

**CURRICULM VITAE
MARILYN T. MILLER**

PERSONAL INFORMATION:

Name: Marilyn Alice Tebbs Miller

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EDUCATION:

Ed.D. Johnson & Wales University-Educational Leadership, 2003

M.S. University of Pittsburgh-Forensic Chemistry, 1978

B.A. Florida Southern College-Chemistry, 1977

A.A. Manatee Jr. College-University Parallel Program, 1975

ACADEMIC APPOINTMENTS:

Associate Professor, Tenured, Department of Forensic Science, College of Humanities and Sciences, August 2006-present.

Associate Professor, Undergraduate Program Director, and the L. Douglas Wilder School of Government and Public Affairs, August 2006-May 2008.

Assistant Professor, Department of Forensic Science and the L. Douglas Wilder School of Government and Public Affairs, August 2004-2006.

Fellow, Henry Lee Institute of Forensic Science, 1998-present.

Instructor, National Crime Scene Training Center, 2003-present.

Instructor, Forensic Science, Talent Identification Program, Duke University, 1999, 2000, 2001, 2003, 2005.

Assistant Professor and Director of Undergraduate Program, Forensic Science Program, Department of Criminal Justice, University of New Haven, August 2001- August 2004.

Instructor and Forensic Laboratory Coordinator, Forensic Science Program, Department of Criminal Justice, University of New Haven, January 1996 - August 2001.

Instructor and Adjunct Faculty, Department of Chemistry, Manatee Community College, January 1987-June 1990 and August 1978-February 1979.

PROFESSIONAL LABORATORY EMPLOYMENT:

Supervisor, Forensic Services Unit, City of Asheville Police Department, Detective Division, August 1994-December 1995.

Director and Founder, Forensic Laboratory, Manatee County Sheriff's Office, Detective Division, 1994 and 1987-1990.

Director, Founder, and Supervisor, Forensic Laboratory and Forensic Services Unit, Sarasota County Sheriff's Department, 1990-1994,

Forensic Chemist, Forensic Laboratory, Lee County Sheriff's Office, 1980-1987.

Forensic Scientist, Pittsburgh-Allegheny County Crime Laboratory, 1979-1980.

CURRENT PROFESSIONAL MEMBERSHIPS:

Member, Crime Scene/Death Investigation Scientific Area Committee within the Organization of Scientific Area Committees (OSAC) of National Institute of Standards and Technology (NIST) (national level appointment in September 2014 to March 2018).
Chair, Crime Scene Investigations Subcommittee, appointed January 2016-March 2018, OSAC, NIST.
Affiliate member, OSAC/CS Subcommittee, March 2018-present.
Fellow, Criminalistics Section, American Academy of Forensic Sciences
Southern Association of Forensic Scientists
International Association for Identification, 2015-2019

SPECIAL AWARDS:

Distinguished Teacher Award, University of New Haven, 1997-1998.
The Great Profs of Connecticut, *Hartford Courant*, 2002.
NCAA, Faculty Athletic Representative, University of New Haven, 2002-2004.
Founder's Award, American Academy of Forensic Science, Young Forensic Scientists Forum, February 22, 2006. In recognition of "Outstanding Contributions to Young Forensic Scientists."
Distinguished Teaching Award nominee, VCU College of Humanities and Sciences, 2012, 2013.

RESEARCH

Publications:

Menchoff, S., Delacruz, M., Hytinen, M., Cox, J., **Miller, M.**, and Dawson Cruz, T. (March 2020) Vol 65; 2. "DNA Purification Cell Lysis and Wash Step Modifications for Low-Template DNA Sample Processing". *Journal of Forensic Science*, pp.597-600.

Colella, O., **Miller, M.**, Boone, E., Buffington-Lester, S., Curran, F., and Simmons, T. (July 2019). "Effect of Time and Temperature on the Persistence and Quality of Latent Prints Recovered from 60-watt Incandescent Light Bulbs", *Journal of Forensic Science*. 64:4.

Miller, M. & Massey, P. (August 2018). *The Crime Scene: a Visual Guide, 2nd Edition*. San Diego: Elsevier.

Miller, M. (February 2018). *Crime Scene Investigation Laboratory Manual, 2nd Edition*. San Diego: Academic Press/Elsevier.

Solomon, A., Hytinen, M., McClain, A., **Miller, M.**, and Dawson Cruz, T. (2018). "An Optimized DNA Analysis Workflow for the Sampling, Extraction, and Concentration of DNA obtained from Archived Latent Fingerprints." *Journal of Forensic Science*. 63(1), pp 47-57.

Holsinger, C. and **Miller, M.** (Spring 2017). "Leica ScanStation C10 Scanner with use of Alternate Light Sources". *Chesapeake Examiner* (publication of the Chesapeake IAI), Vol. 55 (1), pp.34-40.

Hytinen, M., Solomon, A., **Miller, M.**, and Cruz, T. (2017). "Methods for Obtaining High-Quality Touch DNA from a Nonporous Surface after Latent Fingerprint Collection." *Journal of Forensic Identification*. 67(1), pp 71-84.

Miller, M. & Massey, P. (January 2016). *The Crime Scene: a Visual Guide*. San Diego: Elsevier.

Miller, M., & Jones, P. (2014). "Chapter 3: Crime Scene Investigation", in *Forensic Science: An Introduction to Scientific And Investigative Techniques* (4th Ed.), Nordby, J, James, S., and Bell, S.(Eds.), Boca Raton, FL: CRC Press.

Peak, K., Zellner, H. and **Miller, M.** (2014) "Castoff Bloodstain Patterns: Not Your Usual Bloodshed Mechanism?", *Journal of the Chesapeake Section of the IAI*.

Miller, M. (February 2014). *Crime Scene Investigation Laboratory Manual*. San Diego: Academic

Press/Elsevier.

- Miller, M.** (July 2011). Book Review. "An Introduction to Crime Scene Investigation" by Aric W. Dutelle. In *Investigative Sciences Journal*, Vol. 3 (2).
- Miller, M.** (March, 2011). Book Review. "Criminalistics: Forensic Science, Crime, and Terrorism" by James Girard. In *Investigative Sciences Journal*, Vol. 3 (1).
- Lee, H., Palmbach, T., and **Miller, M.** (In progress 2010). *Henry Lee's Crime Scene Handbook (2nd Edition)*. Boston: Academic Press-Elsevier.
- Miller, M.** (2009). "Chapter 35-Crime Scene Reconstruction" in *Forensic Sciences*, Wecht, C. (Ed.), Lexis-Nexis.
- Miller, M.,** (2009). "Chapter 10: Crime Scene Investigation", in *Forensic Science: An Introduction to Scientific And Investigative Techniques (3rd Ed.)*, Nordby, J. and James, S., (Eds.), Boca Raton, FL: CRC Press.
- Miller, M.** (2008). "Eyewitnesses, Physical Evidence, and Forensic Science: A Case Study of State of NC v. James Alan Gell". *Victims and Offenders*. 3:142-149.
- Miller, M.** (2001). "Obtaining Forensic Science Internships", *Young Forensic Scientists Forum Newsletter*, in *AAFS Academy News*, (Vol. 31) 3.
- Lee, H., Palmbach, T., and **Miller, M.** (2001). *Henry Lee's Crime Scene Handbook (1st Edition)*. Boston: Academic Press-Elsevier.
- Miller, M.,** (2002). "Chapter 9: Crime Scene Investigation", in *Forensic Science: An Introduction to Scientific and Investigative Techniques (1st Edition)*, Nordby, J. and James, S., (Eds.), Boca Raton, FL: CRC Press.
- Miller, M.,** (2005). "Chapter 10: Crime Scene Investigation", in *Forensic Science: An Introduction to Scientific and Investigative Techniques (2nd Ed.)*, Nordby, J. and James, S., (Eds.), Boca Raton, FL: CRC Press
- Miller, M.,** "Serology" in *Forensic Science*, Godwin, M. (Ed.), Totowa, NJ: Humana Press. (In progress)
- Miller, M.,** *Forensic Chemistry*, Boston, MA: Elsevier. (Textbook proposal submitted to publisher).

Abstracts:

- Jackson, M., Millard, D. and **Miller, MT.** Bloodstain Pattern Analysis using 3-D Laser Scanning Technology. Poster session at American Academy of Forensic Sciences, New Orleans, LA, February, 2017.
- Millard, D. and **Miller, MT.** Gunshot Residue Analysis by Use of 3-D Laser Scanning. Poster session at American Academy of Forensic Sciences, New Orleans, LA, February, 2017.
- Solomon AD*, Hytinen ME, McClain AM, **Miller MT**, Dawson Cruz T. Improved Methods for Retrieval and Extraction of DNA from Tape-Lifted, Paper-Backed Stored Archived Latent Fingerprints. Poster session presented at: Gordon Research Conference: Forensic Analysis of Human DNA. 1st Conference; 2016 June 19-24; Waterville, NH.
- Solomon AD*, Hytinen ME, McClain AM, **Miller, MT**, Dawson Cruz T. Optimizing Traditional Methods for the Sampling, Extraction and STR Typing of DNA from Archived Latent Fingerprints. Oral presentation at: Mid-Atlantic Association of Forensic Scientists. 2016 May 17-20; Richmond, VA.
- Solomon, A*, Hytinen, M., McClain, A., **Miller, MT**, Dawson Cruz, T., Improved Methods for Retrieval and Extraction of DNA from Tape-Lifted, Paper-Backed Stored Archived Latent Fingerprints. Oral presentation at: American Academy of Forensic Sciences. 68th Annual Conference; 2016 February 22-27; Las Vegas, NV.
- Solomon, A*, Hytinen, M., McClain, A., **Miller, MT**, Dawson Cruz T. Improved Methods for Retrieval and

Extraction of DNA from Tape-Lifted, Paper-Backed Stored Archived Latent Fingerprints. Poster session presented at: International Symposium of Human Identification. 26th Annual Conference; 2015 October 12-15; Grapevine, TX.

Hytinen M*, Solomon AD, McClain AM, **Miller MT**, Dawson Cruz T. Methods for Obtaining STR-Quality Touch DNA from a Non-Porous Surface after Latent Print Collection. Poster presentation at: American Academy of Forensic Sciences. 68th Annual Conference; 2016 February 22-27; Las Vegas, NV.

Nguyen, J*, Jadeja, K*, and **Miller, MT**, Cell Phone Camera Photographs and AFIS Sufficiency. Poster presentation, AAFS, Washington, DC, February 2013.

Miller, M.* Is FEPAC Opening the Employment Door? For the national meeting of the American Academy of Forensic Sciences, Chicago, IL. Meeting Program and Abstracts, Criminalistics Section, February 2011.

Miller, M.* Forensic Science in Song Lyrics-Really! For the national meeting of the National Science Teachers Association, March 2010.

Dimarchi, E., Zhang, L. and **Miller, M.*** Microscopic Characteristics of Medium Force Impact Spatter on Textiles. Poster presentation for the national annual meeting of AAFS, San Antonio, TX. Meeting program and abstracts: General Section, February 2007.

Miller, M.* Accreditation Standards for Undergraduate Forensic Science Programs. For the national meeting of the American Academy of Forensic Sciences, Chicago, IL. Meeting Program and Abstracts: Criminalistics Section, February 2003.

*presenting author.

Other Media:

Clues in Crime: The Role of Forensic Science in Criminal Investigations. (July 2002). Presented by **Marilyn T. Miller**. An educational, interactive CD-ROM. Produced by Duke University/Talent Identification Program and Eduscreen/erroyo, Knoxville, TN.

Miller, M., (March 1998). *Bloodstain Pattern Analysis IV: Bloodstain Exercises*, an educational video, filmed at the Henry Lee Institute of Forensic Science. Produced by the Law Enforcement Television Network, Carrollton, TX (LETN Video #184-0088).

Presentations:

Invited Presentations at National Conferences/Meetings/Symposia:

“Crime Scene Investigation”; at the national meeting of Federal Defenders, Philadelphia, November 2000.

“Crime Laboratory Accreditation and Quality Control”, at the national meeting of Federal Defenders, Philadelphia, November 2000.

“Forensic Science Careers: Myth or Reality?” Young Forensic Scientist’s Forum, at the national meeting of American Academy of Forensic Sciences, Seattle, February 2001.

“Teaching Forensic Science”, at the National Forensic Science Educational Conference, American Academy of Forensic Sciences, October 2002.

“Forensic Science Careers-Learning Outcomes”, Young Forensic Scientist’s Forum, at the national meeting of the American Academy of Forensic Sciences, Chicago, IL, February 2003.

“Accreditation Standards for Undergraduate Forensic Science Programs”, Plenary Session, at the national meeting of the American Academy of Forensic Sciences, Chicago, IL, February 2003.

“Forensic Science for Health Sciences Curriculum”, at the National Consortium on Health Science Education Conference, Chicago, October 2004.

“The Presence of Forensic Science in Criminal Justice”, a round-table at Academy of Criminal Justice Sciences, 43rd Annual Meeting, Baltimore, MD, March 4th, 2006.

“That Case You Never Thought You’d See”, Young Forensic Scientist’s Forum, at the national meeting of the American Academy of Forensic Sciences, San Antonio, TX, February, 2007.

“Forensic Science and CSI: Reel v. Real”, National Forensic Science Educational Conference, VCU, Summer 2007.

“Forensic Science in Song Lyrics-Really!”, National Association of Science Teachers, Philadelphia, PA, March, 2010. (Presentation cancelled due to testifying in murder trial in New Hampshire).

“Is FEPAC Opening the Employment Door?”, Plenary Session, at the national meeting of the American Academy

of Forensic Sciences, Chicago, IL, February 2011.
“Crime Scene Reconstruction”, Zhejiang Police College, Hangzhou, China. Sept 24-October 1, 2011.
“Crime Scene Investigation, Serology, and Bloodstain Pattern Analysis” Webinar for the North Carolina Advocates for Justice, November 16, 2011.

Invited Presentations at Regional Conferences/Meetings/Symposia:

“Fatal Fire Investigations in Asheville NC”; at the annual Arnold Markle Symposium, March 1997.
“Bloodstain Pattern Analysis”; at the annual Arnold Markle Symposium, March 1998.
“Crime Scene Reconstruction” and “Bloodstain Pattern Analysis-Uses and Limitations”, presented to New York City criminal justice system professionals at the NYC-CLE Seminar-Forty Years after Gideon, Cordozo School of Law, July, 2003.
“Forensic Science for Educators”, sponsored by the Tennessee Department of Education and Health Science Education, Middle Tennessee State University, July 2004.
“Forensic Science is not CSI!” Keynote speaker. Chesapeake Bay Science Symposium, VCU, March 11, 2006.
“Forensic Crime Scene Investigation”, New Hampshire Public Defenders’ Office, Loon Mountain, NH, May 4, 2006.
“Forensic Science”, presented to the Richmond Area Dentist’s Association, Richmond, VA, April 3, 2007.
“Forensic Science and CSI: Reel vs Real” Virginia Section of the American Chemical Society, December 2007.
“Forensic Science and CSI” Keynote Address, Virginia Association of Community Colleges, Physical Sciences Professional Development Conference, November, 2008.
“Forensic Science as Science”, Keynote Speaker, SERMACS, Richmond, VA, October 29, 2011.
“Evidence Collection and Enhancement”, MS Public Defenders Conference, Biloxi, MS, April 26, 2012.
“CSI Reel vs. Real”, Health Diagnostic Laboratories, Science Week, April, 2013.
“Crime Scene Investigations and Criminal Defense Lawyer: Questions that need to be Asked”, TN Criminal Defense Lawyers, annual training meeting, Nashville, TN, August 6 & 7, 2015.
“Science-based Crime Scene Investigation”, Duke University Law School’s Innocence Project, Whiskey in the Courtroom, March 4, 2016.
“Crime Scene Reconstruction”, Duke University Law School’s Innocence Project, Whiskey in the Courtroom, March 3, 2017.
“Crime Scene Investigation and Reconstruction”, 8 hour CEE training, NYC Legal Aid Society, November 30, 2018.

Invited Presentations at Colleges/Universities:

“Forensic Science is Not TV’s CSI”, Florida Southern College, Science Lecture Series, March 2003.
“Forensic Science is not TV’s CSI”, Life Sciences Professional Day at Manchester Community College, April 5, 2003.
“Careers in Forensic Science”, VCU Forensic Science Club, 2004, 2005, 2006, and 2007.
“Forensic Science”, University of Richmond, ACS Student Affiliates, April 6, 2006.
“So You Think You Know CSI?”, Fall Festival, VCU, October 2006.
“CSI: Reel or Real”, Forensic Science Student Club presentation, VCU, March 5, 2007.
“CSI vs. Forensic Science”, presented to the LFSC 101 classes, November 1, 2006, April 4, 2007, and March 2008.
“Forensic Science for Middle School Science Teachers”, Urban Teachers Institute, VCU/J. Sargeant Reynolds Community College, Summer 2007.
“Forensic Science”, Randolph Macon College, ACS student Affiliates, September 2007.
“Careers in Forensic Science”, Virginia State University, Association of Women Chemists, Virginia Chapter of the American Chemical Society, February 11, 2011.
“Homicide in Mocksville: a Case Study in Crime Scene Reconstruction”, Forensic Science Club and FRSC 570 Seminar presentation, VCU, December 8, 2010.
“CSI Reel vs. Real”, JTCC Science Club, March, 2013.
“Unusual Connections: Bloodstain Patterns and Theater Arts”, VCU Depot for Grace Harris Leadership group, October, 2014.
“Bloodstain Patterns in the Movies”, for FRSC 592 Seminar, January, 2015.
“No Cause of Death and a Daubert Hearing:the Case of James Robarge.”, Forensic Science Student Club,

November, 2, 2015 and April 9, 2019.

“Homicide in Mocksville: a Case Study in Crime Scene Reconstruction-revised”, Forensic Science Club and FRSC 570 Seminar presentation, VCU, October 5, 2016 and October 2018.

Invited Manuscript Reviewer for:

Forensic Chemistry, Freeman & Company, September 2003.

Crime Scene Investigation, the Law, and Criminalistics, Delmar Publishing of Thomson Learning, June 2005.

“Crime Scene Reconstruction Using a Fully Geomatic Approach” article reviewed for *Sensors Journal*, September 2008.

True Forensic Crime Stories and the Science of Fingerprints, Chana Stiefel, Enslow Publishers, November 2009.

Dead Men Do Tell Tales: True Forensic Crime Stories and the Science of Hair and Fiber Evidence, Stephen Eldridge, Enslow Publishers, January 2010.

Editorial Board, *Journal of Toxicology and Pharmacology*, January 2012-present.

Editorial Board, *Journal of Forensic Investigations*, January 2012-present.

TEACHING

Courses Taught:

At Manatee Community College-as adjunct & full-time faculty-

General Chemistry with Laboratory I & II

General Chemistry, Organic Chemistry and Biochemistry for nursing students.

General Chemistry for Fire Science majors.

Organic Chemistry with Laboratory I & II

At University of New Haven-

CJ 215-Introduction to Forensic Science-1996 to 2002, 15 sections.

CJ 303 or 304-Forensic Lab I and II-1996-1999, 2003-2004, 10 sections.

CJ 404-Advanced Forensic Lab II (Forensic Chemistry)-1996,2000-2004, 5 sections.

CJ 415-Crime Scene Investigation-1996-2004, 28 sections.

CJ 416-Forensic Science Seminar-1997-2004, 12 sections.

CJ 621-Criminalistics I Laboratory-1996.

CJ 641-Criminalistics II Laboratory-1997.

At Virginia Commonwealth University-

CRJS 320-Principles of Criminal Investigation, CSI- 2004-present, 3 sections.

CRJS 370-Criminalistics and Crime Analysis, 2005, 1 section.

FRSC 202-Crime and Science*, a general education science course; to be taught for the first time in Spring 2009.

FRSC 309-Scientific Crime Scene Investigation*, 2004-present, 66 sections.

FRSC 350-Survey of Forensic Science, 2005-present, 5 sections.

FRSZ 350L-Forensic Lab Practices, 2004-present, 3 sections (no longer available).

FRSC 391 Special Topics: Advanced Crime Scene Investigation*, Spring 2008 and 3-D Laser Scanning for Crime Scene Documentation*, Fall 2015, 2017, 2018.

FRSC 401-Forensic Chemistry*, 2004-present, 3 sections.

FRSC 490-Professional Practices in Forensic Science (service learning course)*, Fall 2006 -present, 19 sections.

LFSC 591-Forensic Crime Scene Investigation*, Summer 2005.

LFSC 591-Survey of Forensic Science*, Summer 2006.

FRSC 565/665-Scientific Crime Scene Investigation*, Fall 2006-present, 16 sections.

FRSC 566-Advanced Crime Scene Investigation*, Spring 2011-present, 15 sections.

*proposed, developed and established course into curriculum.

At the Henry Lee Institute of Forensic Science-

- “Crime Scene Investigation”, Police Officers Standards Training, Connecticut State Police Forensic Laboratory, April 1997.
- “Bloodstain Pattern Analysis”, March 1998, June 2003-July 2012.
- “Forensic Science for High School Science Teachers”, July 2000-July 2013.
- “Forensic Biology for Law Enforcement”, June 2003.
- “Crime Scene Investigation”, Kauai Community College, Professional Development Department & Kauai Police Department, Kauai, HI, August 2007.

At the National Crime Scene Training Center (NCSTC) affiliated with the Henry Lee Institute of Forensic Science-

- “Presumptive Tests and Enhancement Reagents”, Intermediate Crime Scene Investigation Class, NCSTC, 2003-2004 (2-3 times per year).
- “Bloodstain Pattern Analysis”, Advanced Crime Scene Investigation Class, NCSTC, 2003, 2004, 2005, 2006, 2007 (3-4 times per year).

Other Educational Workshops/Symposia/Lectures

National/International

- “Estudio de los Patrones de Manchas Hemáticas en la Escena del Crimen”, El Instituto Jalisciense de Ciencias Forensis, Guadalajara, Jalisco; Mexico, August 15-19, 2005.
- “Crime Scene Reconstruction”, Zheijiang Police College, Hangzhou, China. Sept 24-October 1, 2011.

Regional/Local

- “Forensic Serology”, Microbiology, Manatee Community College, 1987, 1988, 1989, 1990, 1991, 1992.
- “*Postmortem* by Patricia Cornwell” in special topics English course, Crime in Literature, UNH, Dr. Shakuntala Jayaswal, Fall 1997.
- Instructor, “Crime Week”, for the School Board of New Haven and Gateway Community College, on the campus of GCC, March 2002.
- Instructor, “Forensic Science for High School Students”, on the campus of Roger Williams University, June 16-20, 2003.
- “Forensic Science”, Thomas Dale High School, Chester, VA, May 2005.
- “Police Science for Middle Schools”, Office of Community Outreach, VCU, Summer 2006.
- New Graduate Student Orientation, Department of Forensic Science, VCU, August 2006.
- Forensic Science Day, Department of Forensic Science, VCU, August, 2006 –present.
- Drop-In Advising, Department of Forensic Science, VCU, 2005-present.
- “Forensic Science”, BEST Project Richmond Middle Schools & VCU School of Education, April, 2009
- “So You want to be a Forensic Scientist”, Mills Godwin High School, Henrico, VA, November, 2019

SERVICE

INTRAMURAL COMMITTEES:

DEPARTMENTAL ACTIVITIES/COMMITTEES-

UNIVERSITY OF NEW HAVEN (UNH):

- Program Director Search Committee, Forensic Science, 1996-1997.
- Faculty Search Committee, Criminal Justice, 1997-1998.
- Faculty Search Committee, Biology, 2001-2002.
- Faculty Search Committee, Forensic Science-Biology, 2000-2001& 2003- 2004 (Chair).
- Faculty Search Committee, Forensic Science-Graduate Program, 2003-2004.
- Coaches Search Committee, Women’s Basketball, 2001-2003; and Women’s Soccer, 2002-2003.
- Award Committee, Bayer Scholarship, Biology, Chemistry, and Forensic Science Departments, 2001-2004.
- Curriculum Committee, Criminal Justice/Forensic Science, 2003-2004.

DEPARTMENTAL ACTIVITIES/COMMITTEES-

VIRGINIA COMMONWEALTH UNIVERSITY:

Undergraduate Curriculum Committee, Chair, 2004-2008; member 2008-2011, 2014-15, 2017.
Forensic Educational Programs Educational Committee (FEPAC), Chair, 2004-2008.
Faculty Search Committee, Chair, Forensic Science, 2004-2006, 2008, 2009, 2015, 2016, 2017; Microscopy, Chemistry, Generalist, Law, and Associate Chair faculty positions.
Promotion and Tenure Guidelines, 2004-2005, 2012.
Graduate Committee, 2004-2006, 2012-present.
Awards and Ceremonies, 2004-2008.
Public Relations, 2004-2006 (committee no longer exists).
Department Chair Search Committee, 2011-2012; Chair, 2013-2014 (Jack Ballantyne and Tal Simmons).
Third Year Review Panel, 2013-present.
Chair, Tenure & Promotion Committee, Tal Simmons' expedited, Fall 2014.
Chair, Tenure & Promotion Committee, Chris Ehrhardt, Fall 2016.
Chair, Promotion Committee, Tracey Dawson Cruz, Fall 2017.
Chair, 3rd Year Review Committee, Michelle Peace, Fall 2018
Chair, Tenure & Promotion Committee, Sarah Williams, Fall 2019
Member, Tenure & Promotion Committee, B Singh, Fall 2019

COLLEGE of HUMANITIES AND SCIENCES ACTIVITIES/COMMITTEES- VIRGINIA COMMONWEALTH UNIVERSITY (these do not exist at UNH)-

Undergraduate Academic Committee, 2004-2008.
Open House & Block Party Presentations, 2004-present.
General Education Curriculum Committee, 2006-2008.
 Subcommittee for Senior Experience Course Evaluation, 2007.
Faculty Council, member, 2010-2013.
Tenure & Promotion Committee for Wilder School faculty, 2013-14.
Tenure & Promotion Committee, 2014-2017.

UNIVERSITY ACTIVITIES/COMMITTEES- UNIVERSITY OF NEW HAVEN:

Faculty Advisor, Forensic Science and Chemistry Club, 1997-2004.
Faculty Representative, Judicial Board, 1999-2000 and 2003-2004.
Faculty Advisor, *The Charger Bulletin*, 2001-2004.
Faculty Advisor, Graduate Student Council, 2002, 2003, 2004.
Alumni Scholarship Golf Tournament, Organizing Committee, 1998-2000.
Student Assessment Committee, 2003 & 2004.
Distinguished Teacher of the Year Award Committee, 1998, 1999, 2000, 2001, 2002, and Chair, 2002-2003.
External Operations Committee, 2000, 2001, 2002.
Senator, Faculty Senate, 2002, 2003, 2004.
Technology Committee, 2001, 2001, 2003.
Faculty-Student Relations Committee, 2002, 2003, 2004, and Chair, 2003 & 2004.
Board of Governors', Student Life Committee, 2002, 2003, 2004.
Academic and Instructional Standards Committee, 2002, 2003, 2004.

UNIVERSITY ACTIVITIES/COMMITTEES- VIRGINIA COMMONWEALTH UNIVERSITY:

Grace Harris Leadership Academy, Attendee, 2004-2005.
Student-Faculty Technology Initiative, Participant, Fall 2004.
Information Technology in Classrooms Workshop, Attendee, December, 2004.
Administrative Assessment Workshop, Attendee, November, 2004.
Faculty Senate, Senator, 2005-present; Corresponding Secretary, Fall 2011-2012, Leadership Group Fall 2011-2012.
Student Affairs Committee of Faculty Senate, 2005-2011.

Honor Council and Executive Board, 2005-2017.
Oral and Critical Thinking Assessment Project, 2006.
Urban Education Week Conference, Planning Committee, a committee working with the President's Office to integrate VCU, J Sergeant Reynolds CC and the Richmond Public School teachers, Summer 2007.
University Council, Fall 2009-May 2010, 2011-present.
University Council's Academic Affairs/Regulations Committee, 2011-present.
University Hearing Board, 2011-present.
University Academic Regulations Committee, member, 2010-present.
Intercollegiate Athletics Committee, member, 2012-present.
SACS QEP, Steering Committee, member, 2012-present.
Grievance Panel, Chair, 2013-present.
Subcommittee, Chair, revision of the VCU Faculty Mediation and Grievance Policy, 2016-2019.

EXTRAMURAL PROFESSIONAL ACTIVITIES:

Prior to 1996, I made over 100 presentations covering a variety of forensic science topics to numerous educational and civil organizations in Florida, North Carolina and Connecticut.

Other Professional Activities:

National/International

Member, Planning Committee, for the Forensic Science Educational Conference, American Academy of Forensic Sciences, October 2002.
Honorary Member and "Ask an Expert", for the National Association of High School Teachers of Forensic Science, 2004-present.
Advisor, for Young Forensic Scientist's Forum of the American Academy of Forensic Sciences, 2003-present.
Member, Program Committee, Forensics & Crime, Academy of Criminal Justice Sciences, Annual Meeting, Baltimore, MD, February 2006.
Reviewer, *Journal of Criminal Justice Education*, 2006-present.
On-Site Evaluator, Forensic Educational Program Accreditation Commission of the American Academy of Forensic Sciences, 2007, 2013.
Member, Steering Committee & Staffing Committee, Forensic Educational Conference, American Academy of Forensic Sciences, July 2007.
Chair, Planning Committee, Forensic Educational Conference, American Academy of Forensic Sciences, July 2007.
Co-Chair, Student Academy, American Academy of Forensic Sciences, 2014-Seattle, WA, 2015-Orlando, FL, 2016-Las Vegas, NV, New Orleans, LA, 2017, and Seattle, WA, 2018.
Chair, Student Academy, American Academy of Forensic Sciences, 2020 Anaheim, CA.

Regional/Local

Member, Steering Committee, Chesterfield County Forensic Response Initiative, April 2010-present.
Chairperson, On-Site Evaluation Team, Forensic Science Degree Proposals, Pennsylvania Department of Education: August, 2006: Central Pennsylvania College, Harrisburg, BS Forensic Sci. March, 2007: Cedar Crest College, Allentown, MS Forensic Science, 2014.
Member, Planning Committee, for a five day symposium, "Forensic Science for High School Students," held at Roger Williams University, June 16-20, 2003.
Member, Advisory Board, Biotechnology and DNA Curriculum, Massachusetts Bay Community College, Wellesley Hills, MA, 1999-2000.
Member, Planning Committee, "Crime Week", for the School Board of New Haven and Gateway Community College, 2002.
Examiner conducting oral interviews for the position of Crime Scene Supervisor, City of Waterbury, CT, November, 2000.

Expert Witness/Consultations

Testified as an Expert Witness in Forensic Science approximately 400 times in US Federal Courts for the Middle and Southern regions of Florida, the Canadian Court, and in the state courts of all levels in Florida, Pennsylvania, North Carolina, Georgia, Tennessee, New York, Connecticut, Massachusetts, New Hampshire, and Maine, 1979-present.

The following list represents specific cases not included above where I have given sworn testimony or prepared reports specifically as an expert in **Crime Scene Reconstruction**, 2000-present:

North Carolina

Kim Thomas Death Inv.
Presley Parks
Diedre Lane
Mario Peralta
James Johnson
FNU Picklesimer
FNU Nance
Allen Gell
Angel Guevara
Robert Bell
Eva Barlow
Tyrone Lacour
Michael Peterson
Anthony Hill

George Goode
James Morgan
Brenda Copeland
Steven Miller
Kirk Turner
Furr v. Payne, CMDPD Inv.
Giles Floyd
Brandon Gross
Eugene Williams
Lee Hunt (NCIIC Case)
Enrico Fowler
Terrance Campbell
Thar v Remington
Darryl Howard

Alabama

Wesley Harris
Greg Wynn

Massachusetts

Alexander Pring Wilson
Amos Don

Maine

Olland Reese

New Hampshire

Chris Smeltzer
Duling Death Inv.
Robert Lacombe
James MacDonald
James Robarge
Barnaby/Caplin Inv.
Officer Involved Shooting-Canaan NH
Officer Involved Shooting-Claremont NH
Steven Hall

South Carolina

Mar-Reese Hughes
Stephon Carter

Georgia

Greg Philips
Donnie Hulett
William Woodard
Roy Blankenship
Nicholas Tate
Brian Nicholas
Nicholas Bryant
Edenfield Appeal
Jennifer Lewis
Larry Lee
Marcus Ray Johnson
Jack Alderman
Josh Bishop

District of Columbia

Ingmar Guandique (DC)
Reco Coates (DC)

Florida

Richard Brown Death Inv.
Alisha Gehring Death Inv.
Jesse Runnels Death Inv.

Kentucky

Samuel Fields

JW Ledford
Andre Hargrove

Tennessee

Devin Banks
Billie Joe Darnell
Marlon Kiser
Michael Rimmer
Joel Schmeiderer
Steven Smith
Jessie Dotson
Nik Johnson
JT Freeland, Jr

New York

James Wilson
Mark Kollar
Charles Carneglia
Manuel Gonzalez
Scott Schneiderman
Ronnell Wilson

Pennsylvania

Donna Puksar Death Inv.
Rafael Robb

Sworn Testimony (hearings, depositions or trials) since January 2019:

GA v. Marcus Ray Johnson, 2015
TN v. Michael Rimmer, 2016
Thar v. Remington Firearms Co., 2015
NH v. James Robarge, 2015
NH v. Barnaby and Caplin, 2018
TN v. Nikolaus Johnson, 2019
NC v. Darryl Howard, 2016
GA v. Andre Hargrove, 2019