon keynote speaker at the Malden Kiwanis Meeting in Malden, MA - “A Look Thru the Eyes of a Forensic Scientist.”
6. October 15, 2015 – Luncheon Keynote speaker at the Malden Kiwanis Meeting in Malden, MA. Members of Malden, Everett, Medford, Revere, Chelsea, and Somerville Kiwanis Clubs were present. The presentation focused on the use of the polygraph in criminal and counterintelligence activities.
7. June 18, 2014 - Presented the keynote address to over 1500 participants at the NCMS 50th Annual Seminar, Gaylord Hotel and Convention Center, Harbor Place, MD - "The Flipped Classroom - Turning Your Security Education Program Upside-down."
8. April 2, 2013 - Keynote presentation, 7th Annual ISAC (Industrial Security Awareness Council) of Central Maryland Training Seminar, The Johns Hopkins Applied Physics Laboratory, MD, Topic: "Truth and Lies of the Polygraph.”
9. May 7, 2012 – Keynote speaker at the Operations Security Professional Society (OPS) Social, held in conjunction with the 23rd Annual National OPSEC Conference, Anaheim, California - “Critical Thinking for the Security Professional.”
10. April 18, 2012 - Keynote speaker at the JSAC/NCMS (Joint Security Awareness Council/National Classification Management Society) Security Seminar, Dallas, Texas. Topic, “Critical Thinking for the Security Professional.”

ii. Invited Talks

1. April 20, 2023 – Presented a lecture for Professor Tracy Tomlinson’s PSYC425, “Psychology of Law” class, on the use of the polygraph in criminal and background investigations.
2. July 19, 20, and 26, 2022 – Participated as an instructor for the Leadership Initiatives Youth Development Program at Georgetown University, Washington, D.C. Spoke to high school students from around the country participating in the National Security & Intelligence Internship Program and middle school students participating in the Jump Start Program. Topics presented were the crime laboratory, crime scene investigation, and the security processing for employment with the federal government.
3. September 17, 2021 -Guest speaker for the University of Maryland, College of Behavioral & Social Sciences, [Virtual Lecturer Series](#). The talk was entitled, “The C.S.I. Checklist app – Never miss a step.”
4. February 11, 2021 – A Guest on the Spy Museum’s virtual program, [“Spies & Spymasters Happy Hour: The Valentine Edition – Love & Lie Detection!”](#) an exploration of lie detection techniques from their roots, including discussion of polygraph provocateur and Wonder Woman creator William Marston, to the latest research into voice stress analyzers, micro-facial expressions, brain scans, and how the spy community has used such techniques over the years and currently.
5. January 6, 2021 – Zoom virtual presentation delivered to a group of 21 high school students from [The Stone Independent School](#) in Lancaster, PA. Presented a discussion on the various career fields associated with forensic sciences and criminal justice and some real-world criminal cases.
6. November 11, 2020 – Guest speaker for the Towson High School, Baltimore County, Maryland, forensic sciences class taught by Mr. Douglas Hanford. The presentation was delivered virtually using the Google Meet platform to over 75 students from Towson High School. This was the first time that the Baltimore County Public School System allowed for a guest to present to their students in a virtual learning format.
7. October 28, 2020 – Presented a third-hour virtual crime scene processing and protection lecture and mock crime scene demonstration for the University of Maryland Baltimore County’s Department of Emergency Medical Services students.
8. **October 14, 2020** – Presented a virtual workshop for the NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS (NEAFS), 2020 [NEAFS Virtual Annual Meeting](#). The topic title was [“Public Speaking for Criminal Justice Professionals – A Manner of Speaking.”](#) Tom introduced his newly published book with the

- same title. The workshop was presented virtually LIVE on ZOOM from 9:30 am to 12:00 noon to over 60 participants.
9. October 6 and 21, 2020 – Presented two one-hour virtual workshops on the Security Clearance Process to approx. 30 students from the University of Maryland Federal and Global Fellow program
  10. September 16, 2020 – Presented a virtual two-hour workshop for the Stevens Institute of Technology, Hoboken, New Jersey, Scholarship for Service (SFS) Scholars, entitled, “*Security Clearance and Background Investigation Processing and the Polygraph Examination.*”
  11. July 22, 2020 – Guest speaker and instructor for the State of California, Department of Justice, Friction Ridge (Fingerprints) Study Group. The two-hour training session was presented in a virtual webinar format. The topic title was “*Public Speaking for Criminal Justice Professionals – A Manner of Speaking.*” Tom introduced his newly CRC Press published book with the same title. The webinar was presented LIVE to over 150 participants from across the U.S. and was recorded for longterm training for their members.
  12. November 25, 2019 – Presented a third-hour crime scene processing and protection lecture and mock crime scene demonstration for the University of Maryland Baltimore County’s Department of Emergency Medical Services students.
  13. October 17, 2019 – Presented a forensic crime laboratory lecture for Professor Erin Guthrie’s Anthropology class, ANTH 221, on campus at College Park, Maryland.
  14. October 10, 2019 – Presented a forensic sciences/crime scene investigation lecture for the Anne Arundel County Maryland High School Forensic Science Program.
  15. October 3, 2019 – Dinner Speaker for the Maryland Criminal Defense Attorneys’ Association Dinner Meeting held at the Union Jack’s Restaurant, Columbia, Maryland. The title of the presentation was, “Truth and Lies of the Polygraph: Eliminating the mystery, misconceptions, and anxiety of the polygraph process.”
  16. August 18-31, 2019 - Presented a Forensic Sciences Lecture Series on Royal Caribbean Cruise Ship. As an Enrichment Guest Lecturer for the cruise presented 5-one hour lectures on various forensic sciences and crime scene investigation topics.
  17. March 21 and 26, 2019 - Guest speaker for two of the Anne Arundel County Public Schools, Maryland, Forensic Science Speaker Series Programs. Forensic science students from several of the high schools in the county attended the event on March 21st at Old Mill High School in Millersville and other groups of high school students on March 26th at Glen Burnie High School in Glen Burnie.

18. November 27, 2018 - Guest speaker at the Anne Arundel County Public Schools, Maryland, Forensic Science Speaker Series Program. Forensic science students from across the county attended.
19. September 29, 2018 – Tom was invited to be the discussion facilitator at the Baltimore Book Festival book signing where the author, David Reichenbaugh presented and signing his new book based on the 2002 Washington Beltway Sniper Case, “In Pursuit: The Hunt for the Beltway Snipers.”
20. April 25, 2018 – presented at the monthly meeting of the Advisory Committee for the Center for Forensic Excellence (CFE), an overview of the FORENSIC FOOTWEAR COLLECTION PROJECT.
21. April 21, 2018 – presented a lecture at the Notre Dame of Maryland University annual conference. The subject of the presentation was, “The Truth and Lies of the Polygraph.”
22. April 3, 2018 – Met with a delegation from Chongqing Police College (China), and presented an overview of the activities, research, and training programs provided to students at the Crime Laboratory and Mock Crime Scene Facility on the University of Maryland Campus.
23. June 3, 2016 – The Center for Forensic Excellence held its second meeting of area prosecutors, law enforcement officials, and forensic leaders at Stevenson University’s Owings Mills campus, Baltimore County, Maryland. Presented at a breakout session at the event on the subject of the polygraph examination. The title of his presentation was “The Truth and Lies of the Polygraph.”
24. April 12, 2016 – Presented at the Industrial Security Awareness Council of Central Maryland (ISAC-MD) Annual Training Seminar held at the Johns Hopkins Applied Physics Laboratory (APL) Kossiakoff Center, Laurel, Maryland. The theme for the event was “Celebrating 10 Years of Security Excellence.” Presented his education topic, “The Flipped Classroom – Turning Your Security Education Program Upside-down” to over 200 security professions.
25. April 4, 2016 – Hosted a group of 30 law enforcement officials from the People’s Police Academy of Vietnam (PPA), introducing them to the academic and training contain and crime lab facilities at the University of Maryland.
26. April 4-6, 2016 – Presented at the Impact 2016 National Security Institute’s 31st Annual Security Forum held in Chantilly, Virginia. Presenting an Education Session entitled “The Flipped Classroom – Turning Your Security Education Program Upside-down.”
27. October 29, 2015 – Presented a forensic sciences lecture for an after school program sponsored by the YMCA YOUTH AND FAMILY SERVICES at the Albert Einstein High School in Montgomery County, Maryland.

28. November 24, 2015 – Guest speaker for the NCMS Chesapeake Bay Chapter Annual Seminar at the Johns Hopkins University Applied Physics Laboratory, Laurel, Maryland. The topic was the “Truth and Lies of the Polygraph.”
29. October 20, 2015 – Guest lecture for Professor Marilyn London’s Forensic Anthropology class at the University of Maryland. The presentation included a tour of the teaching crime laboratory and mock crime scene facility on the College Park campus.
30. September 8, 2015 – Guest lectured at Roosevelt High School, Greenbelt, MD, in four forensic sciences classes.
31. July 29, 2015 – Presented to middle schoolers from all over the State of Maryland attending the EXST016: SCIENCE DETECTIVES: AN INTRODUCTION TO FORENSIC SCIENCE Course sponsored by the University of Maryland Office of Extended Studies Young Scholars Discovery Program. The students got to learn about the crime lab, what college students learn, discussed criminal cases, and they were walked through three mock crime scenes.
32. July 28, 2015 – Presenting a one-hour brown bag type presentation to adjunct instructors for the US Department of Defense on the topic of “Flipped Classroom-Blended Learning” techniques used to transform traditional platform courses.
33. May 2, 2015 – Presented at the “DC Criminal Defense Lawyers Association Rights of Spring,” CLE session. The title of the presentation was “Evaluating a Case for the Need for An Expert.”
34. April 21, 2015 – presented to the Reservoir High School, Howard County Maryland, forensic sciences class who visited the UMD CCJS Crime Laboratory and received a presentation and demonstration of the forensic sciences activities in the lab and a walkthrough tour of the Mock Crime Scenes Facility.
35. September 26, 2014 – presented at the UMD - Learning Technologies Faculty Brown Bag Lunch Discussion Series on the topic of “A Flipped and Blended Learning Classroom – Turning your Course Up-Side-Down.”
36. July 23, 2014 - Guest lecture, Georgetown University, Summer Forensic Sciences Institute. Washington, D.C. Topic, “Forensic Pathology and Death Investigation.”
37. May 27, 2014 - presented a one- hour forensic sciences overview presentation to science students at the Triton Regional High School, Byfield, MA. The 60 plus students were studying forensic sciences and biology.
38. April 25, 2014, co-presented with Jun Yang, Division of Information Technologies, Course Developer, at the UMD’s "Innovations in



- Teaching and Learning Conference." The topic of the presentation was "Engaging Video Lectures in a Flipped Classroom."
39. December 13, 2013 - Guest speaker for three forensic science classes at Duval High School, Prince George's County, Maryland. The focus was on the forensic sciences techniques and the career field and mentorship.
  40. October 17, 2013 - Presentation for the UMD Federal Semester Program students preparing to go through the security clearance process for intern positions. The topic for discussion was the "federal security clearance process and the use of the polygraph."
  41. September 19, 2013 - presented at the Northeast Maryland Security Council (NMSC) Annual Seminar, Aberdeen, MD. The topic presented was "Critical Thinking — A 'Thought' Provoking Presentation" for the security professional.
  42. June 6 – 8, 2013 - at the Hyatt Regency Santa Clara CA, presented two presentations for the California Association of Licensed Investigators (CALI), 2013 Annual Conference. The first with "Critical Thinking for the Investigator," and the second was the "Truth and Lies of the Polygraph."
  43. May 18, 2013, presented four demos and presentations on the polygraph at the International Spy Museum's – Spy Fest 2013 – KidSpy Family Festival, Washington, DC.
  44. April 26, 2013 - presented for the Association of Forensic Science Students at The George Washington University, Washington, D.C. Topics included, "A Case of Double Jeopardy – How 3D Laser Scanning Clarified the Truth," and "The Truth and Lies of the Polygraph."
  45. September 3 – 7, 2012 - Guest speaker at the World Association of Detectives', 87th Annual Conference, held at the Boston Park Plaza Hotel Boston, MA. Topic, "Critical Thinking — A 'Thought' Provoking Presentation," for their worldwide audience of investigators and security professionals.
  46. March 29, 2012 - a guest lecturer at the UMD Shady Grove Campus, speaking to criminal justice students in the Special Topics in Forensic Sciences course. He lectured on the "Use of Forensic Interview Techniques during the Investigative Process."
  47. December 9, 2011 - Presentation "The Truth and Lies of the Polygraph" – Presented to the American Small Business Consortium – at the Loyola University Maryland: Graduate Center Columbia, MD.

iii. Workshops and Seminars

1. March 21, 23, and 24, 2023 – Presented three hands-on workshop for three groups of 30 students each from the Capital City Public Charter

- School, Washington, DC. The workshops included a lecture, crime lab exercises, and an examination of three mock crime scenes.
2. July 31 to August 6, 2022 – Attended the International Association for Identification (IAI) 2022 Educational Conference and presented a lecture on the use of the polygraph in criminal investigations and the employment screening process, and a four-hour workshop entitled, “Public Speaking for the Criminal Justice Profession.”
  3. March 25, 2022 - Delivered two presentations and one workshop at the Chesapeake Bay Division (CBD) of the International Association for Identification (IAI) Spring 2022 Educational Conference at the Wyndham Hotel, Gettysburg, PA. The presentation topics were “The C.S.I. Checklist App” and “The Truth and Lie of the Polygraph.” The four-hour workshop was “Public Speaking for the Criminal Justice Professional.”
  4. November 8-10, 2021 - Presented a virtual workshop for the Chesapeake Bay Chapter of the International Association of Identification (IAI) Fall Educational Conference. The topic was entitled, “Public Speaking for the Criminal Justice Professional.”
  5. August 1-7, 2021 – The “International Association for Identification’s 105th Educational Conference,” at Nashville, Tennessee’s Gaylord Opryland Resort, presented three in-person workshops entitled, “Public Speaking for Criminal Justice Professionals-A Manner of Speaking,” a presentation on the C.S.I. Checklist app, and an awareness presentation to the student group attending the conference on the topic of oral communications.
  6. April 12-16, 2021 – Speaker for the [Virtual California State Division International Association for Identification 2021 Annual Training Seminar](#). Presented a 2.5-hour workshop entitled, “Public Speaking for Criminal Justice Professions,” and a 30-minute presentation highlighting his new app, [C.S.I. Checklist](#).
  7. April 20, 2019 – presented a 2-hour forensic sciences workshop to 10 middle schoolers participating in the Prince George’s County, Maryland 4-H, Science Adventures Program sponsored by the University of Maryland Extension Services.
  8. March 1, 2019 – Presented a workshop at the Baltimore-Washington International Pen Show, BWI Airport Marriott, entitled, “Forensic Handwriting – What Makes your handwriting unique?” The workshop, hosted by The Queen’s Ink, Savage Mill, Maryland, discussed and demonstrated how an individual's handwriting is learned from an early age and then develops into unique individual characteristics. There were 35 participants at the workshop that was well received.

9. March 1, 2019 – Presented a workshop at the Baltimore-Washington International Pen Show, BWI Airport Marriott, entitled, “Forensic Handwriting – What Makes your handwriting unique?”
10. November 24, 2018 - Volunteer Instructor at the National Law Enforcement Museum, "Science Saturday - Fingerprints and Impression Workshop."
11. April 21, 2018 – presented a lecture at the Notre Dame of Maryland University annual conference. The subject of the presentation was, “The Truth and Lies of the Polygraph.”
12. April 10, 2018 – presented an 8-hour block of instruction and hands-on exercises in forensic sciences for the University of Maryland Police Training Academy.
13. November 7, 2017 – Presented a four-hour workshop on oral communications for the forensic scientist professionals at the Northeastern Association of Forensic Scientists (NEAFS) annual meeting held at the Kalahari Resort and Conference Center in Pocono Manor, PA.
14. July 10-21, 2017 – Taught a two-week workshop on the topic of “U.S. Criminal Justice System” to 26 police officers from China who are students at the Zhejiang Police College, Hangzhou, China.
15. May 23-24, 2017 – Featured Keynote Speaker at the “Keeping One Step Ahead (KOSA)” training conference for administrative assistants at the Johns Hopkins Applied Physics Laboratory, Laurel, Maryland. The topic presented each of the two days was “Critical Thinking — A ‘Thought’ Provoking Presentation,” which included a motivational discussion on critical thinking communication skills and a series of interactive exercises with the audience of 80+ participants each day.
16. May 18, 2017 – Presented a three-hour workshop on oral communications, and two additional briefings on the “polygraph” and “use of drones in public safety” at the NCMS – CHANNEL ISLANDS CHAPTER SPRING SECURITY SEMINAR, at the Courtyard by Marriott, Oxnard Ventura, CA. Approximately 80+ contractor security officers and federal agents were in attendance.
17. August 18, 2016 – Presented a daylong seminar to 30 mid-level police officers and graduate students from the People’s Police Academy of Vietnam. Topic presented was entitled, “Criminal and Crime Scene Investigations and the Application of the Forensic Sciences,” The seminar was hosted by the UMD BSOS – Office of International and Executive Programs (OIEP).
18. July 20, 2016 – Presented a 3-hour workshop and demonstration of the crime laboratory to 20 students enrolled in the summer course, ANTH221 – Introduction to Forensic Sciences. These students were

- participating in the summer three-week “Terp Young Scholars” Academic Program.
19. July 11-19, 2016 – Taught a two-week non-credit workshop for 30 Chinese Police Science students at the UMD. The students were undergraduates enrolled in Zhejiang Police College in China. The topic of the material focused on the US criminal justice system in general and then specifically on the police and forensic activities. The workshop was hosted by the BSOS - OIEP.
  20. October 27-28, 2015 – Presented three 2-hour seminars for the BSOS - OIEP at the UMD. The participants were supreme court judges of the Supreme People’s Court of Hunan Province, China. The topics included “Standards and procedural rules governing the introduction of expert testimony and scientific evidence in the U.S. court system,” “Strategies for responding to expert testimony and scientific evidence in the U.S. court system,” and “Appealing criminal convictions through the use of expert testimony and scientific evidence.”
  21. October 13-16, 2015 – Taught a four-hour workshop at the Northeastern Association of Forensic Scientists (NEAFS) annual conference in Hyannis, Massachusetts. The topic “Your Attention Please! – A Public Speaking Skills Workshop” presented to improve participant’s oral communication skills in the classroom, courtroom and conference room.
  22. October 6, 2015 – Presented two 2.5-hour workshops entitled “Your Attention Please – A Public Speaking Skills Workshop” at the Human Resources Research Organization (HumRRO), Alexandria, Virginia during their HumRRO Fall Conference.
  23. September 23, 2015 – Presented a four-hour workshop on how to integrate the use of video editing software to create a “Flipped Classroom – Blended Learning” course. The workshop was presented to adjunct instructors teaching courses for the US Department of Defense.
  24. September 15, 2015 – Taught an eight-hour block of instruction for ten police officer recruits attending the UMD Police Academy. Modules included crime scene processing and preservation of evidence, forensic sciences, and mock crime scene practical exercises.
  25. February 17, 2015, presented a half-day workshop at the American Academy of Forensic Sciences (AAFS) 67th Annual Scientific Meeting, Orlando, Florida. The workshop was entitled, "Your Attention, Please! - A Public Speaking Skills Workshop." A workshop to improve presentation skills through strategic planning, preparation, and performance.

26. September 11, 2014 - presented a "Critical Thinking" workshop at the Emerald Coast NCMS Chapter 21st Annual Seminar, Fort Walton Beach, Florida.
27. August 13-15, 2014 - Presented a workshop entitled, "Video Lecture Engagement Strategies in a Flipped Classroom" at the "Interactive Learning Technologies 2014 SALT® Conf.," held in Reston, VA.
28. May 20, 2014 - presented an 8-hour block of instruction for the UMD Police Academy's "Basic Police Training Academy." The topic of instruction was "Forensic Science Capabilities for the Law Enforcement Officer."
29. March 19, 2014, presented for the National Security Training Institute (NSTI), a 4-hour workshop on public speaking skills entitled, "Motivation through Communications," for senior security managers at the National Conservation Training Center, Shepherdstown, WV.
30. November 26, 2013 - taught an 8-hour block of instruction for the UMD Police Academy. The topic was "Identification, Protection, and Analysis of Forensic Evidence" - For the law enforcement officer.
31. July 11, 2013 - presented a "Gun Recognition and Identification for Professional Journalists," four-hour workshop sponsored by The Poynter Institute and the UMD College of Education.
32. June 25-28, 2013 - Co-sponsored and co-taught a forensic educators workshop for high school teachers, "Crime Scenes in the Classroom," at the UMD, CCJS Crime Laboratory.
33. April 18, 2013 - presented a four-hour workshop "Motivation through Communications - A Briefing Skills Presentation" to a group of senior security managers in government at the DNI/NCIX Senior Security Professional Seminar in Chantilly, VA.
34. October 31, 2012 - presented the four-hour workshop "Motivation through Communications - A Briefing Skills Presentation" to a group of senior security managers in government at the DNI/NCIX Senior Security Professional Seminar in Shepherdstown, WV.
35. April 19, 2012 - presented a leadership workshop, "Motivation through Communications —A Briefing Skills Presentation," at the Senior Security Professionals Seminar, for the National Counterintelligence Executive (NCIX) at St. Michaels, MD.
36. February 13, 2012 – 8-hour police training module - UMD Police Academy – Subjects included forensic sciences and evidence processing.

iv. Book Review

1. June 25-26, 2019 – The Leadership Initiatives, Inc., Youth Development Programs hosted the Advanced Law & Trial Internship Summit Tier II at Georgetown University. Professor Mauriello

provided training in crime scene processing and reconstruction to help guide the 24 students as they worked on a real criminal investigation. The training event included lectures, forensic science demonstrations, reconstructing the case crime scene, and a visit to Professor Mauriello's Crime Laboratory.

2. March 27, 2012 – Review of “Criminal Evidence,” by Samuel Newton and Teresa Welch, Wolters Kluwer/Aspen College Series.

v. Significant Works in Public Media

1. December 2018 – Interviewed by ABC News (Australia), who did a story on the recent serial murderer identified, Samuel Little in the United States. The TV news story entitled, “Identifying America’s ‘worst serial killer’ Samuel Little, discusses how new forensic technologies have increased the ability to link multiple murders from all across the U.S. to one person.
2. September 26, 2018 - Interviewed LIVE on Fox News by Laura Ingraham on Fox News’, “The Ingraham Angle Show.” The topic was the polygraph report resulting from the polygraph examination given to Christine Ford.
3. September 18, 2018 - Interviewed LIVE on Fox News by Laura Ingraham on Fox News’, “The Ingraham Angle Show.”. The subject was the use of the polygraph by Christine Ford, who accused Supreme Court nominee, Brett Kavanaugh, of sexually assaulting her when he was in high school.
4. April 26, 2018, interviewed on ABC TV7 News in Washington, DC, commenting on the police use of genealogy DNA databases to identify and apprehend Joseph James DeAngelo in Sacramento, California.
5. Quoted in an article on December 22, 2016, by Catherine Herridge, Fox News – National Security, about the use of the polygraph and subjects being accused of using “countermeasures” to beat the polygraph examination. The article is entitled, “Attorney: FBI singling out Chinese-American with the insider-threat program.” The article references a client who has been accused of using countermeasures in an attempt to pass his 5-year update polygraph.
6. May 20, 2016, The Columbus Dispatch Newspaper article, “Pike County killings still top priority for state investigators,” by Jennifer Smola & Holly Zachariah. Tom Mauriello discusses the criminal investigation process concerning this case of 8 family members murders in Pike County, Ohio.
7. November 2016 – Commentary and a crime laboratory ballistics demonstration for Discovery Channel’s Investigation Discovery (ID) production of episode 4, “Internal Affair,” in the series “Reasonable Doubt,” first aired on TV May 17, 2017.

8. June 4, 2016 – Appeared as a guest on the radio show “Crime Talk Radio” hosted by retired NYPD Homicide Detective, Joseph Giacalone. The show was broadcast on WRCN 103.9 FM Suffolk County, NY. Discussed the future of forensics, the forensics programs being taught in high school all over the country, and providing advice for students interested in forensics.
9. February 28, 2013 - Interviewed on WJZ TV 13 News, Baltimore, concerning the investigation into how Johns Hopkins gynecologist Nikita Levy secretly videotaped perhaps thousands of his patients.
10. February 23, 2013 – Interviewed on CTV News reference a discussion about the US Supreme Court arguments reference the collection of DNA and 4th amendment violations.
11. Interviewed by WUSA TV 9 News, Washington, D.C. – Forensic Evidence from the Chandra Levy Death Investigation in Washington, D.C.
12. Interviewed by WJZ TV News, Baltimore – Highlighting the six crime scene dioramas used in the CCJS crime laboratory and my book, “The Dollhouse Murders.”
13. Interviewed and conducted an on-camera analysis for the Investigation Discovery (ID) Cable TV Channel – “Forensic You Decide” Series – Episode 13, “Silent Witness.” Conducted an experiment comparing the blood spatter caused by a blood-soaked dog at a crime scene with an impact spatter caused by a blunt force object striking the head of a human.
14. Interviewed and conducted an on-camera analysis for the Investigation Discovery (ID) Cable TV Channel – “Forensic You Decide” Series – Episode 5, ‘Caught on Tape,’ – Demonstrates evidence uncovered by forensic consultant, Tom Mauriello in a Baltimore City Arson/Homicide Case.
15. On-camera demonstration in a CCJS 320 lecture hall class for WUSA, Channel 9 TV News. The subject of the experiment was the credibility of Eyewitness Testimony.
16. Interviewed on MSNBC Cable News with Lester Holt Live, discussing the “CSI Effect.”
17. Interviewed on Fox Cable News, “The O’Reilly Factor Show” with Bill O’Reilly the same evening, the Washington D.C. Snipers were arrested to discuss the forensic evidence and investigation.
18. Interviewed on ABC World News – Discussing the forensic evidence in the O.J Simpson Murder Trial.
19. Interviewed by Erin Moriarty on CBS Sunday Morning News, reference the Madrid, Spain Train Terrorist Bombing, and the initial suspect, Brandon Mayfield concerning the reliability of fingerprints.

20. Interviewed on UMD Cable TV Show, “Researching Maryland,” discussing how scientists assist in criminal investigations.
21. Produced the video, “Truth and Lies About Polygraph,” used by U.S. government and contractor personnel preparing to take a polygraph examination as part of their security processing.
22. On camera forensic investigator for the Discovery Channel’s documentary, “Lizzie Borden Had An Ax,” where he reinvestigated the Lizzie Borden double murders committed in 1892.
23. Created and produced the webcast TV show, “ForensicWeek.com,” hosting 80 episodes interviewing forensic scientists and investigators from all over the world. See [www.forensicweek.com](http://www.forensicweek.com)

### **III. Teaching, Extension, Mentoring, and Advising**

#### **a. Courses Taught**

- i. Past courses taught for CCJS between 1977-1980:
  1. LENF 100 – Introduction to Criminal Justice
  2. LENF 220 – Introduction to Investigations
  3. LENF 350 – Police Community Relations
- ii. CCJS 320 – Introduction to Criminalistics
  1. Created the course in 1980
  2. Began teaching it in Fall 1980 and teaching it to the present.
  3. At the same time created the CCJS Crime Laboratory (presently in 2401 Marie Mount Hall) with the State of Maryland funds associated with the construction of LeFrak Hall, the laboratory’s original location.
  4. 2015 Created the CCJS Mock Crime Scene Facility – 0406 Marie Mount Hall
- iii. CCJS 318c – Public Speaking for Criminal Justice Professionals
  1. Created the course in 2020.
  2. Began teaching it in Fall 2022 and teaching it exclusively to the present.

#### **b. Teaching Innovations**

- i. Fall 2013 transformed CCJS 320 into a “Flipped Classroom Blended Learning” format producing 81 video lectures on Camtasia software and integrating it into Canvas, the UMD’s new learning management system (LMS).

#### **c. Course and Curriculum Development**

- i. 2020 – Developed a course and curriculum for future consideration to be taught for CCJS, “Public Speaking for the Criminal Justice Professional.”
- ii. 1980 - Developed the course and curriculum for CCJS 320.
- iii. 1980 - Developed the CCJS 320 Crime Laboratory to integrate curriculum for the CCJS 320 course.



- iv. 2012 - Developed a three-day course for the US Department of Defense Special Agents, “Critical Thinking for the Investigator.”
- v. 2015 - Developed a two-week seminar for high school teachers who teach forensic sciences courses.
- vi. 2016 - Developed a 30-hour course for OIEP presented to police officer college students from China. The field of study - “U.S. Criminal Justice System.”
- vii. Developed and presented an 8-hour curriculum of study and training for police officers attending the UMD Police Training Academy in the areas of forensic sciences and crime scene investigation.

d. Mentorship

- i. Mentor students preparing for internships requiring government clearances in the UMD, Federal Semester, Global Semester, & Individual Studies Programs.
- ii. Written hundreds of letters of recommendation and have been interviewed regularly for students applying for employment; graduate, law and medical schools; internships; study abroad programs; government clearances; and scholarships.
- iii. Fellow and Faculty Mentor for the UMCP Gemstone Program from 1999-2002 for the “Non-Lethal Weapons Research Team.” At their graduation, 22 May 2002, the team was honored with “The Outstanding Gemstone Team Research Presentation Award.” For three years met with this team weekly; brought them to the University of New Hampshire for an annual DoD Non-Lethal Weapons Conference, where they participated in presenting their research in a poster format.
- iv. Formal faculty mentor for a student (Reggie Jones) participating in the UMCP Baltimore Incentive Awards Program from 2002-2004. Meet with him monthly throughout the program, and during his senior year, he was a student in my CCJS 320 class and then my Teaching Assistant for the same class.
- v. Mentored a student participating in the Individual Studies Program (IVSP) from approximately 2002-2006. Assisted in developing a curriculum for him integrating CCJS/forensic sciences/chemistry and biology courses, to create his own major entitled, “Forensic Investigations.” He went on to graduate from the University of Miami Law School and is now an attorney.
- vi. Mentored a UMD Shady Grove student, David Miller, a recipient of the Camille and Clifford Kendall Endowed Scholarship/USG Kendall Scholars Mentoring Program, 2011-2012.
- vii. March 27, 2012 - Review of UMD Gemstone Team research report, “Trigger: Testing the Reliability of the Identification of Guns through Gemstone Research.”
- viii. Mentor for the UMD Federal and Global Semester Programs providing guidance for students concerning national security processing.

#### IV. Service and Outreach

- a. Committees, Professional & Campus Services
  - i. 2016-2017 Outreach Committee, General Section, American Academy of Forensic Sciences.
  - ii. February 2012 & 2014 - Moderator for the American Academy of Forensic Sciences (AAFS) General Section scientific session at the 64th and 66<sup>th</sup> AAFS Scientific Meeting held at the Washington State Convention Center in Seattle.
  - iii. March 2014 & 2016 - Judge at the Mt. Saint Mary's University, Emmitsburg, MD, C.S.I. Challenge Competition, where two groups of 6 CCJS students participated in both competitions, demonstrating their crime scene investigation skills.
  - iv. 2015 to present - Board Member for the Stevenson University, Center for Forensic Excellence.
  - v. Security Clearance Consultant for the UMD Federal and Global Semester Program.
  - vi. 2014 - 2015-2016 - Maryland Day – Participated in presenting the activities of the CCJS Crime Laboratory.
  - vii. Created crime scenes and related scenarios at the National Academy of Sciences' (NAS) Marian Koshland Science Museum on two occasions in 2004 and 2206. The program was entitled, "Murder in the Museum," a program where participants paid a fee to investigate a mock crime and crime scene and learn about the forensic sciences and investigative process.

*Thomas P. Mauriello*

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Date: