

CURRICULUM VITAE

Peter R. De Forest

Birthdate: August 24, 1941

Birthplace: Los Angeles, California

Family Status:

Married: January 25, 1966 to Carol Etsuko Toriumi

Daughter: Ellen Kimiko born December 1, 1973

Son: Robert Toriumi born April 10, 1976

Education:

Graduated from Ventura High School, Ventura, CA, June 1959

A.A. degree (chemistry), Ventura College, January 1962

B.S. (with honors) in criminalistics, University of California, Berkeley, June 1964

D.Crim. in criminalistics, University of California, Berkeley, June 1969

Experience:

Student Forensic Chemist, Ventura County Sheriff's Crime Laboratory, Ventura, CA, September 1960 to August 1962

Laboratory Aide, Paul L. Kirk and Associates, Berkeley, California, October 1962 to June 1964

Student, Field Study, Richmond (California) Police Department Crime Laboratory, September 1963 to March 1964

Research Assistant, USPH Toxicology Grant, University of California, Berkeley, 1963 to 1967 (summers)

Criminalist-Consultant, Paul L. Kirk and Associates, Berkeley, California, June 1964 to May 1969

Teaching Assistant, Criminalistics, University of California, Berkeley, September 1964 to June 1967

Teaching Fellow, Criminalistics, University of California, Berkeley, September 1967 to June 1968

Scientific Observer, Physical Evidence Study with Berkeley Police Department, (Professor Brian Parker, principal investigator), LEAA Grant NI-020-032, Summer 1969

Faculty Member, Department of Sciences, John Jay College of Criminal Justice, City University of New York, New York, NY

Assistant Professor of Criminalistics, 9/1/69 - 12/31/73

Associate Professor of Criminalistics, 1/1/74 - 12/31/79

Professor of Criminalistics, 1/1/80 - 1/2/08 -- Retired

Doctoral Dissertation:

"Individualization of Human Hair - Pyrolysis-Gas Chromatography", University of California at Berkeley, May 1969. Director, Dr. Paul L. Kirk, Professor of Criminalistics, Committee Members: Drs. James Cason and Chester O'Konski, Professors of Chemistry.

Honorary and Professional Society Memberships:

Member of the Upper Division and Graduate Scholastic Honor Students' Society of the University of California, Berkeley, January 1963 to June 1965
President of the Upper Division and Graduate Scholastic Honor Students' Society of the University of California, Berkeley, June 1964 to June 1965
Corresponding Member of the California Association of Criminalists, from October 1968
Associate Member of The Society of the Sigma Xi (1968-1971)
Fellow of the American Academy of Forensic Sciences
Chair, Committee to Select Name for Criminalistics Section Award, AAFS, 1986.
Member, Student Affiliate Chapter Committee of the (AAFS).
Program Chair, Scientific Program, Criminalistics Section, 2005 AAFS Meeting, New Orleans
Secretary, Criminalistics Section, American Academy of Forensic Sciences, 2005-2006.
Chair, Criminalistics Section, American Academy of Forensic Sciences, 2006-2007.
Member of the New York Academy of Sciences
Member of the American Association for the Advancement of Science
Member of the American Society for Testing and Materials (ASTM) Committee E-30 on Forensic Sciences
Corresponding Secretary of the Criminalistics Subcommittee of the ASTM Committee E-30 on Forensic Sciences (1972-1974)
Awarded Honorary Life Membership, Northeastern Association of Forensic Scientists (NEAFS), 1989.
Chairman of the Education Committee NEAFS (1977-1979)
Member of the American Chemical Society
Member of the New York Microscopical Society (NYMS) and
Board of Managers of NYMS/ Recording Secretary (1986-89), Vice President (1989-90)
Member of the Canadian Society of Forensic Science
Member, Committee on Forensic Hair Comparison, (under auspices of the FBI Forensic Science Research and Training Center and The International Association of Microscopy) (1985-1986).
Charter Member New York Society of Forensic Sciences (NYSFS), Secretary NYSFS from 1986 to 1996.
Chairman, Council on Forensic Science Education, 1991-1992
Sustaining Life Member of the International Association for Identification (IAI), from 1994.
Academic Affiliate, American Society of Crime Laboratory Directors, from 1997.
Member, International Association of Chiefs of Police (IACP) from 2003.

Honors and Advisory Committee Memberships:

Listed in American Men of Science, from 12th Edition
Listed in Who's Who in the East, from 15th Edition
Member, Criminal Justice Advisory Council, University of New Haven, September 1976 to 1979.
Member, New York State Crime Laboratory Advisory Committee, from October 1977
Member, Forensic Microscopy Workshop Steering Committee, Forensic Sciences Foundation, Rockville, MD, from June 1978
Member, Forensic Sciences Education Guidelines Committee, Forensic Sciences Foundation, Rockville, MD, September 1979
Commendation, Greenburgh (New York) Police Department, June 1978
Honorary Life Member Award, Northeastern Association of Forensic Scientists (NEAFS), October 20, 1989.
Member, Editorial Board, *Crime Laboratory Digest* (ceased publication in 1998)
Member, Editorial Board, *Journal of Forensic Sciences* (to end of term in 2003)
Chairman, Examination Committee, American Board of Criminalistics from 1990 to 2001

Chairman, Examination Committee, Crime Scene Certification Board, New York Division of the International Association for Identification from 1999 to 2003.

Recipient of the Paul L. Kirk Award of the Criminalistics Section of the American Academy of Forensic Sciences, 1999.

Member, Scientific Working Group on Materials Analysis (SWGMAT) sponsored by the FBI.

Member, Technical Working Group on Education and Training in Forensic Science (TWG-ED) funded by the National Institute of Justice (NIJ) (2000-2003).

Member of *Committee on Scientific Assessment of Bullet Lead Elemental Composition Comparison* of the National Research Council, National Academy of Sciences from February 2003 to February 2004.

Commissioner, Forensic Education Program Accreditation Commission/ (FEPAC) sponsored by the American Academy of Forensic Sciences (AAFS) (Inception through end of term Feb. 2006).

Member, *Forensics Committee* of the International Association of Chiefs of Police (IACP) term ending Fall 2007.

Member Advisory Committee for New York City Police Department Laboratory 2004.

Certificates and Licenses Held and Special Short Courses and Workshops Taken:

X-ray Analytical Instrumentation, 55th Norelco X-ray Analytical School, San Francisco, CA, September 12-16, 1966

Kodak Law Enforcement Photography Seminar, San Francisco, CA, February 17, 1967

Glass Capillary Gas Chromatography, Hewlett-Packard Company, Paramus, NJ, April 20-21, 1978

Bloodstain Workshop, Northeastern Association of Forensic Scientists (NEAFS), St. John's University, March 31, 1979

Advanced Microscopy/Soils, McCrone Research Institute, sponsored by LEAA/NILECJ, Chicago, IL, April 15-20, 1979

Certificate of Competency in General Criminalistics, California Association of Criminalists, 1989 (Certificate #99).

Certified Senior Crime Scene Analyst, International Association for Identification, 1990-2003.

Diplomate of the American Board of Criminalistics, 1992 (Certificate # 005).

Federal Firearms License # 6-13-119-01-3M-33535

State of New York, Dealer in Firearms (License #103794F)

State of New York, Gunsmith (License # 103795G)

Teaching:

Courses Taught at John Jay

Undergraduate

Forensic Science 108, Concepts of Forensic Science

Forensic Science 213, Survey of Criminalistics

Forensic Science 315-316 and 415-416 Forensic Science Laboratory

Forensic Science 401, Laboratory Internship

Chemistry 310, Scientific Arson Investigation

Graduate

Forensic Science 710-711, Advanced Criminalistics I and II

Forensic Science 723, Analytical Toxicology

Forensic Science 790, Crime Scene Reconstruction for the Laboratory Scientist (Fall Semesters 1982, 90, 92, 95, 98) and Spring 2001.

Forensic Science 791, Thesis Seminar
Forensic Science 792-793, Lab Research Tutorial I and II
Criminal Justice U715, Science and Justice, Ph.D. Seminar

Off-Campus Teaching

- Presented three lectures "Forensic Microscopy" at Northeastern University, Boston, MA, February-March, 1976.
- Lectured in "Crime Scene Investigation Seminar" sponsored by the Criminal Justice Center, John Jay College, New York, NY, June 1976.
- Lectured and took part in panel discussion in "Arson - A Five Day Seminar," sponsored by The Criminal Justice Center and the Pinkerton Foundation, New York, NY, January 31-February 4, 1977.
- Co-Taught and helped organize "Forensic Microscopy," sponsored by the Northeastern Association of Forensic Scientists, University of Connecticut, Storrs, CT, June 18-24, 1977.
- Lectured and helped organize a serological evidence seminar for the Morris County Detectives Association in cooperation with the North Regional Laboratory, New Jersey State Police, November 21-23, 1977.
- Lectured in "Arson Seminar," New Haven Fire Department, New Haven, CT, November, 1977.
- Lectured and helped organize "Introduction to Forensic Microscopy," sponsored by the Northeastern Association of Forensic Scientists, University of Connecticut, Storrs, CT, August 20-25, 1978.
- Lectured and helped organize "Basic Bloodstain Workshop," sponsored by the Northeastern Association of Forensic Scientists, University of New Haven, West Haven, CT, October 8-13, 1978.
- Presented one day lectures in the "Scientific Investigation of Crime" seminar at the Southern Police Institute, University of Louisville, KY, December 7, 1978 and December 7, 1979.
- Lectured in "Advanced Arson Seminar", Connecticut Police Academy, Meriden, CT, June 12-14, 1979.
- Organized and lectured in a workshop entitled "Bloodstain Pattern Interpretation," sponsored by the Northeastern Association of Forensic Scientists, John Jay College, CUNY, New York, NY, January 25, 1985.
- Lectured and helped organize "Polarized Light and Chemical Microscopy," sponsored by the Northeastern Association of Forensic Scientists, St. John's University, Queens, NY, April 8-11, 1985.
- Lectured and helped organize, "Forensic Science -- A Workshop for High School Chemistry Teachers," Sacred Heart University, Bridgeport, CT, April 26, 1985.
- Lectured in "Bloodstain Evidence Seminar," sponsored by the Connecticut State Police and the Municipal Police Training Council, Police Academy, Meriden, CT, May 28-31, 1985.
- Lectured and helped organize, "Modern Forensic Science -- Theory and Practice," a series of lectures given at People's University, Beijing, China, August 6 - 20, 1985, sponsored by the Government of the Peoples Republic of China.
- Presented a lecture entitled, "Bloodstain Pattern Interpretation and Crime Scene Reconstruction", for Office of the District Attorney, Erie County, Buffalo, NY, February 1, 1986.
- Presented a lecture entitled, "Crime Scene Investigation and Documentation", lecture for students at Municipal Police Training Council (MPTC) Headquarters, Meriden, CT, February 26, 1986.
- Organized and lectured in, "Bloodstain Pattern Interpretation", a course for the staff of the Forensic Science Laboratory, Suffolk County, Hauppauge, NY, May 16-17, 1986.
- Presented plenary lecture, "The Crime Scene and the Criminalistics Laboratory", to investigators from police departments in New York State at the 4th Annual Statewide Special Programs Conference (MOPP, SWEEP, HALT) sponsored by DCJS, Albany, NY, June 6, 1986.
- Presented lectures, "Bloodstain Patterns and Crime Scene Reconstruction", to two groups of crime scene personnel, Bureau of Criminal Identification (BCI), New York State Police, State Police Academy, State Campus, Albany, NY, October 20, November 3, 1986.
- Presented a lecture, "The Role of Chemistry in the Forensic Individualization of Physical Evidence," undergraduate chemistry seminar, Pace University, Pleasantville, NY, March 11, 1987.

- Presented a lecture, "Crime Scene Investigation and Documentation", for students at Municipal Police Training Council (MPTC) Headquarters, Meriden, CT, March 18, 1987.
- Organized and lectured in a course entitled "Crime Scene Reconstruction," sponsored by the Florida Department of Law Enforcement, Tallahassee, FL, September 30 thru October 1, 1987.
- Lectured in "Scientific Sleuthing -- A Program for Teachers," a workshop for high school teachers sponsored by the New York Section of the American Chemical Society, New York, NY, November 14, 1987.
- Presented Eighth Annual Sweeny Lecture, Department of Chemistry, Lehman College/ CUNY, December 4, 1987.
- Presented a lecture entitled "Crime Scene Reconstruction," for the Crime Scene Unit, New York City Police Department, February 3, 1988.
- Presented two lectures in "Forensic Evidence," a Course for Public Defenders, Mississippi Judicial College, Medical Center, Univ. of Mississippi, Jackson, MS, March 17, 1988.
- Presented a lecture, "Forensic Chemistry," Department of Chemistry/Physics, Sacred Heart University, Fairfield, CT, April 5, 1988.
- Speaker, Doctoral Colloquium Series, Ph.D. Program in Criminal Justice, City University of New York, May 9, 1988.
- Presented lectures on Forensic Science, Hair and Fiber Evidence, to investigators and attorneys of the Public Defender's Office, Department of the Public Advocate, Trenton, NJ, May 18, 1988.
- Speaker, Meeting of Forensic Science Educators, New York, May 21, 1988.
- Presented three lectures entitled "Scientific Investigation of the Crime Scene," at Nassau Science Explorations, Hofstra University, May 24, 1988.
- Presented lectures entitled "Crime Scene Reconstruction" and "Documentation," for the Crime Scene Unit, New York City Police Department, June 7, 1988.
- Faculty Member, session on "New and Evolving Issues Involving Expert Witnesses," Judicial Seminar, Rochester, NY, July 13, 14, 20, 21, 1988, sponsored by Office of Court Administration, New York State Unified Court System.
- Presented lecture entitled "Trace Evidence and Crime Scene Reconstruction," Fiftieth Summer Conference of the New England Association of Chemistry Teachers, Hotchkiss School, Lakeville, CT, August 17, 1988.
- Lectured, "Crime Scene Reconstruction Workshop," Fourteenth Annual Meeting of the Northeastern Association of Forensic Scientists, Mystic, CT, October 20 - 21, 1988.
- Presented lectures on crime scene reconstruction at the 99th Eastern Armed Robbery Conference hosted by the Maryland State Police, Timonium, MD, November 17, 1988.
- Presented lecture on forensic science to the Western Connecticut Section of the American Chemical Society, Stamford, CT, January 17, 1989.
- Presented lectures entitled "Crime Scene Reconstruction" and "Documentation," for the Crime Scene Unit, New York City Police Department, January 30, 1989.
- Presented lecture entitled "Science at the Crime Scene," at the National Convention and Seminar of the National Association of Legal Investigators, Philadelphia, PA, July 14, 1989.
- Presented a lecture entitled, "Crime Scene Reconstruction, Evidence Recognition, and Scene Documentation, for The Bergen County Prosecutor's Office, Police Academy, Mahwah, NJ, October 31, 1989.
- Presented a lecture entitled "Crime Scene Reconstruction and Physical Evidence Interpretation," for the Public Defender's Office, Department of the Public Advocate, State of New Jersey, Trenton, NJ, November 13, 1989.
- Lectured in "Forensic Hair Symposium," sponsored by the Northeastern Association of Forensic Scientists, New York, NY, November 17-18, 1989.
- Presented a lecture entitled, "Forensic Science," for Department of Chemistry, Fordham University, Bronx, NY, November 28, 1989.
- Presented a lecture entitled, "Forensic Chemistry," for Math-Science Cluster/ Bronx-Manhattan Conference/ Lehman High School, Bronx, NY, March 21, 1990.

- Presented a lecture entitled, "Forensic Chemistry," Meeting of Connecticut Science Teachers, Sacred Heart University, Fairfield, CT, May 2, 1990.
- Presented module entitled, "Trajectory Reconstructions, " in Crime Scene Reconstruction Workshop sponsored by the American Academy of Forensic Sciences, Anaheim, CA, February 19, 1991.
- De Forest, P.R., "Forensic Sciences", presented at Career Days, New York Hall of Science, Flushing, NY, April 28, 1992.
- De Forest, P.R., "Forensic Science and Crime Scene Reconstruction", presented at Death Scene Investigation Seminar, Vermont State's Attorneys Conference, Vermont Technical College, Randolph, VT, June 4, 1992.
- De Forest, P.R., "Crime Scene Reconstruction", presented at Training Seminar, Criminal Defense Division of Legal Aid Society, Fordham University, New York, NY, June 9, 1992.
- De Forest, P.R., "Reconstruction: The Scene and the Courtroom", presented at 1992/93 Seminar Series, Effective Use of Experts in Civil Trials, Connecticut Trial Lawyers Association, Cromwell, CT, November 21, 1992.
- De Forest, P.R., organized and lectured in, "Evidence Recognition and Crime Scene Reconstruction," for the Scientific Investigation Bureau, Nassau County Police Department, March 16, 23, 30, 1993.
- De Forest, P.R., presented one day lecture, "Crime Scene Reconstruction," at Crime Scene Investigator's Course, conducted by The Detective Bureau, New York City Police Department, Fort Schyler, September 28, 1993.
- De Forest, P.R., presented welcoming lecture, "A Historical Perspective of the Northeastern Association of Forensic Scientists," at the Twentieth Annual Meeting of Northeastern Association of Forensic Scientists, New York, NY, October 14, 1994.
- De Forest, P.R., "Trajectory Reconstructions", in Crime Scene Workshop at the 21st Annual Meeting of the Northeastern Association of Forensic Scientists, Mystic, CT, October 25-28, 1995.
- De Forest, P.R., lectured at the National Training Centre for Scientific Support to Investigations, Harperley Hall, Crook, England, UK, November, 1997.
- De Forest, P.R., "Crime Scene Examination -- A Cognitive Approach", presented at the Third International Seminar on Advancing the Scientific Investigation of Crime, Durham, England, UK, July 11th-23rd, 1999.
- De Forest, P.R., Advanced Crime Scene Reconstruction Workshop: "Glass Evidence" and "Bloodstain Pattern Evidence," Presented at the 25th Annual Meeting of NEAFS, Hyannis, MA, October 13-16, 1999.
- De Forest, P.R., "Shooting Reconstructions and the Totality of the Physical Evidence", Reconstruction of Shooting Crime Scenes Workshop, presented at the 29th Annual Meeting of the Northeastern Association of Forensic Scientists, Pittsfield, MA, November 5-8, 2003.
- De Forest, P.R., "Shooting Reconstructions and Trace Evidence", Reconstruction of Shooting Crime Scenes Workshop, presented at the 30th Annual Meeting of the Northeastern Association of Forensic Scientists, Mystic, CT, September 29, 2004.
- De Forest, P.R., "Trace Evidence", presented in a Trace Evidence Workshop at the 104th Semi-Annual Seminar, California Association of Criminalists, Ventura, CA, October 26, 2004.
- De Forest, P.R., "Shooting Reconstructions and Trace Evidence", Reconstruction of Shooting Crime Scenes Workshop, presented at the 31st Annual Meeting of the Northeastern Association of Forensic Scientists, Newport, RI, November , 2005.
- De Forest, P.R., "Forensic Science (Criminalistics) is 'Rocket Science'," Keynote Address, Bay Path College, March 7, 2006
- De Forest, P.R., "Police Involved Shootings -- Forensic Science Early," presented at the Mid-Year Meeting of the Forensics Committee of the IACP Tampa, FL, March 10th, 2006.

College and University Appointments:

Coordinator for the Master of Science in Forensic Science Program, (from 1970)

Member of Doctoral Faculty, City University of New York, for Program in Criminal Justice
 Member, Executive Committee for Ph.D. Program in Criminal Justice (from inception/ one interruption)
 Past Member, Admissions Committee for Ph.D. Program in Criminal Justice
 Past Member, Faculty Membership and Financial Aid Committees for CJ Ph.D.
 Acting Graduate Dean, Spring 1989 Semester
 Visiting Professor, Forensic Science Unit, Univ. Strathclyde, Glasgow, Scotland, October 7-18, 1991.
 Visiting Professor, Forensic Science Unit, Univ. Strathclyde, Glasgow, Scotland, October 19-28, 1992.
 Visiting Professor, Forensic Science Unit, Univ. Strathclyde, Glasgow, Scotland, October 16-28, 1994.
 Exchange Professor, National Crime Faculty, Police Staff College, Bramshill, Hampshire, England, UK, September to December, 1997.

Publications:

Books and Chapters

- De Forest, P.R., "Foundations of Forensic Microscopy," Chapter 9 in *Forensic Science Handbook*, Saferstein, R., ed., Prentice-Hall, Englewood Cliffs, NJ, 1981, pp. 416-528.
- De Forest, P.R., Gaensslen, R.E., Lee, H.C., *Forensic Science--An Introduction to Criminalistics*, McGraw-Hill, New York, 1983, 463 pages.
- Lee, H.C. and De Forest, P.R., "Forensic Hair Examination," Chapter 37A in *Forensic Science*, Cyril Wecht, Ed., Matthew Bender, New York, 1984, pp. 37A-1 thru 37A-46.
- De Forest, P.R., Petraco, N., and Kobilinsky, L., "Chemistry and the Challenge of Crime," Chapter 5 in *Chemistry and Crime -- from Sherlock Holmes to Today's Courtroom*, S.M. Gerber, ed., ACS Symposium Series, American Chemical Society, Washington, 1983, pp. 45-63.
- De Forest, P.R., Tebbet, I.R., and Larsen, A.K., "Pyrolysis Gas Chromatography in Forensic Science," Chapter 6 in *Gas Chromatography in Forensic Science*, I Tebbett, ed., Ellis Horwood, London, 1992, pp. 165-185.
- Petraco, N. and De Forest, P.R., "A Guide to the Analysis of Forensic Dust Specimens," Chapter 2 in *Forensic Science Handbook, Vol. III*, Saferstein, R., ed., Prentice-Hall, Englewood Cliffs, NJ, 1993, pp. 24-70.
- Nelson, D.C. and De Forest, P.R., "Forensic Examination of Hairs for Cosmetic Treatment," Chapter 6 in *Forensic Examination of Hair*, J. Robertson, ed., Taylor and Francis, London, 1999, pp. 229-242.
- De Forest, P.R., "What is Trace Evidence?," Chapter 1 in *Forensic Examination of Glass and Paint*, B. Caddy, ed., Taylor and Francis, London, 2001, pp. 1-25.
- De Forest, P.R., "Crime Scene Investigation", in *Encyclopedia of Law Enforcement*, L. Sullivan, ed., Sage Publications, Thousand Oaks, CA, 2005, pp. 111-116.

Articles in Refereed Journals

- Ojena, S.M. and De Forest, P.R., "Precise Refractive Index Determinations by the Immersion Method, Using Phase Contrast Microscopy and the Mettler Hot Stage," *Journal of the Forensic Science Society*, **12**, (1972), pp. 315-329.
- Ojena, S.M. and De Forest, P.R., "A Study of Refractive Index Variations Within and Between Sealed-Beam Headlights Using a Precise Method," *Journal of Forensic Sciences*, **17**, (1972), pp.409-425.
- De Forest, P.R. and Berger, S.A., "The Forensic Chemist and Environmental Pollution," *The Criminologist*, **7**, No. 26, Autumn, (1972), pp. 37-44.
- De Forest, P.R., and Kirk, P.L., "Forensic Individualization of Hair," *The Criminologist*, **8**, No. 27, Winter, (1973), pp. 35-45.
- De Forest, P.R., "The Potential of Pyrolysis-Gas Chromatography for the Pattern Individualization of Macromolecular Materials," *Journal of Forensic Sciences*, **19**, (1974), pp. 113-120.

- De Forest, P.R., Morton, C.V., and Henderson, R.A., "Microscopic Morphology of Marijuana Ash," *Journal of Forensic Sciences*, **19**, (1974), pp. 372-378.
- Berger, S.A. and De Forest, P.R., "A Simple Self-Contained Delivery-Absorption Cell System for Microphotometric Titrations," *Mikrochimica Acta* (Wein), (1974), pp. 689-696.
- Lee, H.C. and De Forest, P.R., "A Precipitin-Inhibition Test on Denatured Bloodstains for the Determination of Human Origin," *Journal of Forensic Sciences*, **21**, (1976), pp. 804-810.
- Peterson, J.L., and De Forest, P.R., "The Status of Forensic Science Degree Programs in the United States," *Journal of Forensic Sciences*, **22**, (1977), pp. 17-33.
- Canfield, D.V. and De Forest, P.R., "The Use of the Gandolfi Camera as a Screening and Confirmation Tool in the Analysis of Explosive Residues," *Journal of Forensic Sciences*, **22**, (1977), pp. 337-347.
- Chao, J.M., Loscalzo, P.J., and De Forest, P.R., "Detection of Gasoline Vapor from Different Surfaces after Various Periods of Combustion and Collection Delay," *Arson Analysis Newsletter*, **1**, No. 6, (1977), pp. 4-8.
- Lee, H.C. and De Forest, P.R., "Identification of Blood by Anti-Human Hemoglobin Serum," *Police Science*, (Taiwan, ROC), **9**, No. 34, (1979), pp. 110-114.
- Loscalzo, P.J., De Forest, P.R., and Chao, J.M., "A Study to Determine the Detectability of Gasoline Vapor from Simulated Arson Residues," *Journal of Forensic Sciences*, **25**, (1980), pp. 162-167.
- Petraco, N., De Forest, P.R., and Harris, H.A., "A New Approach to the Microscopical Examination and Comparison of Synthetic Fibers Encountered in Forensic Cases," *Journal of Forensic Sciences*, **25**, 1980, pp. 571-582.
- Sottolano, S.M. and De Forest, P.R., "An Improved Technique for the Preparation of Teichmann and Takayama Blood Crystals," *Microscope*, **28**, 1980, pp. 41-46.
- Resua, R., De Forest, P.R., and Harris, H.A., "The Evaluation and Selection of Uncorrelated Paired Solvent Systems for use in the Comparison of Textile Dyes by Thin Layer Chromatography," *Journal of Forensic Sciences*, **26**, 1981, pp. 515-534.
- Rothchild, R. and De Forest, P.R., "Simple Device for On-Column Cryofocusing in Capillary Column Gas Chromatography," *Journal of Chromatographic Communications*, **1**, 1982, p. 321
- De Forest, P.R. and Rothchild, R., "Construction of a Syringe Needle Guide and Septum Purge Adapter for GC," *Journal of Chromatographic Science*, **21**, 1983, pp. 94-96.
- Choudhry, M.Y., Kingston, C.R., Kobilinsky, L. and De Forest, P.R., "Individual Characteristics of Chemically Modified Human Hairs Revealed by Scanning Electron Microscopy," *Journal of Forensic Sciences*, Vol. **28**, 1983, pp. 293-306.
- Taylor, J.V., DiBennerdo, R., Linares, G.H., Goldman, A.D., and De Forest, P.R., "Metropolitan Forensic Anthropology Team (MFAT) Case Studies in Identification: Race and Sex Assessment by Discriminant Function Analysis of the Postcranial Skeleton," *Journal of Forensic Sciences*, Vol. **29**, 1984, pp. 1253-1259.
- Pizzola, P.A., Roth, S., and De Forest, P.R., "Blood Droplet Dynamics - I," *Journal of Forensic Sciences*, Vol. **31**, 1986, pp. 36-49.
- Pizzola, P.A., Roth, S., and De Forest, P.R., "Blood Droplet Dynamics - II," *Journal of Forensic Sciences*, Vol. **31**, 1986, pp. 50-64.
- Zugibe, F.T., Taylor, J., Weg, N., DiBennerdo, R., Costello, J.T., and De Forest, P.R., "Metropolitan Forensic Anthropology Team (MFAT) - Case Studies in Identification: 3. Identification of John J. Sullivan, the Missing Journalist," *Journal of Forensic Sciences*, Vol. **31**, 1986, pp. 221-231.
- De Forest, P.R., Shankles, B., Sacher, R.L., and Petraco, N., "Meltmount 1.539 as a Mounting Medium for Hair," *The Microscope*, Vol. **35**, No. 3, 1987, pp. 249-259.
- De Forest, P.R., Ryan, S., and Petraco, N., "Meltmount Stick Mounting Medium," *The Microscope*, Vol. **35**, No. 3, 1987, pp. 261-265.
- Petraco, N., Fraas, C., Callery, F.X., and De Forest, P.R., "The Morphology and Forensic Significance of Human Hair Roots," *Journal of Forensic Sciences*, Vol. **33**, No. 1, January 1988, pp. 68-76.
- De Forest, P.R., Myers, C., and Rothchild, R., "Safety Hazards Posed by Ceramic-Top Hotplates," *Journal of Chemical Education*, Vol. **65**, No. 8, August, 1988, pp. 722-723.

- McNally, L, Shaler, R.C., Giusti, A., Baird, M., Balazs, I., De Forest, P.R., and Kobilinsky. L., "Evaluation of Deoxyribonucleic Acid (DNA) Isolated from Human Bloodstains Exposed to Ultraviolet Light, Heat, Humidity, and Soil," *Journal of Forensic Sciences*, Vol. 34, No. 5, September 1989, pp. 1059-1069.
- McNally, L, Shaler, R.C., Giusti, A., Baird, M., Balazs, I., Kobilinsky. L., and De Forest, P.R., "The Effects of Environment and Substrata on Deoxyribonucleic Acid (DNA): The Use of Casework Samples from New York City," *Journal of Forensic Sciences*, Vol. 34, No. 5, September 1989, pp. 1070-1077.
- Butler, D.J., De Forest, P.R., and Kobilinsky. L., "The Use of Isoelectric Focusing to Identify Rhinoceros Keratins," *Journal of Forensic Sciences*, Vol. 35, No. 2, March 1990, pp. 336-344.
- Petraco, N. and De Forest, P.R., "Trajectory Reconstructions I. -- Trace Evidence in Flight," *Journal of Forensic Sciences*, Vol. 35, No. 6, November 1990, pp. 1284-1296.
- Bieschke, E.T.,Wallace, M.M., De Forest, P.R., Shaler, R.C., and Prinz, M., "Characterization of a Novel Dimorphism in the 5' Flanking Region of the Short Tandem Repeat Locus (STR) Locus, c-fes/fps (FES)," *Journal of Forensic Sciences*, Vol. 48, No. 1, January 2003, pp. 80-82.
- Gillis, T.D.,Kubic, T.A., and De Forest, P.R., "An Alternative Method to Screen for Pepper Spray Residue," *Journal of Forensic Sciences*, Vol. 48, No. 1, January 2003, pp.111-115.
- Swiatko, J., De Forest, P.R., and Zedek, M., "Further Studies on Spot Test and Microcrystal Tests for the Identification of Cocaine," *Journal of Forensic Sciences*, Vol. 48, No. 3, May 2003, pp. 581-585.
- De Forest, P.R., Martir, K. and Pizzola, P., "Gunshot Residue Particle Velocity and Deceleration," *Journal of Forensic Sciences*, Vol. 49, No. 6, November 2004, pp. 1237-1243.
- Kolowski, J., Petraco, N., Wallace, M., De Forest, P.R., and Prinz, M., "A Comparison of Hair Examination Methodologies," *Journal of Forensic Sciences*, Vol. 49, No. 6, November 2004, pp. 1253-1255.
- Diaczuk, P.J. and De Forest, P.R., "Determination of Entry vs. Exit Bullet Holes in Garments Using Light Microscopy," *The Microscope*, Vol. 53, No. 3, 2005,p.138,

Published Abstracts, Lectures, Reviews, and Letters

- Sheehan, F.X., Kingston, C.R., Petraco, N., and De Forest, P.R., "A Computerized Human Head Hair Database -- A Preliminary Report," *Proceedings of the Section on the Characterization of Human Hair, 10th Triennial Meeting of the International Association of Forensic Sciences*, Oxford, England, September 18-25, 1984.
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- Butler, D.J., De Forest, P.R., and Kobilinsky, L., "Identification of Rhinoceros Keratins by Isoelectric Focusing," presented at the 41st Annual Meeting of the American Academy of Forensic Sciences, Las Vegas, NV, February 13-18, 1989.
- De Forest, P.R., "Physical Evidence and the Crime Scene," Presented to the Criminal Justice Section of the Westchester County Bar Association, May 9, 1989.
- Ristenbatt, R., Pizzola, P.A., Locke, D.C., and De Forest, P.R., "Characterization of Polymeric Trace Evidence -- Pyrolysis Supercritical Fluid Chromatography," presented at the Gordon Research Conference on Analytical Pyrolysis, New Hampton, NH, June 19-23, 1989.
- De Forest, P.R., "The 'Preppie Murder': Science and the Scene Investigation," 28th Eastern Analytical Symposium, New York, NY, September 24-29, 1989.
- Panelist, Plenary Session: "The Preppie Murder Trial," Fifteenth Annual Meeting of the Northeastern Association of Forensic Scientists, Albany, NY, October 21, 1989.
- De Forest, P.R., "Chemical Instrumentation in Forensic Investigations," presented for Instrumentation Section of the New York Academy of Sciences, New York, NY, December 14, 1989.
- De Forest, P.R., "Analytical Instrumentation in Forensic Investigations," Analytical Topical Group, New York Section, American Chemical Society, New York, NY, January 11, 1990.
- Panelist, "Serial Murder," Mystery Writers of America, New York, April 28, 1990.
- Roberts, K.A., Ristenbatt, R.R., Pizzola, P.A., Locke, D.C., and De Forest, P.R., "Pyrolysis-Supercritical Fluid Chromatography in the Analysis of Polymers of Forensic Interest," presented at the 9th International Conference on Fundamental Aspects, Analytical Techniques, Processes, and Applications of Pyrolysis (Pyrolysis 90), Noordwijkerhout, The Netherlands, June 11-15, 1990.
- De Forest, P.R. and Haag, L.C., "Trajectory Reconstructions at Crime Scenes Using Low Power Lasers and Positioning Stages," paper presented at the International Symposium on Forensic Aspects of Mass Disasters and Crime Scene Reconstruction, FBI Academy, Quantico, VA, June 23-29, 1990.

- De Forest, P.R., "Forensic Science and Crime Scene Reconstruction," presented at the National Association of Criminal Defense Lawyers (NACDL) 1990 Annual Meeting, Toronto, Ontario, August 16, 1990.
- Roberts, K.A., Xu, Y., and De Forest, P.R., "SFC and Pyrolysis-SFC in Forensic Science," paper presented at the 12th Triennial Meeting of the International Association of Forensic Sciences (IAFS), Adelaide, Australia, October 24-29, 1990.
- Sheehan, F.X., Haag, L.C., Petraco, N., and De Forest, P.R., "Trajectory Reconstructions Utilizing Laser Techniques," paper presented at the 12th Triennial Meeting of the International Association of Forensic Sciences (IAFS), Adelaide, Australia, October 24-29, 1990.
- Chairman, Hair and Fibres Session at the 12th Triennial Meeting of the International Association of Forensic Sciences (IAFS), Adelaide, Australia, October 27, 1990.
- De Forest, P.R., "Trace Evidence -- A Holistic View and Approach", plenary lecture at the International Symposium on the Forensic Aspects of Trace Evidence, FBI Academy, Quantico, VA, June 24-28, 1991.
- De Forest, P.R., "Forensic Evidence," at Third Annual Super Saturday of the Association of Criminal Defense Lawyers of New Jersey, East Brunswick, New Jersey, November 2, 1991.
- De Forest, P.R., "Crime Scene Reconstruction," Presented to the Criminal Justice Section of the Westchester County Bar Association, February 11, 1992.
- Ristenbatt, R.R., Cusumano, C.L., Gagliano, A., Gestring, B.J., and De Forest, P.R., "The Implications of Pattern Impressions in Bullets", presented at the 44th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA, February 17-22, 1992.
- Roberts, K.A., Ristenbatt, R.R., Pizzola, P.A., and De Forest, P.R., "Supercritical Fluid Technology for the Characterization of Trace Evidence", presented at the 44th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA, February 17-22, 1992.
- Neighbor, G.W., Haag, L.C., and De Forest, P.R., "A Study of Fiber Damage Characteristic of Bullet Holes", presented at the 44th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA, February 17-22, 1992.
- Nelson, D.C., Kingston, C.R., Sheehan, F.X., and De Forest, P.R., "An Experimental Assessment of Coincidental Hair Matches", presented at the 44th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA, February 17-22, 1992.
- Panelist, "Futuristics," Mystery Writers of America, New York, April 29, 1992.
- De Forest, P.R., "The Crime Scene and the Forensic Scientist", presented at the Victoria Police State Forensic Science Laboratory, Macleod, Victoria, August 14, 1992.
- De Forest, P.R., "Bullet Impact and Rapid Shear Fractures of Synthetic Fibers", presented at the 11th Australian and New Zealand International Symposium on the Forensic Sciences, Hobart, Tasmania, August 17-21, 1992.
- De Forest, P.R., "Scalp Hair and Muzzle to Target Determinations", presented at the 11th Australian and New Zealand International Symposium on the Forensic Sciences, Hobart, Tasmania, August 17-21, 1992.
- Panelist, "Scene Examination Seminar", at the 11th Australian and New Zealand International Symposium on the Forensic Sciences, Hobart, Tasmania, August 17-21, 1992.
- De Forest, P.R., "The Forensic Scientist and the Crime Scene", presented at the 11th Australian and New Zealand International Symposium on the Forensic Sciences, Hobart, Tasmania, August 17-21, 1992.
- De Forest, P.R., "Certification of Criminalists in the United States", presented at the 11th Australian and New Zealand International Symposium on the Forensic Sciences, Hobart, Tasmania, August 17-21, 1992.
- De Forest, P.R., "Regulation of Forensic Science Laboratories and Certification of Forensic Scientists", presented at Queensland Branch of the Australian and New Zealand Forensic Science Society, Brisbane, Queensland, August 24, 1992.
- De Forest, P.R., "Trace Evidence", presented at the Queensland Police Service Laboratory, Brisbane, Queensland, August 24, 1992.

- De Forest, P.R., "The Crime Scene and the Role of the Forensic Scientist", presented at the Queensland Police Service Laboratory, Brisbane, Queensland, August 24, 1992.
- Nelson, D.C., Roberts, K.A., and De Forest, P.R., "The Effectiveness of Scalp Hair in Filtering Gunshot Residue", presented at the 45th Annual Meeting of the American Academy of Forensic Sciences, Boston, MA, February 15-20, 1993.
- Roberts, K.A., Nelson, D.C., and De Forest, P.R., "Bubbles and the Formation of Fine Blood Droplet Stains", presented at the 45th Annual Meeting of the American Academy of Forensic Sciences, Boston, MA, February 15-20, 1993.
- Ristenbatt, R.R., Shaler, R.C., and De Forest, P.R., "Accuracy of Angle of Incidence Determinations on Different Size Blood Droplet Stains", presented at the 45th Annual Meeting of the American Academy of Forensic Sciences, Boston, MA, February 15-20, 1993.
- Kodett-Sherwin, L., De Forest, P.R., and Pizzola, P.A., "Blood Droplet Dynamics", presented at the 45th Annual Meeting of the American Academy of Forensic Sciences, Boston, MA, February 15-20, 1993.
- De Forest, P.R., "The Role of the Forensic Scientist in Criminal Investigations with Emphasis on Reconstructions and Trace Evidence," National Meeting of Forensic Chemists, sponsored by National Research Institute of Police Science, Tokyo, Japan, October 19-20, 1993.
- Co-chair, Drug Profiling Session at the International Symposium of Forensic Science, Tokyo 1993 -- International Workshop on Impurity Profiling Analysis of Illicit Drugs, Tokyo, Japan, October 21-22, 1993.
- De Forest, P.R., "Certification of Forensic Science Laboratory Personnel in the United States", The First Forensic Experts Conference, Dubai, United Arab Emirates, January 8-10, 1994.
- De Forest, P.R., "Interfacing DNA Technology with Other Approaches to the Scientific Analysis of Physical Evidence", The First Forensic Experts Conference, Dubai, United Arab Emirates, January 8-10, 1994.
- Ristenbatt, R.R., Shaler, R.C., and De Forest, P.R., "An Elusive Cause of Death", presented at the 46th Annual Meeting of the American Academy of Forensic Sciences, San Antonio, TX, February 14-19, 1994.
- Roberts, K.A., Nelson, D.C., Rourke, L.C., Pizzola, P.A., Martir, K., and De Forest, P.R., "The 'Paraffin Test' Revisited", presented at the 46th Annual Meeting of the American Academy of Forensic Sciences, San Antonio, TX, February 14-19, 1994.
- Pizzola, P.A., Martir, K., Kodet-Sherwin, L., and De Forest, P.R., "Visualization of Gunshot Residue Patterns on Cloth by Photoluminescence", presented at the 46th Annual Meeting of the American Academy of Forensic Sciences, San Antonio, TX, February 14-19, 1994.
- Gestring, B.J., Ristenbatt, Pizzola, P.A., and De Forest, P.R., "The Impact of the Stability and Retention of Nitrites in Gunshot Residue Pattern Interpretation", presented at the 46th Annual Meeting of the American Academy of Forensic Sciences, San Antonio, TX, February 14-19, 1994.
- Roberts, K.A., Pizzola, P.A., Martir, K., DiMaio, V.J.M., and De Forest, P.R., "Factors Influencing Propellant Stippling Patterns in Shootings", presented at the 46th Annual Meeting of the American Academy of Forensic Sciences, San Antonio, TX, February 14-19, 1994.
- De Forest, P.R., Dujanovich, M., Adamo, R.A., and Drummond, F., "The Importance of Tempered Glass Fracture Documentation in Shooting Reconstructions", presented at the 46th Annual Meeting of the American Academy of Forensic Sciences, San Antonio, TX, February 14-19, 1994.
- Roberts, K.A., Martir, K., Pizzola, P.A., and De Forest, P.R., "Formation of Gunshot Residue", presented at the 47th Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, February 13-18, 1995.
- Nelson, D.C., Roberts, K.A., Pizzola, P.A., and De Forest, P.R., "Gunshot Residue Pattern Transfer Efficiency", presented at the 47th Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, February 13-18, 1995.
- Bynum, K.C., Roberts, K.A., Pizzola, P.A., and De Forest, P.R., "Trace Metal Detection", presented at the 47th Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, February 13-18, 1995.

- De Forest, P.R., "Chemistry and the Crime Scene", presented at the Meeting of the Analytical Topical Group, New York Chapter, American Chemical Society, New York, NY, June 8, 1995.
- De Forest, P.R., "Forensic Scientists at Fire Scenes", presented at An International Symposium on the Forensic Aspects of Arson Investigation, Hosted by the FBI Laboratory Division, George Mason University, Fairfax, VA, July 31 - August 4, 1995.
- De Forest, P.R., "Integrated Approaches to Forensic Investigations", presented at the 210th Annual Meeting of the American Chemical Society, Chicago, IL, August 21-25, 1995.
- Roberts, K.A., De Forest, P.R., Bynum, K.C., and Pizzola, P.A., "Trace Metal Detection Technique", presented at the 210th Annual Meeting of the American Chemical Society, Chicago, IL, August 21-25, 1995.
- Nelson, D.C., De Forest, P.R., Roberts, K.A., and Pizzola, P.A., "Formation and Detection of Gunshot Residue", presented at the 210th Annual Meeting of the American Chemical Society, Chicago, IL, August 21-25, 1995.
- Bynum, K. C., De Forest, P.R., Martir, K., and Pizzola, P.A., "Thin Layer Chromatographic Separation of Components of Propellant Particles Utilizing Fluorescent and Chemical Visualization Techniques", presented at the 21st Annual Meeting of the Northeastern Association of Forensic Scientists, Mystic, CT, October 25-28, 1995.
- Bynum, K. C., De Forest, P.R., Roberts, K.A., and Pizzola, P.A., "Trace Metal Detection", presented at the 21st Annual Meeting of the Northeastern Association of Forensic Scientists, Mystic, CT, October 25-28, 1995.
- Sargeant, M., De Forest, P.R., Bynum, K.C., Nelson, D.C., Roberts, K.A., Kasbarian, B., Rourke, L., and Pizzola, P.A., "Photoluminescent Detection of Propellant Particles", presented at the 21st Annual Meeting of the Northeastern Association of Forensic Scientists, Mystic, CT, October 25-28, 1995.
- Martir, K., De Forest, P.R., and Pizzola, P.A., "Gunshot Residue Dynamics", presented at the 21st Annual Meeting of the Northeastern Association of Forensic Scientists, Mystic, CT, October 25-28, 1995.
- Rourke, L., Sargeant, M., De Forest, P.R., Bynum, K.C., Nelson, D.C., Roberts, K.A., Kasbarian, B., and Pizzola, P.A., "Sequential Photoluminescent Detection of Gunshot Residue", presented at the 21st Annual Meeting of the Northeastern Association of Forensic Scientists, Mystic, CT, October 25-28, 1995.
- Roberts, K.A., Nelson, D.C., De Forest, P.R., Sargeant, M., and Pizzola, P.A., "Transfer Efficiency of 'Walker' Type Gunshot Residue Examinations", presented at the 21st Annual Meeting of the Northeastern Association of Forensic Scientists, Mystic, CT, October 25-28, 1995.
- De Forest, P.R., "The Scientific Method at the Crime Scene", presented at the 21st Annual Meeting of the Northeastern Association of Forensic Scientists, Mystic, CT, October 25-28, 1995.
- De Forest, P.R., "Optimization of the Integration of Science with Criminal Investigation" Plenary Lecture at the Joint Inaugural Session of The International Workshop on Forensic DNA Typing of Evidence Samples and the First Meeting of the Japanese Association of Science and Technology for Identification, Tokyo, Japan, December 12-13, 1995.
- De Forest, P.R., "Science at the Crime Scene and Trace Evidence", *Trace Evidence at Crime Scenes*, The Second Forensic Experts Conference, Dubai, United Arab Emirates, January 6-8, 1996.
- Alkhatay, A.Q. and De Forest, P.R., "Characterization of Gunshot Discharge Residue by FT-IR Microscopy", *Trace Evidence at Crime Scenes*, The Second Forensic Experts Conference, Dubai, United Arab Emirates, January 6-8, 1996.
- De Forest, P.R., panelist in the Joint Session of Criminalistics and Jurisprudence Sections, 48th Annual Meeting of the American Academy of Forensic Sciences, Nashville, TN, February 13-18, 1996.
- De Forest, P.R., presented lectures on forensic science at the Cardozo Law School, New York, NY, March 13, 1996.
- De Forest, P.R., "Forensic Microscopy in the Age of DNA Technology", New York Microscopical Society, New York, NY, May 23, 1996.

- De Forest, P.R., "Trace Evidence -- The Future", closing keynote address presented at An International Symposium on the Forensic Aspects of Trace Evidence in Transition, Hosted by the FBI Laboratory Division, San Antonio, TX, June 21 - 25, 1996.
- De Forest, P.R., "Trace Evidence in the Era of Ascendant DNA Technology", presented at Intermicro 96, Chicago, IL, July 20 - 25, 1996.
- De Forest, P.R., "Bloodstain Patterns in Reconstructions", presented at the Tenth Annual Meeting of the New Jersey Division of the International Association for Identification, Cape May, NJ, October 20-23, 1996.
- De Forest, P.R., "Communication Between Investigators and Scientists", presented at the Tenth Annual Meeting of the New Jersey Division of the International Association for Identification, Cape May, NJ, October 20-23, 1996.
- De Forest, P.R., "Scene Reconstructions in Police Involved Shootings", presented at the Tenth Annual Meeting of the New Jersey Division of the International Association for Identification, Cape May, NJ, October 20-23, 1996.
- Boggiano, D., De Forest, P.R., and Sheehan, F.X., "CAD Programs: A Tool for Crime Scene Processing and Crime Scene Reconstruction", presented at Forensic Evidence Analysis and Crime Scene Investigation, sponsored by the International Society for Optical Engineering (SPIE), Boston, MA, November 20-21, 1996.
- De Forest, P.R., Moderator, Criminalistics Symposium, "Ethics in the Practice of Criminalistics -- Beyond the Proscriptive", 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, February 17-22, 1997.
- Perlee, L.M., Shaler, R.C., and De Forest, P.R., "A View of the Broader Implications of the Introduction of DNA Technology in the Forensic Science Laboratory", presented at the 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, February 17-22, 1997.
- Chisum, W.J., Pizzola, P.A., and De Forest, P.R., "Scientific Expertise and the Crime Scene", presented at the 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, February 17-22, 1997.
- De Forest, P.R., "The Potential For Microscopic Physical Matches In Casework", presented at the 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, February 17-22, 1997.
- Bynum, K., Morton, C.V., and De Forest, P.R., "Computer Animation and Crime Scene Reconstruction", presented at the 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, February 17-22, 1997.
- Buscaglia, J.A., Aitken, C.G.G., Brown, K., De Forest, P.R., and Kubic, T.A., "The Discrimination of Window Glass Fragments by Energy Dispersive X-Ray Fluorescence Spectroscopy", presented at the 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, February 17-22, 1997.
- Sargeant, M.A., De Forest, P.R., Pizzola, P.A., Meinken, T., and Krivosta, G.G., "Detection and Interpretation of Gunshot Residue on the Hands of Shooters", presented at the 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, February 17-22, 1997.
- Pizzola, P.A. and De Forest, P.R., "A Recommended Protocol for Carrying out Gunshot Discharge Residue Testing on Garments", presented at the 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, February 17-22, 1997.
- De Forest, P.R., presented lectures on forensic science at the Cardozo Law School, New York, NY, March 31, 1997.
- De Forest, P.R., "Scientific Reconstruction in Police Involved Shootings", 82nd Annual Educational Conference of the International Association of Identification, Danvers MA, July 28-August 1, 1997.
- De Forest, P.R., presented *Founder's Lecture*, "Recapturing the Essence of Criminalistics", 90th Semi-Annual Seminar of the California Association of Criminalists, Irvine, CA, October 8-11, 1997.

- De Forest, P.R., panelist, "Is Something Wrong? Judge for Yourself – An Interactive Panel Discussion on the O.J. Simpson Case", B.A.J. Fisher, moderator, 90th Semi-Annual Seminar of the California Association of Criminalists, Irvine, CA, October 8-11, 1997.
- De Forest, P.R., "What is Trace Evidence – Concept, Scope, and Utilization", International Workshop on the Forensic Examination of Trace Evidence, sponsored by the National Research Institute of Police Science, Tokyo, Japan, January 22-23, 1998.
- Fogarty, P.E., Mar, E.J., Rourke, L.C., Nelson, D.C., and De Forest, P.R., "Discrimination of Soils by Density Gradient: Single Grains vs. Aggregates", presented at the 50th Annual Meeting of the American Academy of Forensic Sciences, San Francisco, CA, February 9-14, 1998.
- De Forest, P.R., Shem, R., Nelipa, P., and Robertson, J., "Science in Crime Scene Reconstructions", presented at the 50th Annual Meeting of the American Academy of Forensic Sciences, San Francisco, CA, February 9-14, 1998.
- De Forest, P.R., Blake, E.T., Gibbons, M.M., and Linacre, A.M.T., "The Future of DNA Technology as a Trace Evidence Tool", presented at the 50th Annual Meeting of the American Academy of Forensic Sciences, San Francisco, CA, February 9-14, 1998.
- De Forest, P.R., "Crime Scene Reconstruction and Trace Evidence," presented at the National Association of Criminal Defense Lawyers (NACDL) 1998 Spring Meeting, Santa Monica, CA, April 22-25, 1998.
- De Forest, P.R., "Lessons from the Sheppard and O.J. Simpson Cases", presented at the Annual Meeting of the California Division of the International Association for Identification, Rohnert Park, CA, May 4-8, 1998.
- De Forest, P.R., "Teamwork and Lessons from the Dr. Sam Sheppard and the O.J. Simpson Cases", presented at the 83rd International Educational Conference of the International Association for Identification, Little Rock, AR, July 24, 1998
- De Forest, P.R., "Criminalistics: The Unrealized Potential", Presented at the 24th Annual Meeting of NEAFS, Newport, RI, November 5-7, 1998.
- De Forest, P.R., "Scientist and Investigator Teamwork at the Crime Scene", presented at the 19th National Conference of Scientific Support, Lancashire, UK, November 12th and 13th, 1998.
- Wintonick, S. Antoci, P., and De Forest, P.R., "Fracture of Cotton Fibers", presented at the 51st Annual Meeting of the American Academy of Forensic Sciences, Orlando, FL, February 15-20, 1999.
- De Forest, P.R., "Forensic Science Education and the Implications of the Introduction of DNA Technology into Forensic Science Laboratories", presented at the 51st Annual Meeting of the American Academy of Forensic Sciences, Orlando, FL, February 15-20, 1999.
- De Forest, P.R., panelist, "Forensic Science Education", presented at the 51st Annual Meeting of the American Academy of Forensic Sciences, Orlando, FL, February 15-20, 1999.
- Buscaglia, J., Koons, R.D., and De Forest, P.R., "Elemental Analysis of Black Polyethylene Trash Bags Using Total Reflection X-ray Fluorescence (TXRF) Spectrometry", presented at the 51st Annual Meeting of the American Academy of Forensic Sciences, Orlando, FL, February 15-20, 1999.
- De Forest, P.R., "Educating the Expert Forensic Scientist", presented at An International Symposium on Setting Quality Standards for the Forensic Science Community, Hosted by the FBI Laboratory Division, San Antonio, TX, May 3-7, 1999.
- De Forest, P.R., "Science and Questioned Document Examination", presented at the 2nd International Symposium on the Forensic Examination of Questioned Documents, Hosted by the FBI Laboratory Division, Albany, NY, June 14-18, 1999.
- De Forest, P. R. "Essential Attributes and the Making of a Good Criminalist", presented at the 15th Triennial Meeting of the International Association of Forensic Sciences, Los Angeles, CA, August 22 - 28, 1999.
- De Forest, P.R., "Reflections on a Quarter Century of NEAFS and Criminalistics in the Northeast", Presented at the 25th Annual Meeting of NEAFS, Hyannis, MA, October 13-16, 1999.
- De Forest, P.R., "Has DNA Made a Forensic Science Degree Irrelevant in Today's World", Presented at the 25th Annual Meeting of NEAFS, Hyannis, MA, October 13-16, 1999.

- De Forest, P.R., "Forensic Science at the Crossroads", Presented at the International Conference on Forensic Science - From the Crime Scene to the Courtroom, Dublin, Ireland, May 2-5, 2000.
- De Forest, P.R., "Keeping the Science in Forensic Science - Drawing from the Past While Adapting to the Future", Presented at the 26th Annual Meeting of NEAFS, Saratoga Springs, NY, October 11-14, 2000.
- De Forest, P.R., "Interpretation and Reconstruction - The Culmination of the Scientific Work on a Case", National Research Institute of Police Science, Tokyo, Japan, December 7, 2000.
- Duggar, A.S., De Forest, P.R., and Shaler, R.C., "Identification of Initial and Secondary Stains in Overlapping Bloodspatter Patterns", presented at the 53rd Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, February 19-24, 2001.
- Quarino, L., Shaler, R.C., De Forest, P.R., and Kobilinsky, L., "The Measurement of Nociceptive Peptides for the Assessment of Acute and Chronic Pain in the Medicolegal Investigation of Violent Death." presented at the 53rd Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, February 19-24, 2001.
- Diaczuk, P.J. and De Forest, P.R., "Evidence Falling Through the Cracks", Presented at the 27th Annual Meeting of NEAFS, Mt. Snow, VT, October 3-6, 2001.
- De Forest, P.R., "The Perils of Item Focus Myopia in Forensic Investigations, Presented at the Third National Conference on Science and the Law - Emerging Trends: Scientific Evidence in the Courtroom, sponsored by the National Institute of Justice, Miami, FL, October 4-6, 2001.
- De Forest, P.R., "Lessons to be Learned from Incidents Where the Evidence was Apparently not the Initial Focus of the Investigation," presented at The Sixth International Conference in Clinical Forensic Medicine of the World Police Medical Officers, Sydney, Australia, March 17 - 22, 2002
- De Forest, P.R., "Education in Forensic Science," The Sixth International Conference in Clinical Forensic Medicine of the World Police Medical Officers, Sydney, Australia, March 17 - 22, 2002
- De Forest, P.R., "Approaches to Complex Cases in Forensic Science," The University of Western Australia, Perth, March 24, 2002
- De Forest, P.R., "The Forensic Scientist and Complex Case Solutions," The University of Western Australia, Perth, March 25, 2002
- De Forest, P.R., "High Profile Cases and Public Perceptions of Forensic Science," The University of Technology, Sydney, Sydney, Australia, March 27, 2002
- De Forest, P.R., "Front End Assessment in Complex Cases," The University of Technology, Sydney, Sydney, Australia, March 27, 2002
- De Forest, P.R., "Voodoo Science by Default", Presented at the Fourth National Conference on Science and the Law - Emerging Trends: Scientific Evidence in the Courtroom, sponsored by the National Institute of Justice, Miami, FL, October 3-5, 2002.
- De Forest, PR, "Dr. McCrone's Life of Science - Its Significance and Impact in Criminalistics from an Academic Perspective" Presented at the 55th Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL, February 17 -22, 2003
- Diaczuk, P., De Forest, PR, "The Soap Box Bullet Recovery System-Or the Soap Solution", Presented at the 55th Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL, February 17 -22, 2003
- De Forest, PR, and Lentini, JJ, "Reducing the Prevalence of Pseudoscientific Interpretations in Complex Physical Evidence Casework" Presented at the 55th Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL, February 17 -22, 2003
- De Forest, P.R., "Scientific Assessment of the Totality of the Physical Evidence", Keynote Address presented at the 32nd Annual Meeting of the Midwestern Association of Forensic Scientists, Columbus, OH, October 20-24, 2003.
- Hietpas, J., Diaczuk, P., Speir, J., De Forest, PR, "Elucidating the Relative Dependence of Propellant Pattern-based Muzzle-to-Target Distance Determinations on Variables of Weapons and Ammunition," Presented at the 56th Annual Meeting of the American Academy of Forensic Sciences, Dallas, TX, February 16 -21, 2004.

- De Forest, P.R., "Future Crime Labs without Trace Evidence -- Dysfunctional Dystopias," Presented at the 56th Annual Meeting of the American Academy of Forensic Sciences, Dallas, TX, February 16 -21, 2004
- De Forest, P.R., "Private Consultants for the Prosecution - Are They Really Necessary?," Presented at the 56th Annual Meeting of the American Academy of Forensic Sciences, Dallas, TX, February 16 - 21, 2004
- De Forest, P.R., "It May Have Two Sides, but it is the Same Coin", Presented at the 56th Annual Meeting of the American Academy of Forensic Sciences, Dallas, TX, February 16 -21, 2004
- De Forest, P.R., "The Essential Role of Crystal Tests and Microchemical Approaches in Forensic Science Curricula", presented at Intermicro 2004, Chicago, IL, July 12-15, 2004
- De Forest, P.R., "Forensic Science Begins at the Scene," Keynote lecture presented at the Integrated Evidence Management Conference, Dublin, Ireland, October 5-8, 2004
- De Forest, P.R., "The Unfortunate (Though Imaginary) Generalist/Specialist Dichotomy and the Challenges of Modern Criminalistics", presented at the 104th Semi-Annual Seminar, California Association of Criminalists, Ventura, CA, October 25-29, 2004.
- De Forest, P.R., "Lessons from the Early History of the Ventura County Sheriff's Crime Lab and Criminalistics in California" presented at the 104th Semi-Annual Seminar, California Association of Criminalists, Ventura, CA, October 25-29, 2004.
- De Forest, P.R., "Physical Evidence - Who Should Define the Questions to be Addressed?," presented at the meeting of the American Society of Crime Laboratory Directors (ASCLD), San Diego, CA, November 10, 2004.
- De Forest, P.R., "The Important Role of Classical Analytical Techniques in Modern Problem Solving Approaches in Non-Routine Cases", presented at the 57th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA, February 21-26, 2005.
- De Forest, P.R., "Forensic Science Education Program Accreditation Commission: Accreditation Standards", keynote lecture presented at the 37th Middle Atlantic Regional Meeting of the American Chemical Society, Busch Campus, Rutgers Univ., Piscataway, NJ, May 25, 2005.
- Diaczuk, P.J. and De Forest, P.R., "Determination of Entry vs. Exit Bullet Holes in Garments Using Light Microscopy," presented at Inter/Micro-2005, Chicago, IL, July 11-15, 2005.
- De Forest, P.R., "Role Definition and Teamwork in Crime Scene Reconstruction", presented at the 2005 Annual Training Conference, International Association of Bloodstain Pattern Analysts, Santa Barbara, CA, October 4-7, 2005.
- De Forest, P.R., "The Evolution of Criminalistics: Fact vs. Fiction", presented at the 106th Semi-Annual Seminar, California Association of Criminalists, Los Angeles, CA, October 11-15, 2005.
- De Forest, P.R., "Experience with and the Rationale for a Doctoral Program in Forensic Science", presented at the 58th Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, February 20-25, 2006.
- De Forest, P.R. and Bernstine, E.G., "What Drives Criminalistics Examinations?," presented at the 58th Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, February 20-25, 2006.
- Domzalski, A. and De Forest, P.R., "The Effects of Environmental Exposure on Human Scalp Hair Root Morphology", presented at the 58th Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, February 20-25, 2006.
- Bucht, R.E., Contreras, E., De Forest, P.R., and Pizzola, P.A., "Polarized Light Photography of Bloodstains on Dark Reflective Surfaces", presented at the 58th Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, February 20-25, 2006.

Consulting:

Consultant in criminalistics and physical evidence to police departments, prosecutor's offices, public defender's offices, and private attorneys on both civil and criminal cases in several states throughout the United States (expert testimony given in over 100 trials).

Scientist in Residence, Criminalistics, Metropolitan Forensic Anthropology Team (MFAT), Lehman College/CUNY (1980-1995).

Forensic Consultant, Forensic Science Laboratory, Connecticut State Police (1980-1989).

Program review and site visit, Forensic Science Program, University of Alabama, Birmingham, March 20 - 22, 1988.

Consultant to Robert Richter Productions, for the production of a **NOVA** Television Program on the Assassination of President John F. Kennedy, National Educational Television Network, 1987.

Consultant on forensic science and Kennedy assassination to St. Martin's Press, New York, NY, 1991.

Program review and site visit, MS in Forensic Science Program, University of Illinois, Chicago, April 29-30, 1999.

Member, three member international Peer Review Panel (PRP), Bloody Sunday Inquiry, (Oversight and interpretation of scientific evidence in the British Government's re-investigation of the shooting of marchers in Londonderry, Northern Ireland in January of 1972) since Nov. 1998.

Member External Review Committee, review of research grants on fingerprint development at the National Research Institute of Police Science, Tokyo, Japan, December 6, 2000.

Program review and site visit, MS in Forensic Science Program, California State University at Los Angeles, Los Angeles, October 22-25, 2001.

Program review and site visit, BS in Forensic Science Program, Eastern Kentucky University, Oct. 2003

Member, three member international Peer Review Panel (PRP), Omagh Bombing Investigation, (Oversight and interpretation of scientific evidence in the Police Service of Northern Ireland's (PSNI) investigation of a series of terrorist bombings) since November 2003.

Consulting (Selected publicized cases with possible name recognition):

Consultation for Prosecutor's Office, Bergen County, New Jersey, in State v. Stephen Perry, the Murder of Deputy Rypka, 1979.

Consultation for Westchester County District Attorney in Peo. v. Jean Harris, 1980-81, (*"Scarsdale Diet Doctor" Case*).

Consultation and Testimony for Rockland County DA's Office in Peo. v. Sheryl Sohn, et al., 1981.

Consultation for Atty. Leonard Weinglass in Peo. v. Kathy Boudin, 1982, (*Rockland County Brink's Armored Car Robbery and Homicide*).

Consultation and Testimony for Atty. William Kunstler in Peo. v. Larry Davis, 1986-88.

Consultation for New York County District Attorney, in Peo. v. Robert Chambers, 1987-88, (*"Preppie Murder" Case*).

Consultation and Testimony for Atty. Sagarin and Farver in State of CT. v. Richard Crafts, 1987-89, (*"Wood Chipper" Case*).

Consultation for New York County District Attorney, 1990, (*"Central Park Jogger" Case*).

Consultation and Grand Jury Testimony for Attorney General, State of New Jersey, in Teaneck Police Shooting, 1990.

Consultation and Testimony for Westchester County District Attorney in Peo. v. Carolyn Warmus, 1989, 1991-92, (*"Fatal Attraction" Case*).

Consultation for Atty. William Kunstler in Peo. v. El-Sayyid Nosair, 1991, (*Rabbi Meir Kahane Murder Case*).

Consultation and Grand Jury Testimony in New York County, for Attorney Allesi in Shooting of Jose "Kiko" Garcia, 1992, (*Washington Heights Police Shooting*).

Consultation and Testimony for Queens County District Attorney, in Peo. v. Patrick Bannon, Shooting of Police Officer Heidelberg, 1993.

Consultation and Testimony for New York County District Attorney, in Peo. v. David Degondea, the Shooting of Detective Luis Lopez, 1993-95.

Consultation and Grand Jury Testimony for New York County District Attorney, in Transit Police Shooting ("Friendly Fire"), 1994 - 95.

Consultation for Los Angeles County District Attorney, in *Peo. v. O. J. Simpson*, 1995.

Consultation for Mitchell, Silberberg & Knupp, in *Fred Goldman, et al. v. O.J. Simpson*, 1996.

Consultation for Haddon, Morgan, *et al.*, Denver, CO, in *Colorado v. Kobe Bryant*, 2004.

Grants Received:

"A Novel Labeled Antibody Approach for Simultaneously Determining Several Antigens", PSC-BHE Research Award Program of CUNY, 1979, (\$8,000.00)

"A Labeled Antibody Approach for Simultaneously Determining Several Antigens in a Dried Bloodstain", National Institute of Justice, 1979, (\$48,677), with Professor Rothchild.

"Field Sampling and Concentration of Volatile Accelerants from Arson Scenes, Factory Mutual Insurance, 1979, (\$3,000), with Professor Charles Ryan.

"Individualization of Polymeric Trace Evidence -- Pyrolysis Supercritical Fluid Chromatography," National Institute of Justice, 1987, (\$169,453.00).

"Identification of Wildlife Products by Pyrolysis Supercritical Fluid Chromatography", PSC-BHE Research Award Program of CUNY, 1988, (\$6,286.00)

"Gunshot Residue Detection and Interpretation," National Institute of Justice, 1992, (\$122,227.00).

Miscellaneous:

Invited Guest, Meeting of the Board of Directors, American Society of Crime Laboratory Directors, FBI Academy, Quantico, VA, June 15-19, 1986.

Invited Guest, Meeting of the American Society of Crime Laboratory Directors, FBI Academy, Quantico, VA, September 14-19, 1986.

Judge, City Wide Science Fair, New York, April 6, 1987.

Invited Keynote Speaker for the 11th Australian and New Zealand International Symposium on the Forensic Sciences, Hobart, Tasmania, August 17-21, 1992.

Invited Speaker for National Meeting of Forensic Chemists, sponsored by National Research Institute of Police Science, Tokyo, Japan, October 19-20, 1993.

Presented the Plenary Lecture entitled "Optimization of the Integration of Science with Criminal Investigation" at the Joint Inaugural Session of The International Workshop on Forensic DNA Typing of Evidence Samples and the First Meeting of the Japanese Association of Science and Technology for Identification, Tokyo, Japan, December 12-13, 1995.

Presented three lectures on Trace Evidence and Crime Scene Investigation at the Forensic Science Laboratory, Dublin, Ireland, December 3-4, 1997.

Presented lecture on Forensic Science and Crime Scene Investigation for the Garda Siochana, Dublin, Ireland, December 4, 1997.

Presented lectures on Forensic Science and Trace Evidence, Lausanne, Switzerland, December 9-11, 1997.