



SEROLOGICAL

RESEARCH

INSTITUTE

RESUME OF GARY CLAYTON HARMOR

EDUCATION

1974 - 1976

California State University, Sacramento, CA
Bachelor of Science with Honors, Forensic Science
Chemistry (29 semester units)
Biological Science (27 semester units)

1972 - 1974

Sacramento City College, Sacramento, CA
Associate of Arts in General Education

July, 2010

Executive Online Mini-MBA in Core Business Principles
The Satell Center for Executive Education
376 Technology Drive, Malvern, PA

WORK EXPERIENCE

2012 – Present

Serological Research Institute, Richmond, CA
Executive Director; President of the Board of Directors

Responsible for the overall administrative function of the company. Is responsible for accounting, auditing, and the financial stability of the company. Is responsible for administrative policy including personnel policy, hiring of staff, safety, and security. Is responsible for negotiating outside proposals, contracts, and bids.

2012 – Present

Serological Research Institute, Richmond, CA
Chief Forensic Serologist

Is the head of the laboratory and responsible for overall supervision and review of all case analysis. Responsible for case work policy, protocols, and training policy. Responsible for technical problem solving, oversight of quality assurance, safety, and proficiency testing. Responsible for overall evaluation of analysts and technical review of analyses and reports. Evaluate analyst testimony.

WORK EXPERIENCE (Continued)

2008 – 2011

Serological Research Institute, Richmond, CA
Assistant Director

Page 2

Assists the Executive Director with the overall administrative function of the company. Assists Director with administrative policy including personnel policy, hiring of staff, safety, and security. Assists Director with negotiating outside proposals, contracts, and bids.

1978 - 2011

Serological Research Institute, Richmond, CA
Senior Forensic Serologist

Train and supervise casework staff and technical staff. Casework examination, client consultation, and testimony. Technical review of analysis and reports. Research of new laboratory techniques and methodology. Responsible for interpretation of laboratory protocols. Act as instructor for training courses as needed. Substitute for the Laboratory Director as needed.

2003 – 2011

2017 – Present

Serological Research Institute, Richmond, CA
Quality Assurance Manager

Responsible for all aspects of the Quality System for the laboratory under the guidance of the Technical Leader. Maintain and update the Quality Manual. Monitor laboratory practices to verify continuing compliance with policies and procedures. Evaluate instrument calibration and maintenance records. Ensure the validation of new technical procedures. Investigate technical problems, propose remedial actions, and verify their implementation. Administer proficiency testing and evaluate results. Select, train, and evaluate internal audits. Propose corrections and improvements in the quality system. Liaison with ASCLD Laboratory Accreditation Board.

1977 -1978

Beckman Instruments, Inc. - Anaheim, CA
Forensic Chemist

Aid in the research and development of advanced electrophoresis blood grouping techniques on dried bloodstains and the transfer of this technology to selected crime laboratory personnel. This work was done under a LEAA grant.

1976 - 1977

University of California, Berkeley, CA
Staff Research Associate I, Step 2

Aid in the research and development of electrophoresis techniques for the purposes of a population survey of various polymorphic enzymes and proteins. This work was done under a California OCJP grant.

Certificate of Merit from the Southern Association of Forensic Scientists, April 30, 1982.

Certificate of Professional Competency in Criminalistics from the California Association of Criminalists, Awarded December 26, 1989, Number 060.

Diplomate Certificate of Professional Competency in Criminalistics from the American Board of Criminalistics (ABC), Number 440, expires July 2018.

Fellow of the American Board of Criminalistics in Forensic Biology with subspecialties in Forensic Biochemistry and Forensic Molecular Biology, Number 440, expires July 2018.

Certificate from the Satell Center for Executive Online Mini-MBA® Program in Core Business Principles. The Satell Center, 376 Technology Drive, Malvern, PA 19355, 1-800-817-8510. July 2010.

ASCLD/LAB–International, Internal Auditor Training Course, Emeryville, CA; February 2013.

COURT PRESENTATIONS

Expert testimony presentations in forensic serology made in excess of five hundred (500) times in Superior Courts of the following states: Alaska, Arizona, California, Colorado, Georgia, Illinois, Iowa, Kentucky, Louisiana, Missouri, Nebraska, Nevada, New Hampshire, New York, Ohio, Oklahoma, Oregon, Pennsylvania, Tennessee, Texas, Utah, Wisconsin and Washington.

Superior Courts in California: Alameda, Butte, Contra Costa, El Dorado, Fresno, Humboldt, Kern, Los Angeles, Orange, Sacramento, San Bernardino, San Diego, San Francisco, San Joaquin, Santa Clara, Shasta, Solano, Sonoma, Sutter, Tulare, and Ventura Counties.

Qualified as a DNA expert over two hundred and ninety (290) times in Superior Courts of the following states (Approximately 80% Prosecution/Plaintiff and 20% Defense): Alaska, Arizona, California, Florida, Illinois, Louisiana, Massachusetts, Missouri, Nevada, New Hampshire, New Mexico, Ohio, Oregon, South Carolina, Tennessee, Texas and Utah.

Superior Courts in California: Alameda, Contra Costa, El Dorado, Fresno, Marin, Napa, Orange, Kern, Los Angeles, Sacramento, San Bernardino, San Diego, San Francisco, Santa Clara, Sonoma, Stanislaus and Sutter Counties.

Federal/Military Courts: California, Illinois, Tennessee, Utah and Virginia.

International Courts: British Columbia, Canada.

C.A.C. Seminar, Spring 1980: "PGM Subtyping by Conventional Electrophoresis"

C.A.C./N.W.A.F.S Joint Seminar, Fall 1981: "Multisystem Approach to Red Cell Black Population Markers - Group IV"

S.A.F.S. Seminar, Spring 1982: "Multisystem Approach to Red Cell Black Population Markers - Group IV"

C.A.C. Seminar, Spring 1986: "Gm and Km Testing on Bloodstains"

2nd Joint Meeting of the Forensic Science Society and the California Association of Criminalists, July 1997: "Life in a Private Laboratory".

C.A.C. DNA Workshop, May 1998: "Casework Using Capillary Electrophoresis on the 310 Genetic Analyser™".

Forensic DNA lectures for California Defense Investigators Assoc. San Diego, CA, October 6 and 7, 1995.

Panel member at Perkin-Elmer Applied Biosystems Division - Forensic PCR Technical Training Roundtable Discussions

Guest lecturer on Forensic DNA to a Molecular and Cell Biology Course at the California State University at Sonoma, California on November 23, 1999

California vs. Scott Dyleski: My Experience with the Admissibility of Y-STRs (ABI Y-filer™), California Association of Criminalists, Fall 2007 DNA Workshop, Berkeley, CA, October 16, 2007.

Taking a Bite Out of Crime: DNA analysis of Property Crime Cases, Association of Forensic DNA Analysts and Administrators (AFDAA) Summer 2012, San Antonio, TX, June 28, 2012.

Determination of Reference Sample Genotypes for the HLADQA1 (HLADQα) Locus Using Direct DNA Sequencing of PCR Amplicons, Association of Forensic DNA Analysts and Administrators (AFDAA) Summer 2013, San Antonio, TX, May 30, 2013.

Determination of Reference Sample Genotypes for the HLADQA1 (HLADQα) Locus Using Direct DNA Sequencing of PCR Amplicons, American Academy of Forensic Science, 66th Annual Scientific Meeting, Seattle, WA, February 20th 2014.

False Confession and CODIS Hits Entwine Two Capital Cases, 25th International Symposium on Human Identification, Phoenix, AZ, October 1st 2014; CAC 2015 Fall Seminar, September 22, 2015, Burlingame, CA; and California Association of Crime Laboratory Directors, Fall Meeting, November 17th 2015, Sacramento, CA.

Instructor at various Forensic laboratories in semen identification and/or advanced electrophoresis techniques:

Iowa Department of Public Safety, Des Moines, January 1984
Michigan Department of State Police, East Lansing, August 1984
Arizona Department of Public Safety, Phoenix, April 1985
South Carolina Department of Law Enforcement, Columbia, November 1985
Georgia State Bureau of Investigation, Decatur, Georgia, June 1986
Michigan Department of State Police, East Lansing, March 1987
Arizona Department of Public Safety, Phoenix, November 1987
San Diego Police Department, San Diego, September 1988
New York City Police Department, New York, March 1997

DNA TRAINING AND COURSES

Forensic DNA Seminar, California Association of Crime Laboratory Directors, November 19, 1987, Newport Beach, CA.

Forensic DNA Symposium, California Association of Criminalists, 71st Semiannual Seminar May 21, 1988, Berkeley, CA.

Topics in Molecular Biology Related to Forensic DNA Analysis, July 24-28, 1989
UC Berkeley Extension

Principles of Molecular Biology, Fall 1989, UC Berkeley Extension (X107A)

Principles of Molecular Biology, Spring 1990, UC Berkeley Extension (X107B)

Certificate of Completion for HLA DQ α Forensic DNA Amplification and Typing Workshop, Cetus Corporation, Forensics PCR Division, August 17, 1990.

Introduction to Genes and Genetics, Fall 1990, UC Berkeley Extension (X143)

The Population Genetics and Statistics Seminar for Forensic Biology, California Association of Criminalists, June 17-19, 1992.

Forensic DNA User Workshop, California Association of Criminalists, May 9 and 10, 1995.

Forensic DNA User Workshop, California Association of Criminalists, May 15, 1996.

Forensic DNA Workshop, 2nd Joint Meeting of the Forensic Science Society and the California Association of Criminalists, Harrogate, North Yorkshire, U.K., July 9-12 1997.

Forensic DNA Workshop, 3rd Joint Meeting of the Forensic Science Society and the California Association of Criminalists, Napa, California, May 9, 2000.

Forensic DNA Workshop, "Short Tandem Repeat Analysis Data: Processing Interpretation and Storage", American Academy of Forensic Science, 53rd Annual Meeting, Seattle, WA on February 20, 2001.

Forensic Applications of Y-Chromosome DNA Typing, Symposium, Tennessee Bureau of Investigation, Nashville, TN on May 12, 2003.

FBI DNA Auditor Training, NWAFS Fall Meeting Workshop, Portland, OR, October 15-16, 2003

Applied Biosystems, Inc., HID Genemapper ID v.3.1- Web Ex Training # 751747357, June 14, 2004.

Applied Biosystems, Inc., Future Trends in Forensic DNA Technology 2006 Seminar HID™
University Seminar Series, Berkeley, CA, September 22, 2004.

San Diego District Attorney's Office, "DNA Court Room Training for Criminalists," San Diego, CA,
December 2, 2004

Applied Biosystems, Inc., Future Trends in Forensic DNA Technology 2006 Seminar HID™
University Seminar Series, Berkeley, CA, June 13, 2006.

Forensic DNA Workshop, California Association of Criminalists, Berkeley, CA, October 16th 2007

Forensic Training Network, "Forensic STR Data Analysis Using Genemapper," SERI, June 4th 2008,
Instructor: Jaime Handlesman

Forensic DNA User Workshop, Fall 2009 Seminar, California Association of Criminalists
San Jose, California, October 26th 2009.

Applied Biosystems, Inc., Future Trends in Forensic DNA Technology 2006 Seminar HID™
University Seminar Series, Berkeley, CA, July 20, 2010

21st International Symposium on Human Identification, San Antonio, TX, October 12 and 13, 2010

22nd International Symposium on Human Identification, National Harbor, MD, October 3 thru 6, 2011

Association of Forensic DNA Analysts and Administrators (AFDAA) Seminar, Summer 2012, San
Antonio, TX, June 28 and 29, 2012.

23rd International Symposium on Human Identification, Nashville, TN, October 15 thru 18, 2012

ASCLD/LAB–International, Internal Auditor Training Course, Emeryville, CA; February 5-8, 2013.

Association of Forensic DNA Analysts and Administrators (AFDAA) Seminar, Summer 2013, San
Antonio, TX, May 30 and 31, 2013.

American Academy of Forensic Science, 66th Annual Scientific Meeting, Seattle, WA, February 19th to
21st, 2014.

Life Technologies, Inc., HID University, 2014 Future Trends in Forensic DNA Technology, San
Francisco, CA, July 23rd 2014.

25th International Symposium on Human Identification, Phoenix, AZ, October 1st 2014.

California Association of Criminalists, 2015 Fall Seminar, Forensic DNA Workshop, September 22,
2015, Burlingame, CA.

California Association of Criminalists, 2016 Fall Seminar, Seratec® Biology Workshop, October 31
2016, Rancho Mirage, CA.

California Association of Criminalists, 2016 Fall Seminar, Forensic DNA Workshop, November 1, 2016, Rancho Mirage, CA.

In-house training for probabilistic genotyping and kinship analysis (Bullet & Brutus) by Kent Harman of Genetic Technologies, Inc. on March 13th 2017.

In-house training for "Casework Application of Probabilistic Genotyping – eDNA/Bullet", by Casseday Baker January 18th 2018.

Workshop #1, "Proposed revisions to the FBI Quality Assurance Standards – DNA", AAFS 70th Annual Scientific Meeting, Seattle, WA, February 19th 2018.

Workshop #13, "Moving from CPI to Probabilistic Genotyping for DNA Mixture Interpretation", AAFS 70th Annual Scientific Meeting, Seattle, WA, February 19th 2018.

"Criminalistics I Seminar", AAFS 70th Annual Scientific Meeting, Seattle, WA, February 22nd & 23rd 2018.

PROFESSIONAL ORGANIZATIONS

California Association of Criminalists (CAC)
Association of Forensic Quality Assurance Managers (AFQAM)
California Association of Crime Laboratory Directors (CACLD)
International Society for Forensic Genetics (ISFG)

PROFESSIONAL RECOMMENDATIONS

Alan Keel, B.S., F-ABC
Forensic Analytical Sciences, Inc.
3777 Depot Rd., Suite 403
Hayward, CA 94545-2761
(510) 266-8194

Steve Myers
California Department of Justice
Bureau of Forensic Services
Jan Bashinski DNA Laboratory
101 West Cutting, Suite 110
Richmond, CA 94804-3300
(510) 620-3300

PUBLICATIONS

"Electrophoresis of Esterase D in Fresh Blood and in Bloodstains on Cellulose Acetate", Grunbaum, Harmor, Del Re, Zajac, Journal of Forensic Sciences, Vol. 23, No. 1, January 1978

"Final Report: Bloodstain Analysis System", Wraxall, Bordeaux, Harmor, Walsh, FR2700-101, The Aerospace Corporation, 955 L'Enfant Plaza, S.W., Washington, D.C., 20531, September 1978

"Final Report: Forensic Serology Workshops", Wraxall, Harmor, Provost, Jordon, 78NI-AX-0079, NILE and CJ, U.S. Department of Justice, Washington, D.C., 20531, September 1979