

## **J. Thomas McClintock, Ph.D.**

**DNA Diagnostics, Inc.**

P.O. Box 11101

Lynchburg, VA 24506

### **Education**

B.S. - Department of Biology, James Madison University, Harrisonburg, VA.

M.S. - Department of Entomology, University of Maryland, College Park, MD.

Ph.D. - Department of Microbiology, University of Maryland, College Park, MD.

Postdoctoral Fellow - Plant Protection Institute, U.S.D.A., Beltsville, MD.

### **Employment**

1. Founder/Consultant - **DNA Diagnostics, Inc.**, 3300 Odd Fellows Road, P.O. Box 11101, Lynchburg, VA. February, 1993-Present.
2. Division Director - U.S. Environmental Protection Agency, Washington, DC. November, 2000-August, 2013.
3. Associate Division Director (Acting) - U.S. Environmental Protection Agency, Washington, DC. October, 1999-June, 2000.
4. Branch Chief - U.S. Environmental Protection Agency, Washington, DC. February, 1997-November, 2000.
5. Team Leader/Microbiologist - U.S. Environmental Protection Agency, Washington, DC. August, 1989-February, 1997.
6. Legislative Assistant/Science Advisor - U.S. House of Representatives, Committee on Agriculture, Washington, DC. January, 1994-June, 1995.
7. Group Leader/Senior Staff Scientist - Digene Diagnostics, Inc., Silver Spring, MD. January, 1988-August, 1989.
8. Postdoctoral Fellow - U.S. Department of Agriculture, Agricultural Research Service, Beltsville, MD. January, 1985-December, 1987.
9. Research Assistant - The Johns Hopkins University School of Medicine, Department of Pharmacology and Experimental Therapeutics, Baltimore, MD. September, 1980-September, 1981.
10. Graduate Research Assistant - University of Maryland, Department of Entomology, College Park, MD. August, 1977-August, 1980.

### **Academic Appointments**

1. Professor/Director- Liberty University, Department of Biology and Chemistry, Lynchburg, VA. August, 2013-Present. Director, Forensic Science Program. Teach undergraduate courses in Forensic DNA Analysis, Forensic Entomology, Trace Evidence, Microbiology, and a graduate course in Microbial Pathogenesis and Virology.
2. Professor - George Mason University, Department of Molecular and Microbiology, Fairfax, VA. January, 1999 - August, 2013. Teach undergraduate courses in Microbiology,

Virology, Genetics, and graduate courses in Forensic DNA Analysis, Forensic Entomology, and Forensic Sciences.

3. Adjunct Professor Online - Liberty University, College of General Studies, Lynchburg, VA. April, 2011-Present. Teach undergraduate online courses in Introductory Biology.
4. Assistant Professor - Northern Virginia Community College, Science and Applied Technologies Division, Alexandria, VA. August, 1996-December, 1997. Taught courses in Introductory Biology.
5. Assistant Professor - Anne Arundel Community College, Life Sciences Division, Arnold, MD. January, 1994-May, 1996. Taught courses in Microbiology and Biology.
6. Instructor - EXON-INTRON, Inc., York, PA. January, 1996-August, 2001. Responsibilities included teaching lecture and laboratory courses entitled *RFLP Technologies: Forensic and Research Applications*, *DNA Typing: RFLP and PCR-Based Systems*, and *PCR Methodology-RFLP/D1S80 Typing*.
7. Assistant Professor - Montgomery College, Department of Science, Mathematics, and Applied Technologies, Germantown, MD. January, 1993-December, 1994. Taught introductory courses in Biology and Genetics.
8. Instructor - University of Maryland Baltimore County, Department of Biological Sciences, Catonsville, MD. September, 1981-September, 1984. Taught an introductory course in Microbiology and an upper level course in Molecular Genetics.
9. Faculty Research Assistant - University of Maryland, Department of Microbiology, College Park, MD. May, 1982-January, 1985.

## Research Experience

1. Group Leader/Senior Staff Scientist - Research involved the development and application of nonradioactive DNA probes for the detection and diagnosis of viral pathogens in clinical samples by *in situ* hybridization. Managerial responsibilities included administrative leadership, technical supervision, planning, developing, prepared and managed budget, administrating research activities, interfacing with all levels of management, and establishing research collaborations. Radiation Safety Officer, Biohazard Safety Officer, Principal Investigator/Project Manager for NIAID-supported SBIR grant, Principal Investigator/Project Director for NEI-supported SBIR grant. Digene Diagnostics, Inc., Silver Spring, MD.
2. Postdoctoral Fellow - Research involved the investigation of molecular events occurring during baculovirus replication in permissive, semipermissive, and nonpermissive cell lines. Additional projects included research on transcriptional and translational control mechanisms using baculovirus-infected cells as a model system, gene isolation and characterization, cloning, DNA restriction endonuclease mapping using various hybridization techniques, sequencing, and investigating DNA-protein interactions. Insect Biocontrol Laboratory, U.S. Department of Agriculture, Beltsville, MD.
3. Research Assistant - Conducted research on the structure and function of the Epstein-Barr virus genome. Using recombinant DNA technology a genomic library was constructed and used to establish a detailed restriction map for a region encoding the

transformation function. Department of Pharmacology and Experimental Therapeutics, The Johns Hopkins University School of Medicine, Baltimore, MD.

4. Graduate Research Assistant - Conducted research on the selection of a virulent strain of invertebrate viruses using chemical mutagenesis and serial passage. Department of Entomology, University of Maryland, College Park, MD.

### **Consulting Experience**

1. Founder of **DNA Diagnostics**, Inc., 3300 Odd Fellows Road, P.O. Box 11101, Lynchburg, VA 24506. February, 1993-present. A consulting firm specializing in the science, legal, and ethical issues surrounding the use of DNA technology in forensic science. Provide training in the science of DNA, interpretation of criminal and paternity cases where DNA or entomological analyses have been performed, and expert testimony.
2. Media Cybernetics, L.P., Silver Spring, MD 20910. 1995. Provided guidance on the usability of Gel-pro Analyzer,<sup>™</sup> a Windows<sup>™</sup>-based software module which automates the collection and storage of data from electrophoretic gel images for forensic and gene linkage analyses of RFLP, VNTR, and PCR-based assays (HLA DQA1 and STRs).

### **Regulatory Science Experience**

1. Division Director - Provide day-to-day supervision and direction for the implementation and evaluation of all major science and science policy issues relating to hazard assessment and biotechnology. Serves as the principal point of contact and coordination point for interactions within EPA and with other Federal Agencies on biotechnology, and scientific and technical issues. Also responsible for the management, coordination and oversight of planning, implementing and evaluating science and science policy issues and activities relating to biotechnology. Hazard Assessment Coordination and Policy Division, Office of Science Coordination and Policy, U.S. Environmental Protection Agency, Washington, DC.
2. Associate Division Director (Acting) - Provide administrative and program expertise to the Director for all Division activities involving assessing the health and environmental hazards and risks of new and existing chemicals and microorganisms (naturally-occurring and genetically engineered) and preparing integrated hazard and risk assessment documents as needed to support the full range of Office of Pollution Prevention and Toxics' (OPPT) regulatory and non-regulatory programs. Involved in managing various aspects of U.S. participation in the Organization for Economic Cooperation and Development Screening Information Data Sets program in High Production Volume chemicals; reviewing and evaluating health and environment effects test data submitted under specific authorities administered by OPPT, and provided expert scientific support to Agency audits of testing programs producing such data. Responsible for developing and updating health and environmental hazards and risks of chemicals and microorganisms and ensuring that procedures and criteria employed by OPPT are consistent with Agency guidelines and the current scientific state-of-the-art. Provided administrative and procedural expertise for developing Division strategies,

defining major program objectives, estimating required resource levels, reviewing and evaluating ongoing program activities and assessing work products. Also involved the Office of Research and Development in defining and reviewing Agency research related to characterizing the health and environmental effects of chemicals and biotechnology-derived products. Risk Assessment Division, Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency, Washington, DC.

3. Branch Chief - Provide supervision, leadership, and administrative direction to staff. Define major program objectives, estimate required resource levels, review and evaluate ongoing program activities and assess outputs produced. Provide support for developing and recommending program objectives and operations. Provide supervision to staff specialists to develop policies and objectives, allocating and managing resources, develop budget strategies and justifications, develop staffing patterns, and resolve operational problems. Also represent the Branch, Division or Office at various task force panel and committee meetings, involving development of management products, outreach, marketing and training activities. Exercise supervisory personnel management responsibilities over Branch members. Risk Assessment Division, Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency, Washington, DC.
4. Team Leader/Microbiologist - Involved in providing strategies and establishing guidelines for assessing the risks associated with the introduction of transgenic plants, biochemical pesticides, or products derived through biotechnology, into the environment. Also involved in the toxicological (both mammalian and ecological) evaluation of data pertaining to microbial and biochemical pest control agents, and in the evaluation of the molecular construction of genetically engineered microbial and transgenic plant pesticides for regulatory compliance under FIFRA/FFDCA/FQPA. Also involved in issues pertaining to international and domestic regulation of agricultural products derived using biotechnology. Additional tasks included the development of data requirements for transgenic plant testing, regulatory reform for biochemical pesticides, strategies for development/resolution of guidelines/policy issues related to products developed through biotechnology, and harmonization of regulatory requirements under the Canadian-United States Trade Agreement, NAFTA, and OECD. Health Effects Division and Biopesticides and Pollution Prevention Division, Office of Pesticide Programs, U.S. Environmental Protection Agency, Washington, DC.

### **Invited/Professional Presentations**

1. Forensic DNA Analysis and Forensic Entomology. Annual Training for Forensic Technicians. VA State Police Academy, Richmond, VA. March, 2016.
2. DNA Analysis: Frontiers in Forensic Science. Phi Theta Kappa VA/WV Region. Honors in Action Academy. Randolph College, Lynchburg, VA. November, 2014.
3. The ABCs of Forensic DNA Typing. Virginia Blue Ridge Section of the American Chemical Society. Roanoke College, Roanoke, VA. February, 2014.
4. Forensic DNA Analysis. Office of the Federal Public Defender. Alexandria, VA. December, 2011.

5. Forensic DNA Analysis. 19th Annual Capital Defense Workshop, Virginia Bar Association, Richmond, VA. November, 2011.
6. Forensic Evidence in Sexual Assault and Other Criminal Cases. Annual Criminal Law CLE. Fairfax Bar Association, Fairfax, VA. October, 2011.
7. Forensic DNA Analysis of Biological Evidence. Virginia Trial Lawyers Association's 4th Advanced Criminal Law Retreat. Charlottesville, VA. April, 2011.
8. DNA Analysis of Biological Evidence. Alpha Epsilon Delta, National Pre-Medical Honor Society, George Mason University, Fairfax, VA. March, 2010.
9. Managing Potential Risks with Products of Biotechnology. The American Institute for Medical and Biological Engineering, Washington, DC. February, 2010.
10. The ABCs of DNA Paternity Testing. The Tribal Council/Commission of the Little River Band of Ottawa Indians, Manistee, MI. July, 2006.
11. The Ordeal of Darrell Rice: The Role of DNA. 13th Annual Capital Defense Workshop, Virginia Bar Association, Richmond, VA. November, 2005.
12. DNA Cross-Examination College, Science Faculty. 3rd Annual Forensic Science Conference, the Public Defender Service for the District of Columbia, Washington, DC. September, 2005.
13. The ABCs of Forensic DNA Typing: STRs and Gender ID. Forensic Nursing: Forging Partnerships for the Future. 13th Annual Scientific Assembly of the International Association of Forensic Nurses, Arlington, VA. September, 2005.
14. DNA Typing as a Forensic Tool. Virginia College of Criminal Defense Attorneys and Virginia Public Defender Commission, Four for Forensics, Continuing Legal Education course. University of Richmond, Richmond, VA. July, 2002.
15. The Power of Forensic DNA Typing. The Department of Biology, James Madison University, Harrisonburg, VA. April, 2005.
16. The ABCs of Forensic DNA Typing. Fairfax Bar Association, Fairfax, VA. June, 2003.
17. Understanding Forensic DNA Evidence. Alexandria Bar Association, Continuing Legal Education course, Alexandria, VA. October, 2002.
18. DNA Typing as a Forensic Tool. Virginia College of Criminal Defense Attorneys and Virginia Public Defender Commission, Four for Forensics, Continuing Legal Education course. University of Richmond, Richmond, VA. July, 2002.
19. DNA Typing as a Forensic Tool. Public Defender's Office of the State of Delaware, Continuing Legal Education course. Wilmington, DE. June, 2001.
20. DNA Analysis. District of Columbia Bar Association. The Criminal Law and Individual Rights Section, Washington, DC, May, 2000.
21. The ABCs of DNA Typing: Principles and Methodologies. Office of Pollution Prevention and Toxics, Technical Training Committee, U.S. Environmental Protection Agency, Washington, DC. October, 1998.
22. Applications of DNA Technology in Forensic Science. Law Offices of Keefer, O'Reilly, Ferrario and Lubbers. Las Vegas, NV. August, 1996.
23. The ABCs of DNA: An Introduction to the Science of DNA. State of Maryland, Office of the Public Defender, Annual Conference, Oakland, MD. May, 1996.
24. Advanced Formula DNA: Crime Scene to Lab to Court. State of Maryland, Office of the Public Defender, Annual Conference, Oakland, MD. May, 1996.

25. DNA Technology in Forensic Science: A Prospective from the Defense. DNA 101- Unraveling the Mystery. American Prosecutors Research Institute, Criminal Prosecution Division, Alexandria, VA. November, 1995.
26. Forensic Applications of DNA Technology. DNA Working Group, Office of the Public Defender, State of Maryland, Ellicott City, MD. October, 1993.
27. The Use of DNA Technology in Forensic Science. Office of the Federal Public Defender, Baltimore, MD. April, 1995.
28. Applications of DNA Technology in Forensic Science. DNA Working Group, Office of the Public Defender, State of Maryland, Annapolis, MD. December, 1993.
29. McClintock, J. T., and E. M. Dougherty. 1987. Cosmid cloning and restriction endonuclease mapping of the DNA of the nuclear polyhedrosis virus of *Lymantria dispar*, the gypsy moth. Abstract, VIIIth International Congress of Virology, Edmonton, Canada.
30. McClintock, J. T. 1985. DNA replication and protein synthesis during baculovirus replication. Abstract, Graduate Student Symposium, Washington Branch, American Society of Microbiology, Fairfax, VA.

### **Specialized Training and Workshops**

1. Essential Aspects of Forensic DNA Testing. National Institute of Justice/Forensic Training Network. Online Training. 2011.
2. Principles and Thought Processes of Crime Scene Investigation. National Institute of Justice/Forensic Training Network. Online Training. 2011.
3. The Body as a Crime Scene: Forensics and Cold Case Investigations. George Mason University, Fairfax, VA. 2011.
4. Forensic DNA for Officers of the Court. National Forensic Science Technology Center/Department of Justice. Online Training. 2007.
5. Amplified DNA Product Separation for Forensic Analysts. National Forensic Science Technology Center/Department of Justice. Online Training. 2007.
6. STR Data Analysis and Interpretation for Forensic Analysts. National Forensic Science Technology Center/Department of Justice. Online Training. 2007.
7. DNA Amplification for Forensic Analysts. National Forensic Science Technology Center/Department of Justice. Online Training. 2007.
8. Laboratory Orientation and Testing of Body Fluids and Tissues for Forensic Analysts. National Forensic Science Technology Center/Department of Justice. Online Training. 2007.
9. DNA Forensics, Profiling PCR and Beyond. Cambridge Healthtech Institute's 5th Anniversary Meeting, Washington, DC. 2002.
10. Microarray Methods and Analysis Workshop. Institute for Biosciences, Bioinformatics and Biotechnology, George Mason University, Manassas, VA. 1999.
11. New DNA Technology: Approaches to Toxicology, Medical Diagnostics, Analytical Chemistry and Agricultural Testing. Genetic Toxicology Association, Newark, DE. 1999.
12. Resolution and Interpretation of Mixtures. DNA Forensic Analysis: New Trends and Technologies. IBC's International Conference, Annapolis, MD. 1998.

13. PCR Qualification Strategies and Applications: New Developments of Real Time Detection. Perkin Elmer Applied Biosystems, National Institutes of Health, Bethesda, MD. 1998.
14. Advanced HPLC Detection for Analysis of Biomolecules. Millipore Corp., Waters Chromatography Division, Catonsville, MD. 1996.
15. Polymerase Chain Reaction (PCR) Applications/Cycle DNA Sequencing Workshop. American Type Tissue Collection, Rockville, MD. 1995.
16. Differential Display Polymerase Chain Reaction Workshop. EXON-INTRON, Inc., Columbia, MD. 1995.
17. Polymerase Chain Reaction Methodology Workshop. EXON-INTRON, Inc., Columbia, MD. 1993.
18. Sequence Specificity in Transcription and Translation Workshop. Cetus-UCLA Symposium. Steamboat Springs, CO. 1985.
19. Microscopy Training Course. Nikon Instrument Division, Garden City, NY. 1977.

### Relevant Publications

1. McClintock, Bullock, and Sattler. 2014. Exploring Fundamental Principles in Biology. Academx Publishing Services. Bel Air, MD.
2. McClintock, J. T. 2014. Forensic Analysis of Biological Evidence: A Laboratory Guide for Serological and DNA Typing. CRC Press, Taylor & Francis Group, Boca Raton, FL.
3. Hubbard and McClintock. 2014. Microbiology Laboratory Manual. Liberty University Publishers, Lynchburg, VA.
4. Haymes, K. M., S. D. Hester, W. H. Benson, and J. T. McClintock. 2009. Potential use of microarray technology at the U.S. Environmental Protection Agency. *In* Genomics: Fundamentals and Applications. C. Supratim and D. B. Carlson (eds.). Informa Healthcare, New York, NY.
5. McClintock, J. T. 2008. Forensic DNA Analysis: A Laboratory Manual. CRC Press, Taylor & Francis Group, Boca Raton, FL.
6. Hamernik, K., K. Haymes, S. Hester, and J. T. McClintock. 2008. Perspectives on toxicogenomics activities at the U.S. Environmental Protection Agency. *In* Toxicogenomics: A powerful tool for toxicity assessment. S. C. Sahu (ed.). Wiley Publications, West Sussex, UK.
7. W. H. Benson, K. Gallagher, and J. T. McClintock. 2007. U.S. Environmental Protection Agency's activities to prepare for regulatory and risk assessment applications of genomics information. *Environ. Mol. Mutagen* 48: 359-362.
8. Dix, D. J., K. Gallagher, W. H. Benson, B. L. Groskinsky, J. T. McClintock, K. L. Deerfield and W. H. Farland. 2006. A framework for the use of genomics data at the EPA. *Nature Biotech.* 24:1108-1111.
9. McClintock, J. T. 2002. PCR-based detection systems: Post transfusion and amelogenin typing. A case report. Abstract, Cambridge Healthtech Institute's 5th Annual Meeting, DNA Forensics, Profiling, PCR and Beyond, Washington, DC.
10. McClintock, J. T. 2001. [The power of DNA typing evidence](#). The District of Columbia Bar Newsletter. No. 1, September, 2001.

11. Adams, J. R. and J. T. McClintock. 2000. Baculoviridae: Nuclear Polyhedrosis Viruses. Part I. Nuclear Polyhedrosis Viruses of Insects. *In Atlas of Invertebrate Viruses*. J. R. Adams and J. R. Bonami (eds.). CRC Press, Boca Raton, FL.
12. McClintock, J. T. 1999. [DNA typing evidence in forensic casework](#). *Fairfax Bar J.* Vol. 26, No. 3.
13. McClintock, J. T. 1998. The federal registration process and requirements for the United States. *In Methods in Biotechnology*, Vol. 5. Biopesticides: Use and Delivery. Hall, F. R. and J. J. Menn (eds.). Humana Press, Inc., Totowa, NJ.
14. McClintock, J. T., N. A. M. van Beek, J. L. Kough, M. L. Mendelsohn, and P. O. Hutton. 1998. Regulatory aspects of biological control agents and products derived by biotechnology. *In Biological and Biotechnological Control of Insect Pests*. J. E. Rechcigl and N. A. Rechcigl (eds.). Lewis Publishers, Boca Raton, FL.
15. McClintock, J. T., C. R. Schaffer, and R. D. Sjoblad. 1995. A Comparative review of the mammalian toxicity of *Bacillus thuringiensis*-based pesticides. *Pesticide Science* 45:95-105.
16. McClintock, J. T., C. R. Schaffer, and R. D. Sjoblad. 1995. Comparative mammalian toxicity of registered *Bacillus thuringiensis*-based pesticides. *Bacillus thuringiensis Biotech. and Environ. Benefits* 1:327-336.
17. McClintock, J. T., I-J Chan, S. R. Thaker, A. Katial, F. E. Taub, A. E. Aotaki-Keen, and L. M. Hjelmeland. 1992. Detection of *c-sis* proto-oncogene transcripts by direct enzyme-labeled cDNA probes and *in situ* hybridization. *In Vitro Cell. Develop. Biol.* 28A: 102-108.
18. McClintock, J. T., R. D. Sjoblad, and R. Engler. 1992. Toxicological evaluation of genetically engineered plant pesticides: Potential data requirements of the U.S. Environmental Protection Agency. *In Food Safety Assessment*. J. W. Finley, S. F. Robinson, D. J. Armstrong (eds.). American Chemical Society, Washington, DC.
19. McClintock, J. T., M. Mosher, S. R. Thaker, W. K. Wacker, D. Jones, M. Forman, S. P. Adler, P. Charache, and F. E. Taub. 1991. Culture confirmation of cytomegalovirus and herpes simplex virus by direct enzyme-labeled DNA probes and *in situ* hybridization. *J. Virol. Methods* 35:81-91.
20. McClintock, J. T., D. Guzo, K. P. Guthrie, and E. M. Dougherty. 1991. DNA-binding proteins of baculovirus-infected cells during permissive and semipermissive replication. *Virus Res.* 20:133-145.
21. McClintock, J. T., I-J Chan, F. E. Taub, L. Resnick, and A. E. Friedman-Kien. 1991. Rapid detection of Epstein-Barr virus DNA in clinical samples of oral hairy leukoplakia with HRP-labeled DNA probes and *in situ* hybridization. *J. Virol. Methods* 33:155-164.
22. McClintock, J. T., R. D. Sjoblad, and R. Engler. 1991. Are genetically engineered pesticides different? Potential EPA data requirements for toxicological evaluation. *Chemtech* 21:490-494.
23. McClintock, J. T., D. Guzo, K. P. Guthrie, and E. M. Dougherty. 1991. DNA-binding proteins in baculovirus-infected insect cells. Abstract, 91st Annu. Meeting, Amer. Soc. Microbiol., Dallas, TX.
24. Lynn, D. E., E. M. Dougherty, J. T. McClintock, and M. Shapiro. 1989. Comparative replication of *Lymantria dispar* in three continuous cell lines. *Applied and Environ. Microbiol.* 55: 1049-1051.



25. McClintock, J. T., S. R. Thaker, M. Mosher, D. Jones, M. Forman, P. Charache, K. Wright, J. Keiser, and F. E. Taub. 1989. Comparison of *in situ* hybridization and monoclonal antibodies for the early detection of cytomegalovirus. *J. Clin. Microbiol.* 27:1554-1559.
26. McClintock, J. T., A. Friedman-Kien, and F. E. Taub. 1989. Direct detection of Epstein-Barr virus in tongue tissue smears from individuals with suspected hairy leukoplakia. Abstract, 89th Annu. Meeting, Amer. Soc. for Microbiol., New Orleans, LA.
27. Wacker, W. K., J. T. McClintock, S. Strohofer, S. Khan, R. P. Baughman, and F. E. Taub. 1989. Direct detection of cytomegalovirus in bronchoalveolar lavages using HRP-labeled DNA probes and *in situ* hybridization. Abstract, 89th Annu. Meeting, Amer. Soc. for Microbiol., New Orleans, LA.
28. McClintock, J. T., and E. M. Dougherty. 1988. Restriction mapping of *Lymantria dispar* nuclear polyhedrosis virus DNA: Localization of the polyhedrin gene and identification of four homologous regions. *J. Gen. Virol.* 69:2303-2312.
29. Mosher, M., A. Maters, D. Jones, M. Forman, S. Grillo, J. T. McClintock, and F. Taub. 1988. Rapid detection of cytomegalovirus-infected cells by *in situ* hybridization with enzyme-linked DNA probes. Abstract, 88th Annu. Meeting, Amer. Soc. for Microbiol., Miami Beach, FL.
30. McClintock, J. T., and E. M. Dougherty. 1987. Superinfection of baculovirus-infected gypsy moth cells with the nuclear polyhedrosis viruses of *Autographa californica* and *Lymantria dispar*. *Virus Res.* 7:351-364.
31. McClintock, J. T., E. M. Dougherty, and R. M. Weiner. 1986. Protein synthesis in gypsy moth cells infected with a nuclear polyhedrosis virus of *Lymantria dispar*. *Virus Res.* 5:307-322.
32. Dougherty, E. M., B. J. Taylor, and J. T. McClintock. 1986. 5-Methylcytosine inhibition of a nuclear polyhedrosis virus of *Autographa californica* (AcMNPV). Abstract, 86th Annu. Meeting, Amer. Soc. for Microbiol., Washington, DC.
33. McClintock, J. T., E. M. Dougherty, and R. M. Weiner. 1986. Semipermissive replication of a nuclear polyhedrosis virus of *Autographa californica* in a gypsy moth cell line. *J. Virol.* 57:197-204.
34. McClintock, J. T. 1985. Baculovirus replication: Characterization of DNA and proteins synthesized by a nuclear polyhedrosis virus of *Lymantria dispar*, the gypsy moth, in a homologous cell line. Ph.D. Dissertation, Univ. of MD., College Park, MD.
35. McClintock, J. T. and C. F. Reichelderfer. 1985. *In vivo* treatment of a nuclear polyhedrosis virus of *Autographa californica* (Lepidoptera: Noctuidae) with chemical mutagens: Determination of changes in virulence in four lepidopteran hosts. *Environ. Entomol.* 14: 691-695.

### Grants, Honors and Awards

1. Illuminate Grant from the Center for Teaching Excellence at Liberty University, Lynchburg, VA for a project entitled "Forensic Identification of Biological Agents." \$4430.00. 2015.
2. Named among the top 15 professors in Forensic DNA Analysis in the country by ForensicsColleges.com, a leading website on forensics programs across the nation. 2013.

3. Illuminate Grant from the Center for Teaching Excellence at Liberty University, Lynchburg, VA for a project entitled "Unknown Microbes Unveiled." \$4075.00. 2013.
4. Travel Grant from the Agricultural Research Institute to attend the 91st Annual Meeting, Eastern Branch, Entomology Society America, Richmond, VA. \$400. 1991.
5. Travel Grant from the Agricultural Research Institute to attend the 91st Annual Meeting, American Society of Microbiology, Dallas, TX. \$1200. 1991.
6. Citizen Ambassador Program, Virology Delegation to the People's Republic of China. A program of People to People International. Spokane, WA. 1991.
7. Principal Investigator for grant funded by the National Institute of Allergy and Infectious Diseases of the National Institutes of Health entitled "Herpesviridae Infections and the Progression of AIDS." \$50,000. 1989.
8. Principal Investigator for grant funded by the National Eye Institute of the National Institutes of Health entitled "PDGF Expression in Proliferative Retinopathies." \$48,000. 1988.
9. Travel Grant from the American Society for Virology (sponsored by NIH) to attend the VIIth International Congress of Virology, Edmonton, Canada. \$500. 1987.

#### **Additional Scientific Activities**

1. Reviewer for National Science Foundation for Research Initiative Competitive Grants. 2013 and 2014. National Science Foundation, Washington, DC.
2. Member of Editorial Advisory Board-International Journal of Entomological Research, eSci Journals Publishing. May, 2013-Present.
3. Consultant and Expert Witness - Review and data analysis of DNA tests results (*e.g.*, RFLP analysis, PCR-based amplification and typing assays [*e.g.*, HLA DQA1/ PM, STRs, D1S80, and gender (amelogenin) identification] and DNA hybridization techniques (court qualified); and entomological interpretations of forensic samples (court qualified) collected at crime scenes. Provide prosecutors, defense attorneys, as well as law enforcement officials with a basic understanding of the science of DNA and a thorough background of the molecular techniques used in DNA analyses, courtroom strategies, and effective presentation of DNA evidence at trial. February, 1992 - Present.
4. Scientific Program Committee and Conference Organizing Committee for the Annual Conference on Antimicrobial Resistance, 2004 and 2003. National Foundation for Infectious Diseases, Bethesda, MD.
5. Reviewer for the National Research Initiative Competitive Grants Program. 2000. U.S. Department of Agriculture, Washington, DC.
6. Panelist of the U.S. Department of Agriculture Biotechnology Risk Assessment Research Grants Program. 2008, 2002, 2000, 1996, and 1995. U.S. Department of Agriculture, Agriculture Research Service, Washington, DC.
7. Reviewer for refereed scientific journals such as *Virus Research*, *Canadian Journal of Microbiology*, and *Journal of Agriculture and Food Chemistry*.

## Professional Affiliates

- [North American Forensic Entomology Association](#)
- American College of Forensic Examiners
- Virginia Academy of Sciences

## Criminal/Paternity Court Cases

- 1993
- State of Maryland v. Givens, Anne Arundel County, MD. Law Offices of Paul Kirby, Annapolis, MD and Law Offices of Murnane & Mulford, Glen Burnie, MD.
  - State of Maryland v. Boser,<sup>(T)</sup> Anne Arundel County, MD. Office of the Public Defender, Annapolis, MD.
- 1994
- State of Maryland v. Ventura,<sup>(P)</sup> Prince Georges County, MD. Office of the Public Defender, Upper Marlboro, MD.
  - State of Maryland v. Quinn, Prince Georges County, MD. Office of the Public Defender, Upper Marlboro, MD.
  - State of Maryland v. Montague, Baltimore County, MD. Office of the Public Defender, Towson, MD.
- 1995
- State of Maryland v. Kane, Dorchester County. Office of the Public Defender, Cambridge, MD.
  - State of Maryland v. Gross, Anne Arundel County, MD. Law Offices of Murnane & Mulford, Glen Burnie, MD.
  - State of Maryland v. Dixon, Baltimore City, MD. Office of the Public Defender, Baltimore, MD.
  - State of Maryland v. Mason, Washington County, MD. Office of the Public Defender, Hagerstown, MD.
  - State of Maryland v. Johnson, Baltimore City, MD. Office of the Public Defender, Baltimore, MD.
  - State of Maryland v. McNeil, Baltimore City, MD. Office of the Public Defender, Baltimore, MD.
  - State of Maryland v. Rogers,<sup>(P)</sup> Baltimore County, MD. Office of the Public Defender, Towson, MD.
  - State of Maryland v. Canty, Howard County, MD. Office of the Public Defender, Ellicott City, MD.
  - State of Maryland v. Williams, Wicomico County, MD. Office of the Public Defender, Salisbury, MD.
- 1996
- State of Maryland v. Joseph,<sup>(P)</sup> Baltimore City, MD. Office of the Public Defender, Baltimore, MD.
  - U.S. Government v. Moore, Washington, DC, Covington & Burling, Washington, DC.

- State of Maryland v. Burch, Prince Georges County, MD. Office of the Public Defender, Upper Marlboro, MD.
  - State of Maryland v. Baker, Baltimore City, MD. Office of the Federal Public Defender, District of Maryland, Baltimore, MD.
  - State of Maryland v. Sampson, Dorchester County, MD. Office of the Public Defender, Cambridge, MD.
- 1997
- State of Delaware v. Crowe, New Castle County, DE. Public Defender's Office, Wilmington, DE.
  - State of Delaware v. Craig,<sup>(T)</sup> Sussex County, DE. Public Defender's Office, Georgetown, DE.
  - State of Maryland v. Young,<sup>(T)</sup> St. Mary's County, MD. Law Offices of William Broms, Leonardtown, MD.
  - U.S. Government v. Welch, Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.
  - U.S. Government v. Moore, Washington, DC. Covington & Burling, Washington, DC.
  - State of Maryland v. Young,<sup>(TP)</sup> St. Mary's County, MD. Law Offices of William Broms, Leonardtown, MD.
  - State of Delaware v. White,<sup>(T)</sup> New Castle County, DE. Public Defender's Office, Wilmington, DE.
  - U.S. Government v. Williams, Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.
  - Commonwealth of Virginia v. Cloniger, Culpeper County, VA. Davies, Barrell, Will, Lewellyn & Edwards, P. C., Culpeper, VA.
- 1998
- Commonwealth of Massachusetts v. Hill,<sup>(T)</sup> Suffolk County, MA. Law Offices of Carrigan & Erickson, Boston, MA and American Forensic Technologies, Inc., Andover, MA.
  - U.S. Government v. Riley, Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.
  - State of Delaware v. Dombroski, Sussex County, DE. Public Defenders Office, Wilmington, DE.
  - U.S. Government v. Crawford, Washington, DC. Public Defenders Service, Washington, DC.
  - Penoy v. Messick<sup>(P)</sup>, Fairfax County, VA.
- 1999
- U.S. Government v. Galloway, Washington, DC. Law Offices of Clark U. Fleckinger, Silver Spring, MD.
  - State of Delaware v. Abner, New Castle County, DE. *Pro se Litigant*.
  - Commonwealth of Virginia v. Beckham, Fairfax County, VA. Law Offices of Myron Berman, Fairfax, VA.
  - U.S. Government v. Simms, Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.

- Commonwealth of Virginia v. Parks, Fairfax County, VA. Law Offices of Love and Associates, Fairfax, VA.
- State of Delaware v. Flagg, Sussex County, DE. Public Defender's Office, Wilmington, DE.
- U.S. Government v. Carpenter,<sup>(T)</sup> Washington, DC. Law Offices of Frances M. D'Antuono, Washington, DC.
- U.S. Government v. Hagens, Washington, DC. Law Offices of Harry Goldwater, Washington, DC.
- Commonwealth of Massachusetts v. Francois, Suffolk County, MA. Law Offices of Carrigan & Erickson, Boston, MA.
- State of Delaware v. Broughton, Sussex County, DE. Public Defender's Office, Wilmington, DE.

2000

- U.S. Government v. Payne, Washington, DC. Law Offices of Frances M. D'Antuono, Washington, DC.
- U.S. Government v. Dodson,<sup>(TP)</sup> Washington, DC. Law Offices of Mitchell & Dunn, Washington, DC, and Law Offices of Kiyonaga & Soltis, Washington, DC.
- State of Maryland v. Baig, Montgomery County, MD. Law Offices of Schmidt, Roth & Brennan, Rockville, MD.
- U.S. Government v. Ramirez, Washington, DC. Public Defender Service, Washington, DC.
- U.S. Government v. Singleton, Washington, DC. Law Offices of McCarthy & Sullivan, Bowie, MD.
- U.S. Government v. Stepney,<sup>(P)</sup> Washington, DC. Public Defender Service, Washington, DC.
- U.S. Government v. Smith, Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.
- Commonwealth of Pennsylvania v. Richards, Westmoreland County, PA. Shire Law Firm, Monessen, PA.
- U.S. Government v. Harris, Washington, DC. Public Defender Service, Washington, DC.
- U.S. Government v. Smith, Washington, DC. Law Offices of Cary Clennon, Washington, DC.
- U.S. Government v. Redding, Washington, DC. Public Defender Service, Washington, DC.
- U.S. Government v. Walker, Washington, DC. Public Defender Service, Washington, DC.
- U.S. Government v. Hart,<sup>(P)</sup> Washington, DC. Public Defender Service, Washington, DC.
- U.S. Government v. Leggett, Washington, DC. Public Defender Service, Washington, DC.

- 2001
- Commonwealth of Pennsylvania v. Schreckengost, Westmoreland County, PA. Office of the Public Defender, Greensburg, PA.
  - Commonwealth of Pennsylvania v. Williams, Westmoreland County, PA. Law Office of Mary E. Baloh, Greensburg, PA.
  - U.S. Government v. Trala, New Castle County, DE. Office of the Federal Public Defender, Wilmington, DE.
  - U.S. Government v. Smith, Washington, DC. Public Defender Service, Washington, DC.
  - U.S. Government v. Turner, Washington, DC. Public Defender Service, Washington, DC.
  - State of Indiana v. Degraffenreid, Madison County, IN. Law Office of Donald H. Hurst, Anderson, IN.
  - State of Maryland v. Moore, Baltimore, MD. Law Offices of Mazelis & Westhamer, Baltimore, MD.
  - Commonwealth of Pennsylvania v. Conn,<sup>(T)</sup> Mckean County, PA. Law Offices of Young & Smith, Wellsboro, PA.
  - Government of the Virgin Islands v. Brewster. St. Thomas, VI. Office of the Territorial Public Defender, St. Thomas, VI.
  - State of Delaware v. Warrington<sup>(T)</sup>, Sussex County, DE. Public Defender's Office, Wilmington, DE.
- 2002
- State of Maryland v. Fuster, Montgomery County, MD. Law Office of Albright & Rhodes, Rockville, MD.
  - Commonwealth of Virginia v. Oney, Chesterfield County, VA. Law Offices of Bowen, Bryant, Champlin & Carr, Richmond, VA.
  - Commonwealth of Virginia v. Funes,<sup>(T)</sup> Arlington County, VA. Law Offices of Philip N. Rhodes, Arlington, VA.
  - State of Michigan v. Kerbyson, Ionia County, MI. Law Offices of McKaig & Balice, Ionia, MI.
  - State of Delaware v. Daniels, Sussex County, DE. Public Defender's Office, Wilmington, DE.
  - Commonwealth of Virginia v. Workman,<sup>(T)</sup> City of Roanoke, Roanoke, VA. Law Offices of Anthony F. Anderson, Roanoke, VA.
- 2003
- Commonwealth of Virginia v. Dibble, City of Richmond, VA. Office of the Public Defender, Richmond, VA.
  - Commonwealth of Virginia v. Williams, Cumberland County, VA. Law Offices of Bowen, Bryant, Champlin & Carr, Richmond, VA.
  - Commonwealth of Virginia v. Taylor, City of Norfolk, VA. Law Offices of Abrons, Fasanaro & Sceviour, PLLC, Norfolk, VA.
  - Commonwealth of Virginia v. Helem,<sup>(T)</sup> Fairfax County, VA. Law Offices of William Reichhardt, Fairfax, VA.
  - U.S. Government v. Ingram,<sup>(T)</sup> Washington, DC. Law Offices of Cary Clennon, Washington, DC.

- Commonwealth of Virginia v. Lay,<sup>(T)</sup> Fairfax County, VA. Law Offices of Lopez, Meleen & Sprano, Fairfax, VA.
  - Commonwealth of Virginia v. Helem-Retrial,<sup>(T)</sup> Fairfax County, VA. Law Offices of William Reichhardt, Fairfax, VA.
  - Commonwealth of Virginia v. Smith, City of Richmond, VA. Office of the Public Defender, Richmond, VA.
  - Commonwealth of Virginia v. Selph, City of Richmond, VA. Office of the Public Defender, Richmond, VA.
- 2004
- Commonwealth of Virginia v. Westbrook, Albemarle County and the City of Charlottesville, VA. Office of the Public Defender, Charlottesville, VA.
  - U.S. Government v. Rice, City of Richmond, VA. Office of the Federal Public Defender, Richmond, VA.
  - U.S. Government v. Gutierrez, Washington, DC. Law Offices of Clark Fleckinger, Rockville, MD.
  - State of Delaware v. Ellis, Sussex County, DE. Law Offices of Joe Hurley, Wilmington, DE.
  - Commonwealth of Virginia v. Glanton, Chesterfield County, VA. Law Offices of Bowen Bryant, Champlin & Carr, Richmond, VA.
  - U.S. Government v. Payne, Washington, DC. Law Offices of Abraham Blitzer, Washington, DC.
  - State of North Carolina v. Goode, Johnston County, NC. Law Offices of Miles & Montgomery, Durham, NC.
  - Commonwealth of Virginia v. Epperson, City of Norfolk, VA. Office of the Public Defender, Norfolk, VA.
  - Commonwealth of Virginia v. Jackson, Fairfax County, VA. Office of the Public Defender, Fairfax, VA.
  - Commonwealth of Virginia v. Hayden,<sup>(T)</sup> Chesterfield County, VA. Law Office of Bowles & Bowles, Chesterfield, VA.
  - Commonwealth of Pennsylvania v. Richards,<sup>(T)</sup> Westmoreland County, PA. Law Offices of Chontos & Chontos, Greensburg, PA.
  - U.S. Government v. Logan,<sup>(T)</sup> Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.
  - U.S. Government v. Scott,<sup>(T)</sup> Washington, DC. Law Offices of Frances D'Antuono, Washington, DC.
  - Commonwealth of Virginia v. Smith, Chesterfield County, VA. Law Offices of Goodwin, Sutton, & Duval, Richmond, VA.
  - Commonwealth of Virginia v. Hernandez, Fairfax County, VA. Capital Defender Unit, Manassas, VA.
  - U.S. Government v. Guerra, Washington, DC. Law Offices of Hernandez & Mendoza, Washington, DC.
- 2005
- Commonwealth of Virginia v. Hayden (Retrial),<sup>(T)</sup> Chesterfield County, VA. Law Office of Bowles & Bowles, Chesterfield, VA.

- U.S. Government v. Grooms, City of Richmond, VA, Office of the Federal Public Defender, Richmond, VA.
  - State of Maryland v. Eskridge, Dorchester County, MD. Law Office of Jane Tolar, Easton, MD.
  - State of Delaware v. Hopkins, Kent County, DE. Public Defender's Office, Wilmington, DE.
  - State of New Jersey v. Williams, Newark, NJ. Law Office of Michael N. Pedicini, Morristown, NJ.
  - State of Maryland v. Douglas, Charles County, MD. Law Office of Richard Simmons, Annapolis, MD.
  - Commonwealth of Virginia v. Parker, Stafford County, VA. Law Office of John Mell, Fredericksburg, VA.
  - Commonwealth of Virginia v. Slater, City of Richmond, VA. Office of the Public Defender, Richmond, VA.
  - U.S. Government v. Logan (Retrial),<sup>(T)</sup> Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.
  - Commonwealth of Virginia v. Whitten, Stafford County, VA. Capital Defender Unit, Manassas, VA.
  - U.S. Government v. Richardson,<sup>(T)</sup> Washington, DC. Law Office of Cary Clennon, Washington, DC.
  - U.S. Government v. Fortson, Washington, DC. Law Office of Douglas Evans, Washington, DC.
  - Commonwealth of Virginia v. Rodriguez, Fairfax County, VA. Law Offices of William Reichhardt, Fairfax, VA.
  - Commonwealth of Virginia v. Salinas, City of Charlottesville, VA. Office of the Public Defender, Charlottesville, VA.
  - State of Maryland v. Orozco, Prince George's County, MD. Bodie, Nagle, Dolina, Smith & Hobbs, P.A., Towson, MD.
  - State of Maryland v. Glasgow, Baltimore County, MD. Hochberg, Costello & Baron, Towson, MD.
  - U.S. Government v. Logan (Retrial), Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.
  - Commonwealth of Virginia v. Burnette, Roanoke County, VA. Law Office of Robert F. Rider, Roanoke, VA.
  - State of Maryland v. Srun, Montgomery County, MD. Office of the Public Defender, Baltimore, MD.
  - Commonwealth of Virginia v. Winston, Richmond, VA. Capital Representation Resource Center, Charlottesville, VA.
  - Dawson v. Fisher, Prince George's County, MD. Law Offices of Powers & Amster, Upper Marlboro, MD.
- 2006
- Commonwealth of Virginia v. Williams, Richmond, VA. Office of the Federal Public Defender, Richmond, VA.



- State of Delaware v. Robinson, New Castle County, DE. Office of the Public Defender, Wilmington, DE.
- State of Maryland v. Canela, Baltimore, MD. Law Office of James Rhodes, Baltimore, MD.
- U.S. Government v. Austin, Washington, DC. Law Office of Cary Clennon, Washington, DC.
- State of Maryland v. Hitchens, Wicomico County, MD. Office of the Public Defender, Salisbury, MD.
- State of Maryland v. Hines, Montgomery County, MD. Office of the Public Defender, Baltimore, MD.
- State of Maryland v. Blanks, Dorchester County, MD. Law Offices of Creston P. Smith, LLC, Baltimore, MD.
- U.S. Government v. Johnson, Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.
- State of Maryland v. Derr, Charles County, MD. Sandler & Mercer, P.C., Rockville, MD.
- State of Maryland v. Siler, Towson, MD. Office of the Public Defender, Towson, MD.
- State of Maryland v. Smith, Cecil County, MD. Law Office of William W. Davis, Elkton, MD.
- State of Maryland v. Watson, Anne Arundel County, MD. Office of the Public Defender, Baltimore, MD.
- State of Maryland v. KulBicki, Baltimore, MD. Office of the Public Defender, Baltimore, MD.
- State of Maryland v. Silver, Baltimore City, MD. Office of the Public Defender, Baltimore, MD.
- U.S. Government v. Edwards, Richmond, VA. Office of the Federal Public Defender, Richmond, VA.
- Commonwealth of Virginia v. Jones, Chesterfield County, VA. Law Office of Wayne Morgan, Richmond, VA.
- State of Maryland v. Allen, Charles County, MD. Office of the Public Defender, Prince Frederick, MD.
- State of Maryland v. Johnson, Baltimore County, MD. Office of the Public Defender, Towson, MD.
- State of Maryland v. Hopewell, Baltimore County, MD. Office of the Public Defender, Baltimore, MD.
- State of Florida v. Nelson, Palm Beach County, FL. Office of the Public Defender, West Palm Beach, FL.
- State of Maryland v. Evans, Baltimore, MD. Office of the Public Defender, Towson, MD.

2007

- Commonwealth of Virginia v. Hill, City of Petersburg, VA. Office of the Public Defender, Petersburg, VA.

- U.S. Government v. Ingram, Washington, DC. Law Office of Cary Clennon, Washington, DC.
- U.S. Government v. Kent,<sup>(T)</sup> Washington, DC. Law Office of Jonathan Zucker, Washington, DC.
- State of Maryland v. Manokey, Anne Arundel County, MD. Law Offices of Joan Frazier, Baltimore, MD.
- State of Maryland v. Thomas, Dorchester County, MD. Office of the Public Defender, Cambridge, MD.
- Commonwealth of Virginia v. Cassell, Henrico County, VA. Law Office of Wayne Morgan, Richmond, VA.
- State of Maryland v. Buecker, Frederick County, MD. Office of the Public Defender, Frederick, MD.
- State of Delaware v. Hovatter, Sussex County, DE. Stumpf, Vickers & Sandy, P.A. Georgetown, DE.
- U.S. Government v. Johnson,<sup>(T)</sup> Washington, DC. Law Office of Thomas T. Heslep, Washington, DC.
- State of New Jersey v. Daniels, Cape May County, NJ. Office of the Public Defender, Cape May, NJ.
- State of New York v. Momplaisir, New York, NY. Law Office of Richard A. Siracusa, New York, NY.
- Chi Chi's v. Sysco Co.,<sup>(T)</sup> Ventura County, CA. Cozen O'Conner, Philadelphia, PA.
- State of Delaware v. Cannon, Kent County, DE. Office of the Public Defender, Wilmington, DE.
- Commonwealth of Virginia v. Fountain, Louisa County, VA. Office of the Capital Defender, Richmond, VA.
- State of Maryland v. Ashton, Prince George's County, MD. Christian, Ashin & Brown, P.C., College Park, MD.
- Commonwealth of Virginia v. Angel, Arlington County, VA. Office of the Public Defender, Falls Church, VA.
- Commonwealth of Virginia v. Studevart, Chesterfield County, VA. Law Offices of Bowen, Champlin, Carr, Foreman & Rockecharlie, Richmond, VA.
- U.S. Government v. Gooch, Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.
- U.S. Government v. Frye, Richmond, VA. Office of the Federal Public Defender, Richmond, VA.
- Commonwealth of Virginia v. Lamb, Hopewell, VA. Law Office of Robert Lichtenstein, Hopewell, VA.
- State of Kentucky v. Mills, Frankfort, KY. Jerome N. Frank Legal Services Organization, Yale Law School, New Haven, CT.
- U.S. Government v. Mobley, Fairfax County, VA. Lopez, Meleen & Sprano, PLC, Fairfax, VA.

- Commonwealth of Virginia v. Prieto,<sup>(T)</sup> Fairfax County, VA. Greenspun, Shapiro, Davis & Leary, P.C., Fairfax, VA.
  - Commonwealth of Virginia v. Stewart, Richmond, VA. Office of the Federal Public Defender, Richmond, VA.
  - U.S. Government v. West, Washington, DC. Law Office of Cary Clennon, Washington, DC.
  - State of Maryland v Dyer, Prince Georges County, MD. Roberts & Woods, Riverdale, MD.
  - U.S. Government v. Kingsberry, Washington, DC. Law Office of Seth Schragger, Springfield, VA.
  - Commonwealth of Virginia v. DeSilva, Henrico County, VA. Law Office of Wayne Morgan, Richmond, VA.
  - State of Maryland v. Wilkerson, Howard County, MD. Office of the Public Defender, Baltimore, MD.
  - State of Maryland v. Copeland, Baltimore County, MD. Office of the Public Defender, Baltimore, MD.
  - U.S. Government v. Lumpkin, Washington, DC. Law Offices of Thomas T. Heslep, Washington, DC.
  - U.S. Government v. Burke, Washington, DC. Baldwin, Molina & Escoto, Washington, DC.
  - State of North Carolina v. Blymyer, Rowan County, NC. Office of Indigent Defense Services, Durham, NC.
  - Commonwealth of Virginia v. Robertson, Arlington County and the City of Falls Church, VA. Office of the Public Defender, Arlington, VA.
  - Commonwealth of Virginia v. Abel, Loudoun County, VA. DiMuroGinsberg PC, Alexandria, VA.
  - State of Delaware v. Waterman,<sup>(T)</sup> Sussex County, DE. Office of the Public Defender, Wilmington, DE (Innocence Project).
  - State of Delaware v. Foraker, Sussex County, DE. Office of the Public Defender, Wilmington, DE.
- 2009
- U.S. Government v. White, Richmond, VA. Office of the Federal Public Defender, Richmond, VA.
  - Commonwealth of Virginia v. Ramada, City of Alexandria, VA, Greenspun, Shapiro, Davis & Leary, P.C., Fairfax, VA.
  - Commonwealth of Virginia v. Pagan, Arlington County, VA. Law Office of Mark Thrash, Arlington, VA.
  - State of Maryland v. Moore, Howard County, MD. Skadden, Arps, Slate, Meagher & Flom, LLP, Washington, DC (Post Conviction Hearing).
  - Commonwealth of Virginia v. Stanley, City of Roanoke, VA. Law Office of John Gregory, Jr., Salem, VA.
  - Commonwealth of Virginia v. Batts, Dinwiddie County, VA. Law Office of Robert L. Lichenstein, Hopewell, VA.

- State of Maryland v. Pryor, Washington County, MD. Office of the Public Defender, Hagerstown, MD.
- Commonwealth of Virginia v. Dillon, Roanoke County, VA. Osterhoudt, Prillaman, Natt, Helscher, Yost, Maxwell & Ferguson, PLC. Roanoke, VA.
- U.S. Government v. Lewis, Washington, DC. Law Office of Daniel W. Quillin, Washington, DC.
- U.S. Government v. Cadet, Richmond, VA. Office of the Federal Public Defender, Richmond,
- State of Delaware v. Cooper,<sup>(T)</sup> Kent County, DE. Law Office of Thomas D. Donovan, Dover, DE.
- Commonwealth of Virginia v. Martins, City of Radford, VA. Law Offices of Harrison & Turk, P.C., Radford, VA.
- State of Maryland v. Alvarado, Montgomery County, MD. Law Offices of Stephen Mercer, Rockville, MD.
- State of Maryland v. Ervin, Baltimore, MD. Mead, Flynn & Gray, P.A., Baltimore, MD.
- Ganley v. Taylor, Anne Arundel County. MD. Krause & Ferris, Annapolis, MD.
- State of Maryland v. Hunter, Baltimore, MD. Schulman, Treem, Kaminkow & Gilden, P.A., Baltimore, MD.

2010

- U.S. Government v. Harrison, Washington, DC. Law Office of Cary Clennon, Washington, DC.
- Commonwealth of Virginia v. Askew, Williamsburg, VA. Wagner & Hyman, Williamsburg, VA.
- State of Delaware v. Perry, Kent County, DE. Law Offices of Thomas D. Donovan, Dover, DE.
- Commonwealth of Virginia v. Romero-Baires, Fairfax County, VA. Office of the Public Defender, Fairfax, VA.
- Commonwealth of Virginia v. Williams<sup>(T)</sup>, Fairfax County, VA. Law Office of Michael J. Lindner, Fairfax, VA.
- Commonwealth of Virginia v. Dean, Arlington County, VA. Office of the Public Defender, Arlington, VA.
- State of North Carolina v. Ryan, Gaston County, NC. Hubbard & Beam, Gastonia, NC.
- Commonwealth of Virginia v. Kendall, Fairfax County, VA. Office of the Public Defender, Fairfax, VA.
- State of North Carolina v. Hurd, Mecklenburg County, NC. Public Defender's Office, Charlotte, NC.
- Commonwealth of Virginia v. Reese, City of Richmond, VA. Law Office of Edwin Brooks, Richmond, VA.
- Commonwealth of Virginia v. Ferrufino, Fairfax County, VA. Office of the Public Defender, Fairfax, VA.

- Prince George's County Police Department v. Brunson<sup>(T)</sup>, Administrative Hearing. Prince George's County, MD. Schlachman, Belsky & Weiner, P.A., Baltimore, MD.
- Commonwealth of Virginia v. Cole<sup>(T)</sup>, City of Petersburg, VA. Albato & Davis, Richmond, VA.
- State of Delaware v. Beltran, Kent County, DE. Curly & Rodriguez, Dover, DE.
- Commonwealth of Pennsylvania v. Detwiler<sup>(T)</sup>, Westmoreland County, PA. Law Office of Ken Baldonieri, Greensburg, PA.
- U.S. Government v. Tillery, City of Richmond, VA. Office of the Federal Public Defender, Richmond, VA.

2011

- Commonwealth of Virginia v. Askew, Williamsburg, VA. Wagner & Hyman, Williamsburg.
- Commonwealth of Pennsylvania v. Werner, Washington County, PA. Shire Law Firms, Monessen, PA.
- Commonwealth of Virginia v. Baskerville, City of Charlottesville, VA. Law Office of Janice L. Redinger, Charlottesville, VA.
- Commonwealth of Virginia v. DeMary, Fairfax County, VA. Office of the Public Defender, Fairfax, VA.
- Commonwealth of Virginia v. Rose, City of Petersburg, VA. Office of the Public Defender, Petersburg, VA.
- Commonwealth of Virginia v. Guanilo-Cueva, Shenandoah County, VA. Briglia, Hundley, Nuttall & Kay, P.C., Vienna, VA.
- Commonwealth of Virginia v. Carter, City of Virginia Beach, VA. Office of the Capital Defender, Norfolk, VA.
- Commonwealth of Virginia v. Rodriguez-Juarez<sup>(T)</sup>, Fairfax County, VA. Kissiah & Schaefer, PLLC, Fairfax, VA.
- State of Maryland v. Woodrow, Montgomery County, MD. Hall & Cho, PC, Rockville, MD.
- State of Maryland v. Mbemba, Montgomery County, MD. Hecht & Associates, LLC, Silver Spring, MD.
- State of North Carolina v. Thompson, Mecklenburg County, NC. Goodman, Carr, Laughrun, Levine & Green, PA. Charlotte, NC
- U.S. Government v. Ridley, Washington, DC. Law Office of Cary Clennan, Washington, DC.
- Commonwealth of Virginia v. Evans, Chesterfield County, VA. Law Office of Linwood T. Wells, Richmond, VA.
- Commonwealth of Virginia v. Evans, Nottoway County, VA. Law Office of Linwood T. Wells, Richmond, VA.
- U.S. Government v. Cook, Alexandria, VA. Office of the Federal Public Defender, Alexandria, VA.
- State of Maryland v. Shukrullah, Worchester County, MD. Pishevar & Associates, Rockville, MD.

- Commonwealth of Virginia v. Williams, Fairfax County, VA. Law Office of McGuiness Williams, Fairfax, VA.
- Commonwealth of Virginia v. Argueta, Fairfax County, VA. Kissiah & Schaefer, PLLC, Fairfax, VA.
- Commonwealth of Pennsylvania v. Campbell, Butler County, PA. Law Office of Christopher Capozzi, Pittsburgh, PA.
- State of North Carolina v. Willis, Mecklenburg County, NC. Goodman, Carr, Laughrun, Levine & Green, PA. Charlotte, NC.

2012

- Commonwealth of Virginia v. Carter<sup>(T)</sup>, City of Richmond, VA. Law Office of Timothy R. Baskerville, PLLC, Richmond, VA.
- U.S. Government v. Terry, Washington, DC. Law Office of Jonathan Zucker, Washington, DC.
- Commonwealth of Virginia v. Howard, Rockbridge County, VA. Law Office of Ross S. Haine, Lexington, VA.
- State of Maryland v. Hutchinson, Montgomery County, MD. Willams & Connolly LLP, Washington, DC.
- Martin v. Gunter, City of Petersburg, VA. Law Offices of Johnson, Andrews, Baskervill & Lupold, Petersburg, VA.
- Commonwealth of Virginia v. Hanson, Fairfax County, VA. Office of the Public Defender, Fairfax, VA.
- State of North Carolina v. Ryan (Appeal), Gaston County, NC. Massengale & Ozer, Chapel Hill, NC.
- Commonwealth of Virginia v. Ramsey<sup>(T)</sup>, Fairfax County, VA. Elders, Zinicola & Blanch, PLLC, Fairfax, VA.
- Commonwealth of Virginia v. Roy, Loudoun County, VA. Connell, Sheldon & Flood, PLC, Fairfax, VA.
- Commonwealth of Virginia v. Park, Fairfax County, VA. Office of the Public Defender, Fairfax, VA.
- State of North Carolina v. Blymyer<sup>(T)</sup>, Rowan County, NC. North Carolina Prisoner Legal Services, Inc. Raleigh, NC.
- Commonwealth of Kentucky v. Lee<sup>(T)</sup>, Greenup County, KY. Hamilton & Stevens, PLLC. Pikeville, KY.
- Commonwealth of Virginia v. Bates, City of Petersburg, VA. Office of the Public Defender, Petersburg, VA.
- Commonwealth of Virginia v. Bonilla, Fairfax County, Law Office of Meghan A. Matulka, Vienna, VA.
- Commonwealth of Virginia v. Hall, Fairfax County, Office of the Public Defender, Fairfax, VA.
- State of West Virginia v. Simms, Berkeley County, WV. Public Defender Corporation, Martinsburg, WV.
- State of Delaware v. Lewis, Kent County, DE. Law Offices of Curley, Rodriquez & Benton, LLC. Dover, DE.

- State of Delaware v. Stevenson, Kent County, DE. Law Offices of Curley, Rodriquez & Benton, LLC. Dover, DE.

2013

- State of Delaware v. Hicks, Kent County, DE. Schwartz & Schwartz, Dover, DE.
  - Commonwealth of Virginia v. Jun, Prince William County, VA. Zweig & Associates, PC, Manassas, VA.
  - Commonwealth of Virginia v. Martin, Arlington County, VA. Law Office of Mark Thrash, Arlington, VA.
  - State of Delaware v. Al-Rasul, Wilmington, DE. Law Offices of Joseph W. Benson, PA, Wilmington, DE.
  - Commonwealth of Virginia v. Jackson, City of Petersburg, VA. Novey & Tomko Law Firm, Prince George, VA.
  - U.S. Government v. Moore (Appeal), Washington, DC. Law Office of Mindy Daniels, Hyattsville, MD.
  - Commonwealth of Virginia v. Hope, City of Petersburg, VA. Office of the Public Defender, Petersburg, VA.
  - U.S. Government v. Casey, San Juan, PR. Office of the Federal Public Defender, San Juan, PR.
  - State of Maryland v. White, Baltimore County, MD. Law Office of Michael Mitchell, Baltimore, MD.
  - U.S. Government v. Sabar, Alexandria, VA. Taylor Law Company, Fairfax, VA.
  - Commonwealth of Virginia v. Lucas, Fairfax County, VA. Law Office of Roger G. Nord, Fairfax, VA.
  - Commonwealth of Virginia v. Downing, Fairfax County, VA. Office of the Public Defender, Fairfax, VA.
  - Commonwealth of Virginia v. Perez-Paez, City of Newport News, VA. Office of the Capital Defender, Henrico, VA.
  - U.S. Government v. McManus, Washington, DC. Law Office of Dennis Galarowicz, Washington, DC.
  - State of Delaware v. Ingram, Sussex County, DE. Curley & Benton, LLC, Dover, DE.
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- Commonwealth of Virginia v. Waller, Chesterfield County, VA. Law Office of Linwood T. Wells, Richmond, VA.
  - U.S. Government v. Johnson, Washington, DC. Law Office of Janai C. Reed, Washington, DC.
  - Commonwealth of Virginia v. Smith, City of Petersburg, VA. Law Office of Lee W. Kilduff, Richmond, VA.
  - U.S. Government v. Clark, Washington, DC. Law Office of Daniel Quillin, Washington, DC.

- Commonwealth of Virginia v. Newman, Fairfax County, Office of the Public Defender, Fairfax, VA.
- State of Delaware v. Purnell, Sussex County, DE. Office of the Public Defender, Wilmington, DE.
- Commonwealth of Virginia v. Lockett, Prince Edward County, VA. Law Office of Roger B. Stough, Appomattox, VA.
- Commonwealth of Virginia v. Akbar<sup>(T)</sup>, Franklin County, VA. Law Office of Melissa P. Keen, Rocky Mount, VA.
- Commonwealth of Virginia v. Scott, City of Williamsburg, VA. D.R. Dansby Ltd., Williamsburg, VA.
- State of Delaware v. Stephenson, New Castle County, DE. Office of the Public Defender, Wilmington, DE.

<sup>(T)</sup> - Expert Testimony Provided; <sup>(P)</sup> - Paternity Case