

Curriculum Vitae

***Alan L. Friedman, Ph.D.***

***Forensic DNA, Biology & Molecular Genetics***

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**Education**

Ph.D. 1985	Molecular Genetics and Cell Biology	University of Chicago, Division of Biological Sciences, Pritzker School of Medicine
M.A. 1979	Biology	Humboldt State University
B.A. 1977	Botany	Humboldt State University

**Experience**

Currently:	Helix Consulting 544 E Ogden Ave Suite 700-385 Milwaukee, WI 53202 (414) 395-3460 (414) 376-6872 fax
March 1996-October 2008	Laboratory Director and President Helix Biotech, Inc. 2821 N 4th St. Milwaukee, WI 53212
August 1987-June 1995	Assistant Professor Department of Biology Marquette University Milwaukee, WI 53233
January 1985- August 1987	Postdoctoral Research Associate University of Wisconsin-Madison

**Professional Affiliations**

Midwestern Association of Forensic Scientists  
American Academy of Forensic Sciences  
American Association for the Advancement of Science

**Fellowships and Honors**

1982-1985	Pre-doctoral Trainee, National Institute of Health Training Grant in Molecular and Cellular Biology, University of Chicago
1980-1981	Pre-doctoral Fellow, C.L. and F.K. Hutchinson Fund for Graduate Study, University of Chicago
1979	Scholarship, Marine Biological Laboratory, Woods Hole, MA

## Forensic Seminars Presented

*DNA Evidence in the Wisconsin Courts.* Milwaukee Public Defenders Regional Training Program. Marquette University Law School, June 21, 1996

*DNA Evidence And The Innocence Defendant.* Wisconsin State Public Defenders Conference; Hilton Hotel, Milwaukee, WI November 1, 1996.

*Ethics and DNA Evidence in the Criminal Justice System.* Biotechnology and Ethics, UW-Milwaukee, March, 11, 1997

*Collecting and Preserving DNA for the Crime Scene Investigator.* Wisconsin State Public Defenders Conference; Hilton Hotel, Milwaukee, WI November 13, 1998.

The Future of DNA, Science in the Courtroom for the 21<sup>st</sup> Century: Examining the Actual Policies and Practices of Forensic DNA. DePaul University Center for Law and Science, Chicago, IL. May 14, 1999.

*The DNA Expert Examined: Expert Witnesses and Forensic Science in the Courtroom.* DuPage County Bar Association, Wheaton, IL. Sponsored by the Illinois Criminal Justice Information Authority. October 29, 1999.

*Forensic DNA and Biology: A lecture and laboratory course.* Naif Arab Academy for Security Sciences, Riyadh, Saudi Arabia. April 1-15, 2000

*An Introduction to Forensic DNA.* A lecture to a 3<sup>rd</sup> year class at DePaul University Law School. January 23, 2001

*Paternity Testing in Criminal Cases.* Sponsored by the Cook County Public Defender and DePaul University Center for Law and Science, Chicago, IL. May 9-11, 2002.

*DNA in the Criminal Courts.* A lecture to the graduate course in DNA Sequencing. December 11, 2002

*The Role of the Independent DNA Consultant.* Minnesota Institute of Legal Education course *DNA Evidence.* February 26, 2003. Hyatt Regency, Minneapolis, MN

*The Trials of Steven Avery.* Annual meeting of the Professional Association of Wisconsin Investigators. April 22, 2010, Green Bay, WI

*CSI for the Defense: The Role of Forensic Science Experts in the Criminal Justice System.* McNair Scholars Program, Marian University, Fond du Lac, WI February 9, 2011

*The ABCs of DNA: A Primer. A Day With the Experts in Criminal Defense.* June 13, 2014. State Bar of Wisconsin, Madison, WI

*The ABCs of DNA: A Primer.* June 19, 2014. Federal Defender Conference, Rockford, IL

Forensic DNA: How Low Can You Go. September 16, 2016. Wisconsin Association of Criminal Defense Lawyers CLE course. Olympia Conference Center, Oconomowoc, WI

## Forensic Continuing Education

*DNA Forensics: Science, Practice and Future.* Ranajit Chakraborty, Organizer. April 21-27, 1996. Santa Fe, New Mexico

Third Annual National Conference on *The Future of DNA: Implications for the Criminal Justice System.* US Dept. Justice May 21-22, 1998, Chicago, IL

*STR's by Capillary Electrophoresis.* Sponsored by the Midwestern association of Forensic Scientists & the Illinois State Police March 10-12, 1999 Chicago, IL

*DNA Typing with STR's,* Promega Workshop, September 21-22, 1999, Madison, WI

## Forensic Continuing Education cont.

Helix Consulting, 544 E Ogden Ave, Suite 700-385, Milwaukee, WI 53202  
[info@forensicDNAconsultant.com](mailto:info@forensicDNAconsultant.com) voice 414-395-3460 fax 414-3766872

*Criminalistics: An introduction to forensics.* Richard Saferstein, Ph.D., DePaul University Law School, September 23-24, 1999; Chicago, IL

*The Eleventh International Symposium on Human Identification.* October 10-13, 2000; Biloxi, MS  
This conference included a minisymposium on Paternity.

*Forensic MAFS STR Symposium on Mixture Issues and New Technology.* April 22-24, 2002; Oak Brook, IL.

*Applied Biosystems' Annual User Forum on Forensic DNA.* American Academy of Forensic Science meeting; February 19, 2003. Hyatt Regency, Chicago, IL

*American Academy of Forensic Science Annual Meeting* February 17-20, 2004; Dallas, TX

*Foresnic Human Mitochondrial DNA Analysis.* American Academy of Forensic Science Annual Meeting February 16, 2004; Dallas, TX

*Advanced Topics in STR DNA Analysis.* American Academy of Forensic Science Annual Meeting February 20, 2006; Seattle, WA

*Biological Stain Identification and Microscopy of Biological Substances* MAFS Biology spring workshop; May 15-17, 2006

*GeneMapper ID Software Training.* Applied Biosystems -Web-Based Training August 14, 2006

*DNA Mixture Interpretation Workshop and Webcast.* April 12, 2013. National Institute of Science and technology, Office of Law Enforcement Standards and Applied Genetics Group.

*Probabilistic Genotyping & Software Programs.* May 28, 2014 webinar, National Institute of Science and technology, Office of Law Enforcement Standards and Applied Genetics Group.

*Softgenetics GeneMarker HID: A User's Perspective.* Jessica Seifarth, Technical Training and Support Specialist, Promega Corporation. April 20, 2016 webinar.

## Forensic Publications

Friedman, Alan (1997) *New Approaches and Technologies in Criminal Forensic DNA Typing.* Forensic Examiner **6(5&6):23-25.**

Friedman, Alan (1999) *Forensic DNA Profiling in the 21<sup>st</sup> Century.* International Journal of Offender Therapy and Comparative Criminology. **43 (2):168-179.**

## Court Testimony

	Accepted by the court as an expert in Forensic DNA and Biology in the following cases:
July 15, 1997	<i>Toliver v. Cisco</i> ; Case No. 91 D 68071; Chicago, IL; Testimony in a paternity case
June 25, 1998	<i>State of Louisiana v. Jesse Hoffman</i> ; 22nd JDC; No. 26537 "H", Covington, Louisiana; Testimony in a capital homicide
December 22, 1998	<i>Commonwealth of Kentucky v. Danny Odom</i> ; Hickman, KY; Testimony in a sexual assault of a minor case
January 14, 1999	<i>State of Wisconsin v. Ernest Halford</i> ; State of Wisconsin Circuit Court, Washburn County; Case No. 98-CF-41; Testimony in a homicide case.
March 11, 1999	<i>Wyatt v. Armah</i> , Milwaukee County Circuit Court, Case No. 97PA004546, Testimony in a paternity case
March 14, 1999	<i>Ohio v. Norman Spencer II</i> , Circuit Court, Franklin County, OH; Testimony in a sexual assault of a minor case.

## Court Testimony cont.

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[info@forensicDNAconsultant.com](mailto:info@forensicDNAconsultant.com) voice 414-395-3460 fax 414-3766872

July 27, 1999	<u>Commonwealth of Kentucky v. Danny Odom</u> ; Hickman, KY; Testimony in the retrial of a sexual assault of a minor case
November 10, 1999	<u>Illinois v. Aureliuse Piper</u> ; Kankakee, IL; ASA Case No. 97-CF-750; Testimony in a triple homicide.
February 18, 2000	<u>Wisconsin v. Albert Black</u> , Milwaukee County Case No. 99CF-001444; Testimony in a sexual assault case.
April 28, 2000	<u>Illinois v. Abel Colin</u> , Cook Co. Case No. 95 CR 6687; DNA testing and testimony in a sexual assault case
November 17, 2000	<u>Illinois v. James Piggues</u> , Freeport, IL 98 CF 480, Testified as an expert on DNA, serology and microscopy in a homicide case.
May 31, 2001	<u>Wisconsin v. Dathon Branch</u> , LaCrosse, WI Case No. 00 CF 768, Second degree sexual assault
July 10, 2001	<u>Illinois v. Aureliuse Piper</u> ; Kankakee, IL; Case No. 97-CF-750; Testimony in the retrial on charges of triple homicide.
August 8, 2001	<u>Illinois v. John Regan</u> ; Maywood, IL Agency Case No. 995614; ISP Crime Lab No. W99-003812; Testing and testimony in sexual assault case.
February 13, 2002	<u>Wisconsin v. Steven E. Jaschob</u> , Dane County, WI. Case No. 01-CF-802; Testing and testimony in sexual assault case.
February 22-25 2002	<u>Illinois v. Leon Knox</u> , Winnebago County, IL. Testimony in a sexual assault case.
May 21-23, 2002	<u>Maryland v. Eugene Winder</u> , Baltimore County, MD. Pretrial testimony in triple homicide case.
August 29, 2002	<u>Wisconsin v. Richard Moeck</u> . Lacrosse County, WI. Post-conviction hearing in a sexual assault case.
March 14, 2002	<u>Wisconsin v. Keith Williams</u> . Kenosha County, WI. Testimony in a sexual assault case.
September 1, 2004	<u>Wisconsin v. Tramaine Hughes</u> . Case No. 04 CF 000571 Milwaukee County, WI. Testimony in a sexual assault case.
May 19, 2005	<u>Wisconsin v. Kevin Zarm</u> , Marathon County Case No. 03-CF-767 and 03-CF-642. Testimony on wildlife DNA in an Arson and robbery case
June 30, 2005	<u>Wisconsin v. Patrick R. Boenigk</u> . Dane County Case No. 03-CF-326. Post-conviction expert testimony in sexual assault case.
August 10-11, 2005	<u>Maryland v. Adan Canela</u> Baltimore County Case No. 104176020-031. Expert testimony for defense in homicide of three children.
October 26, 2005	<u>Maryland v. Eric Hamby</u> Frederick County Case No. 04-35,591. Expert testimony for defense in sexual assault case.

## Court Testimony *cont.*

December 1, 2005	Maryland v. Robert Lee Myer, Baltimore Co. Case No. 04CR4726. Expert testimony for defense in sexual assault of a minor case.
January 13, 2006	Texas v. Christopher George, Fort Bend Co. Juvenile Case. Expert testimony in sexual assault case.
March 20, 2006	Wisconsin v. Richard E. Dinger, Dodge Co. 05 CF 284. Testimony at DNA admissibility hearing
April 18, 2006	<i>Florida v. Mark Daigle</i> . Twelfth Judicial Circuit, Sarasota County. Case No.97-17452 F; Post-conviction testimony in sexual battery case..
September 15, 2006	Maryland v. Danny Hoskins, Case No. K-00-307. Post-conviction testimony in homicide case.
March 15, 2007	<i>Wisconsin v. Robert Taggart</i> ; Racine County Case No. 05-CF-1335. Serology, DNA testing and testimony in a vehicular homicide case.
April 12, 2007	<i>Wisconsin v. Robert Leatherberry</i> ; Sheboygan County, WI Sexual assault
April 26, 2007	<i>Wisconsin v. Johnny L. Sally</i> ; Portage County Case No. 05 CF 247; Sexual assault of a minor.
August 29-30, 2007	<i>Wisconsin v. Charles L Williams</i> ; Kenosha County Case No. 2006 CF 000265.
September 13, 2007	<i>Wisconsin v. Ronald O. Sugden</i> , Iowa County Circuit Court Case No.: 06-CF-36.
January 30, 2008	<i>Wisconsin v. Tom Garcia</i> , Waukesha County Circuit Court Case No.: 2006-CF001337 Assault and Battery
May 2, 2008	<i>Michigan v. Charles Curtis Merriman</i> , 33 <sup>rd</sup> Circuit Court for Charlevoix County. Homicide.
May 27, 2008	<i>Wisconsin v. Vincent Tanner</i> , Assault by prisoner. Milwaukee County Case 08-CF-1348.
June 17, 2008	<i>Wisconsin v. Craig D. Miller</i> , Brown County Case No.: 2007-CF-001236.
September 9, 2008	<i>Wisconsin v. Ryan A. Mueller</i> , Sheboygan County Case No: 07-CR-112
November 6, 2008	<i>United States v. Pao Xiong</i> , US Eastern District of Wisconsin Federal Court Case No. 07 CR 112
January 9, 2009	<i>Wisconsin v. Troy Cameron</i> ; Kenosha County Case No.: 2004-CF-86 and 2005-CF-163
December 1, 2009	<i>Wisconsin v. Al-Noor Govani</i> , Milwaukee county Case No.: 2008-CF-001853

## Court Testimony *cont.*

March 10, 2010	<i>Wisconsin v. Terry Triblett.</i> Milwaukee county case No.: 09JV513A. Juvenile with a gun.
December 22, 2010	<i>Wisconsin v. Frank Rich.</i> Chippewa County case No.: 08-CF-455. Sexual assault of a minor; Y-STR case.
January 8, 2011	<i>Wisconsin v. State of WI v. Raul Ponce-Rocha.</i> Homicide. Marathon County Case No. 09-CF-299.
February 18, 2011	<i>State of WI v. James Emerson.</i> Post conviction hearing in homicide. Marathon County. Case No. 07-CF-357
May 19, 2011	<i>State of WI v. David Lewis.</i> Homicide. Milwaukee County No. 09-CF-002893
August 22, 2011	<i>State of Wisconsin v. Ronald L Williams,</i> Sheboygan County Case No: 2010CF000486
March 8, 2012	<i>State of Wisconsin v. Jeffrey L. McCarroll.</i> Dane County Case 11-CF-360
March 15, 2012	<i>State of Wisconsin v. Chad W. Magolski.</i> Homicide. Waupaca County Case 11-CF-87.
March 28, 2012	<i>State of Wisconsin v. Chad W. Magolski.</i> Homicide. Waupaca County Case 11-CF-87.
December 6, 2012	<i>State of Wisconsin v. Sammy S. Cooper.</i> Sexual Assault. Juneau County 2011CF000105
January 11, 2013	<i>State of Wisconsin v. Aaron Alexander-Robinson.</i> Milwaukee County Juvenile Case No.: 12JV599
January 9, 2014	<i>State of Wisconsin v. Chad W. Magolski.</i> Homicide. Waupaca County Case 11-CF-87. Appellate hearing.
May 20, 2014	<i>State of Wisconsin v. Javin Wilson.</i> Rock County Case 2012-CF.977, Aggravated Battery.
March 17, 2015	<i>State of Wisconsin v. Lance D. Smith.</i> Dane County Case No. 14 CF 272. Felon with a gun.
March 17, 2015	<i>State of Wisconsin v. Margaret Rae Youngblood.</i> Dane County 2014-CF-001738. Felon with a gun.
August 14, 2015	<i>State of Wisconsin v. Lamonte W. Moore.</i> Milwaukee County Case: 15-CF-2107. Homicide.
October 15, 2015	<i>State of Wisconsin v. State v. Jeffrey L. Borneman.</i> Marquette County case No.13CF42 Sexual assault of a minor
November 4, 2015	<i>State of Wisconsin v. Darwin Davis,</i> Shawano County Case No: 12-CF-316 Sexual assault of a minor.
April 6, 2016	<i>State of Wisconsin v. Gregory Murry.</i> Racine County Case No. 2015-CF-000304. Sexual assault of a minor.
July 15, 2016	<i>State of Wisconsin v. Hector Rafael Rodriguez.</i> Milwaukee County 15-CF-2094. Sexual assault of a minor.