

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 6650 W State St. Suite 387 Milwaukee, WI 53213 (414) 395-3460 (414) 253-6950 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  
International Society for Forensic Genetics  
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.* Hyatt Regency, Minneapolis, MN. February 26, 2003.

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

*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.* State Bar of Wisconsin, Madison, WI. June 13, 2014.

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

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

## Forensic Continuing Education

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

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

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

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

## Forensic Continuing Education *cont.*

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

*The Eleventh International Symposium on Human Identification.* This conference included a mini-symposium on paternity. Biloxi, MS. October 10-13, 2000.

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

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

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

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

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

*Biological Stain Identification and Microscopy of Biological Substances* MAFS Biology Workshop. May 15-17, 2006.

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

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

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

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

*Y-Screening and Direct Amplification of Sexual Assault Evidence Kit Samples.* Technical Training and Support Specialist, Promega Corporation. Webinar- October 31, 2016.

*Probabilistic Genotyping: Theory and Implementation.* Midwestern Association of Forensic Scientists, Sheraton Milwaukee Brookfield Hotel. April 24-27, 2017.

## 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 *Toliver v. Cisco*; Case No. 91 D 68071; Chicago, IL; Testimony in a paternity case.

June 25, 1998 *State of Louisiana v. Jesse Hoffman*; 22nd JDC; No. 26537 "H", Covington, Louisiana; Testimony in a capital homicide.

December 22, 1998 *Commonwealth of Kentucky v. Danny Odom*; Hickman, KY;  
Testimony in a sexual assault of a minor case

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## **Court Testimony *cont.***

- January 14, 1999 *State of Wisconsin v. Ernest Halford*; State of Wisconsin Circuit Court, Washburn County; Case No. 98-CF-41; Testimony in a homicide case.
- March 11, 1999 *Wyatt v. Armah*, Milwaukee County Circuit Court, Case No. 97PA004546, Testimony in a paternity case.
- March 14, 1999 *Ohio v. Norman Spencer II*, Circuit Court, Franklin County, OH; Testimony in a sexual assault of a minor case.
- July 27, 1999 *Commonwealth of Kentucky v. Danny Odom*; Hickman, KY; Testimony in the retrial of a sexual assault of a minor case
- November 10, 1999 *Illinois v. Aureliuse Piper*; Kankakee, IL; ASA Case No. 97-CF-750; Testimony in a triple homicide.
- February 18, 2000 *Wisconsin v. Albert Black*, Milwaukee County Case No. 99CF-001444; Testimony in a sexual assault case.
- April 28, 2000 *Illinois v. Abel Colin*, Cook Co. Case No. 95 CR 6687; DNA testing and testimony in a sexual assault case.
- November 17, 2000 *Illinois v. James Piggues*, Freeport, IL 98 CF 480, Testified as an expert on DNA, serology and microscopy in a homicide case.
- May 31, 2001 *Wisconsin v. Dathon Branch*, LaCrosse, WI Case No. 00 CF 768, Second degree sexual assault.
- July 10, 2001 *Illinois v. Aureliuse Piper*; Kankakee, IL; Case No. 97-CF-750; Testimony in the retrial on charges of triple homicide.
- August 8, 2001 *Illinois v. John Regan; Maywood*, IL Agency Case No. 995614; ISP Crime Lab No. W99-003812; Testing and testimony in sexual assault case.
- February 13, 2002 *Wisconsin v. Steven E. Jaschob*, Dane County, WI. Case No. 01-CF-802; Testing and testimony in sexual assault case.
- February 22-25 2002 *Illinois v. Leon Knox*, Winnebago County, IL. Testimony in a sexual assault case.
- May 21-23, 2002 *Maryland v. Eugene Winder*, Baltimore County, MD. Pretrial testimony in triple homicide case.
- August 29, 2002 *Wisconsin v. Richard Moeck*. Lacrosse County, WI. Post-conviction hearing in a sexual assault case.
- March 14, 2002 *Wisconsin v. Keith Williams*. Kenosha County, WI. Testimony in a sexual assault case.
- September 1, 2004 *Wisconsin v. Tramaine Hughes*. Case No. 04 CF 000571 Milwaukee County, WI. Testimony in a sexual assault case.
- May 19, 2005 *Wisconsin v. Kevin Zarm*, Marathon County Case No. 03-CF-767 and 03-CF-642. Testimony on wildlife DNA in an Arson and robbery case
- June 30, 2005 *Wisconsin v. Patrick R. Boenigk*. Dane County Case No. 03-CF-326. Post-conviction expert testimony in sexual assault case.
- August 10-11, 2005 *Maryland v. Adan Canela* Baltimore County Case No. 104176020-031. Expert testimony for defense in homicide of three children.

## **Court Testimony cont**

- October 26, 2005 Maryland v. Eric Hamby Frederick County Case No. 04-35,591. Expert testimony for defense in sexual assault case.
- 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 Florida v. Mark Daigle. 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 Wisconsin v. Robert Taggart; Racine County Case No. 05-CF-1335. Serology, DNA testing and testimony in a vehicular homicide case.
- April 12, 2007 Wisconsin v. Robert Leatherberry; Sheboygan County, WI Sexual assault
- April 26, 2007 Wisconsin v. Johnny L. Sally; Portage County Case No. 05 CF 247; Sexual assault of a minor.
- August 29-30, 2007 Wisconsin v. Charles L Williams; Kenosha County Case No. 2006 CF 000265.
- September 13, 2007 Wisconsin v. Ronald O. Sugden, Iowa County Circuit Court Case No.: 06-CF-36.
- January 30, 2008 Wisconsin v. Tom Garcia, Waukesha County Circuit Court Case No.: 2006-CF001337 Assault and Battery
- May 2, 2008 Michigan v. Charles Curtis Merriman, 33<sup>rd</sup> Circuit Court for Charlevoix County. Homicide.
- May 27, 2008 Wisconsin v. Vincent Tanner, Assault by prisoner. Milwaukee County Case 08-CF-1348.
- June 17, 2008 Wisconsin v. Craig D. Miller, Brown County Case No.: 2007-CF-001236.
- September 9, 2008 Wisconsin v. Ryan A. Mueller, Sheboygan County Case No: 07-CR-112
- November 6, 2008 United States v. Pao Xiong, US Eastern District of Wisconsin Federal Court Case No. 07 CR 112
- January 9, 2009 Wisconsin v. Troy Cameron; Kenosha County Case No.: 2004-CF-86 and 2005-CF-163
- December 1, 2009 Wisconsin v. Al-Noor Govani, Milwaukee county Case No.: 2008-CF-001853
- March 10, 2010 Wisconsin v. Terry Triblett. Milwaukee county case No.: 09JV513A. Juvenile with a gun.

### **Court Testimony cont.**

- December 22, 2010 *Wisconsin v. Frank Rich*. Chippewa County case No.: 08-CF-455. Sexual assault of a minor; Y-STR case.
- January 8, 2011 *Wisconsin v. State of WI v. Raul Ponce-Rocha*. Homicide. Marathon County Case No. 09-CF-299.
- February 18, 2011 *State of WI v. James Emerson*. Post conviction hearing in homicide. Marathon County. Case No. 07-CF-357
- May 19, 2011 *State of WI v. David Lewis*. Homicide. Milwaukee County No. 09-CF-002893
- August 22, 2011 *State of Wisconsin v. Ronald L Williams*, Sheboygan County Case No: 2010CF000486
- March 8, 2012 *State of Wisconsin v. Jeffrey L. McCarroll*. Dane County Case 11-CF-360
- March 15, 2012 *State of Wisconsin v. Chad W. Magolski*. Homicide. Waupaca County Case 11-CF-87.
- March 28, 2012 *State of Wisconsin v. Chad W. Magolski*. Homicide. Waupaca County Case 11-CF-87.
- December 6, 2012 *State of Wisconsin v. Sammy S. Cooper*. Sexual Assault. Juneau County 2011CF000105
- January 11, 2013 *State of Wisconsin v. Aaron Alexander-Robinson*. Milwaukee County Juvenile Case No.: 12JV599
- January 9, 2014 *State of Wisconsin v. Chad W. Magolski*. Homicide. Waupaca County Case 11-CF-87. Appellate hearing.
- May 20, 2014 *State of Wisconsin v. Javin Wilson*. Rock County Case 2012-CF.977, Aggravated Battery.
- March 17, 2015 *State of Wisconsin v. Lance D. Smith*. Dane County Case No. 14 CF 272. Felon with a gun.
- March 17, 2015 *State of Wisconsin v. Margaret Rae Youngblood*. Dane County 2014-CF-001738. Felon with a gun.
- August 14, 2015 *State of Wisconsin v. Lamonte W. Moore*. Milwaukee County Case: 15-CF-2107. Homicide.
- October 15, 2015 *State of Wisconsin v. State v. Jeffrey L. Borneman*. Marquette County case No.13CF42 Sexual assault of a minor
- November 4, 2015 *State of Wisconsin v. Darwin Davis*, Shawano County Case No: 12-CF-316 Sexual assault of a minor.
- April 6, 2016 *State of Wisconsin v. Gregory Murry*. Racine County Case No. 2015-CF-000304. Sexual assault of a minor.
- July 15, 2016 *State of Wisconsin v. Hector Rafael Rodriguez*. Milwaukee County 15-CF-2094. Sexual assault of a minor.
- December 15, 2016 *United States v. Donovan Cross*. US District Court for the Northern District of Iowa. Possession of a firearm or ammunition by a prohibited person
- February 17, 2016 *State of Wisconsin v. Gregory Murry*. Retrial of Racine County Case No. 2015-CF-000304. Sexual assault of a minor
- February 20, 2017 *State of Michigan v. Gregory Ihander*. Menominee County Case No. 2015-003769-FC. Open murder.
- April 13, 2017. *State of Wisconsin v. Rodney Frazier*. Dane County Case No. 2015-CF-58. Sexual assault.

### **Court Testimony cont.**

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May 26, 2017 State of Minnesota v. Derek Lamont Johnson, Anoka County Case No. 02-CR-15-407. DNA on a drug baggie.

November 1, 2017 State of WI v. Jeffrey W Koepsel Jr., Milwaukee County Case No. 2016-CF-003976. Sexual assault.

March 1, 2018 State of WI v. Rodney E Frazier. Dane County Case No. 2015-CF000058. 1<sup>st</sup> degree child sex assault.

May 17, 2018 State of WI v. Alex Wouts, Dodge County Case 2016-CF-000142. Sexual assault by Correctional Staff.