



**Roger Vincent Miller, Ph.D.**

D4D LLC, P.O. Box 3209, Mesilla Park, NM 88047

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Email: [vince.millerdna@gmail.com](mailto:vince.millerdna@gmail.com)

**Current Position:** Owner, D4D LLC, a forensic DNA consulting firm.

**Expert Witness:** Appointed to the Panel of Expert Witnesses by the Los Angeles Superior Court in 2008.

Court qualified and testified as a DNA expert over 45 times at both the Federal and state level in predominantly criminal cases.

**Other Qualifications:** Qualified as a DNA Technical Leader (FBI's Quality Assurance Standards) since 2008.

Qualified as a Forensic DNA Auditor in compliance with the FBI's Quality Assurance Standards. ANSI-ASQ National Accreditation Board (ANAB) Provisional Technical Assessor (FBI QAS).

**Education:** Ph.D. in Plant Pathology with expertise in molecular biology from Montana State University in 1983.

**Experience:** Over thirty (30) years of experience in the laboratory industry in forensic DNA, human identity, genetics, microbiology and chemistry. My experience includes human genetics, cloning and mutagenesis of fungi, quantitative (real-time) PCR (qPCR) method development and analyses on human and environmental organisms. One of these projects involved a classified project, now declassified, on biological control of illicit drug plants for the U.S. Department of Agriculture. I currently hold a security clearance, co-inventor on two patents, past recipient of a NIH grant, and an author on more than 40 publications and over 60 proceedings. I am a full member of the American Academy of Forensic Sciences. Qualified as an expert and testified on DNA-related issues fifty times.

May 2015 to present – Owner of D4D LLC, a forensic DNA consulting firm. August, 2013 to May 2015 – Forensic Technical Manager, General Genetics Corporation. My responsibilities included serving as the DNA Technical Leader as defined by the FBI Quality Assurance Standards. I also served as the Quality Coordinator and Compliance Officer for the corporation. March, 2012 to August, 2013 – Chief Technical Officer for Chromosomal Labs • Bode Technology. September, 2004 until the acquisition by Bode Technology in 2012 – Vice President and Chief Technical Officer of Chromosomal Laboratories. I qualified as a Forensic DNA Analyst in 2005 and assumed the role as Forensic DNA Technical Leader in 2008. I am qualified as the Laboratory Director for Forensic and Parentage/Identity DNA Testing by AABB and the New York State Department of Health. I have personally conducted over a thousand real-time PCR and STR analyses on forensic and human identity samples, interpreted several thousands of analyses, and reviewed data from over 50,000 analyses conducted at General Genetics Corporation, Chromosomal Laboratories and during case reviews. I have taught introductory DNA courses to over 40 classes of law enforcement, officers of the court, and/or third-party administrators and I was an Adjunct Professor of human genetics at Glendale Community College, Glendale, AZ until 2013. Currently: Instructor, Health Occupations Department, Doña Ana Community College, Las Cruces, NM.

1983:	Ph.D. Plant Pathology,	Montana State University,	GPA 3.7.
1978:	M.S. Biology,	New Mexico State University	GPA 3.8.
1976:	B.S. Biology	New Mexico State University	GPA 3.7.



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**DNA Expert Witness Court Testimony Experience:**

<b>DATE</b>	<b>CASE</b>	<b>SERVICES</b>
2015	NM v. Juan Galindo, D-0202-CR-201200190, NM 2 <sup>nd</sup> Jud. District Court, Albuquerque	Defense
2014	U.S. v. Mark Jordan, 94-CR-229-LTB, U.S. District Court, Denver, CO	Defense
2013	AZ v. James Kummer, CR2010-006269-001, Superior Court, Phoenix, AZ	Defense
	TX v. Bobby Joe Peyronel, 129376001010-3, Superior Court 174, Houston, TX	Defense
	AZ v. Mark Benson, CR2009-137548, Superior Court, Phoenix, AZ,	Defense
2012	AZ v. Carlos Austin, CR2010-00401, Superior Court, Bisbee, AZ	Defense
	U.S. v. BM3 Lockettfields, UCMJ General Court Martial, San Diego Naval Base	Defense
	AZ v. Ruben Galaviz, CR2009-125081-001DT, Superior Court, Phoenix	Defense
	CA v. Contreras, SCD236438, Superior Court, San Diego, CA	Defense
	Retrial: CA v. Christopher Delaney, RIF 10004236, Superior Court, Riverside	Defense
	AZ v. Mario Chavez-Tavena, CR2009-141909, Superior Court, Phoenix	Defense
	CA v. Michael Barbar, RIF153385, Superior Court, Riverside, CA	Prosecution
	CO v. James Daniel Cuaron, 11CR 163, Arapahoe County District Court	Defense
	Tennessee Board of Medical Examiners v. Robert Magee, Nashville, TN	Defense
	CA v. Christopher Raines, SCD 230332, Superior Court, San Diego, CA	Defense
	CA v. Christopher Delaney, RIF 10004236, Superior Court, Riverside, CA	Defense
	Arkansas Dept. Human Service v. Alisa Dowden, JV-11-173, Helena, AR	Plaintiff
	AZ v. C. Barron, Superior Court, Phoenix, CR2010-005564-001DT (retrial)	Defense
	AZ v. Gonzalo Prudencio, Superior Court, Phoenix, CR 2010-161590-001	Defense
2011	AZ v. Stith-Peyron 1005-11-0664, Superior Court, Tucson	Defense
	U.S. v Arthur Joiner, District of Columbia, 2009-CF1-18164	Defense
	CA v. Cesar Albert Mora, Superior Court, Riverside, RIF146010	Defense
	AZ v. Christopher Barron, Superior Court, Phoenix, CR2010-005564-001DT	Defense
	District of Columbia v Jermaine Rudisill, 2009 CF1 023004	Defense
	AZ v. Jorge Centeno-Sarabia, Superior Court, Phoenix, CR2008-147702	Prosecution
	CA v. Philong Huynh, Superior Court, San Diego, SCD222832	Defense
	U.S. v. Tymond Preston, U.S. District Court, Phoenix, CR-10-8026-PCT-GMS	Defense
	AZ v. Ajelina Lewis, Superior Court, Bisbee, S-0200-CR-201000285.	Defense
	Re-trial CA v. Florencio Dominguez, Superior Court, San Diego, SCD225579	Defense
	CA v Keith Lawrence, Superior Court, Los Angeles, BA352380	Prosecution
	TX v. Julio Mayorga, 381 <sup>st</sup> District Court, Starr County, TX., CRS-404 to 444	Prosecution
	Estate of Thomas Sanchez, Adams County District Court, CO, 10PR31	Plaintiff
2010	CA v. Florencio Dominguez, Superior Court, San Diego, SCD225579	Defense
	AZ v. Carey Wheatley, Superior Court, Phoenix, CR2008-0697728-001DT	Defense
	TX v. Raul Coronado, Jr., District Court, Brownsville, 09-CR-00002536-E	Prosecution
	CA v Wilbur Compton, California, Superior Court, Los Angeles, TA099608	Defense
	CA v Daryl Ragsdale, Superior Court, Los Angeles, BA33791501	Defense
	In RE: A.G. (Juvenile), Superior Court, District of Columbia 2009 del 901	Defense
2009	NV v James Michael Biela, 2 <sup>nd</sup> Judicial District Court, Reno, CR08-2605	Defense
	MA v Mario Martinez-Bonilla, Suffolk Superior Court, 08-2605	Defense
	NV v James Michael Biela, 2 <sup>nd</sup> Judicial District Court, Reno, CR08-2605	Defense
	AZ v Adrian Gonzales, Superior Court, Tucson, CR2008-2649	Prosecution
2008	U.S. v SFC Al E. Britton, UCMJ General Court Martial, Fort Leonard Wood.	Defense
	E.Torres et al. v Darryl Elliott, Superior Court, Fairfield CT, FA-94-0314203-S.	Plaintiff
	IA v Armando Orozco, Superior Court, Sioux City, FECR054872.	Defense
	MA v. Everett McGuirk, Worcester District Court, MV06W0005 and 0006.	Defense
2007	U.S. v Donnie Bryant, U.S. District Court, NV, 2:06-CR-234-PMP (GWF).	Defense.
	LA vs. Stanley Lewis, Orleans Parish District Court, 465001" F"	Defense
	TN vs. William Starks, Tipton County Circuit Court, No. 5403.	Prosecution



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**Continuing Education:**

- Yearly DNA related continuing education in excess of eight hours per year, as dictated by the Quality Assurance Standards for Forensic DNA Testing Laboratories. These include attendance to professional meetings and/or on-line training.
- Quality Assurance Standards Auditor Training, FBI Virtual Academy, completed 7/29/2011.
- Courtroom Presentation of Evidence, by Raymond J. Davis. Workshop presented at Chromosomal Laboratories, Inc., November 18-19, 2008.
- DNA Mixture Interpretation: Principles and Practice in Component Deconvolution and Statistical Analysis, Workshop, American Academy of Forensic Sciences, Washington, D.C., Feb. 19, 2008.
- DNA Auditor Training, FBI Laboratory, San Francisco, CA Nov. 1 -2, 2007.
- Expert Witnessing Workshop, 18<sup>th</sup> Annual Symposium on Human Identification, Hollywood, CA Oct. 1, 2007.
- Advanced Cross-Examination Workshop and the 2004 Expert Witness Summit, Forensic Expert Witness Association, March 25 – 27, 2004.
- In-house training on DNA-View, statistical software program for human identification. Dr. Charles Brenner, Forensic Mathematician, Jan. 5 – 6, 2005.
- Advanced 3100 AMPfISTR Training Program, Applied Biosystems, Feb. 7 – 10, 2005.
- Sixth Internat. Conf. on Forensic Statistics, Arizona State University, March 18, 2005.
- Ancient DNA Training Program, Paleo DNA Laboratory, Lakehead University, Thunder Bay, Ontario, May 24 – June 11, 2005.

**Employment:**

**May 2015 to present:** Owner of D4D LLC, a forensic DNA consulting firm.

**August, 2013 – May, 2015: Forensic Technical Manager, Forensic Testing Laboratories (FTL).** Duties: DNA Technical Leader, and Quality Coordinator and Compliance Officer for all three laboratory divisions of General Genetics Corporation.

**February, 2012 – August, 2013: Chief Technical Officer, Chromosomal Labs • Bode Technology.** Duties: DNA Technical Leader and Paternity Laboratory Director.

**October, 2004 – February, 2012: Vice President and Chief Technical Officer, (DNA Technical Leader and Paternity Laboratory Director), Chromosomal Laboratories, Inc.** Duties: DNA Technical Leader (since 2008) and Paternity Laboratory Director since 2005.

**September, 2003 – 2004: Chief Scientist, Clark Seif Clark, Inc.** Duties: technical resource for the company, internal and external training in indoor environmental microbiology, conducting indoor environmental investigations and litigation support.

**2000 – September, 2003: Vice President of Research & Development, Aerotech Laboratories.** I directed all research and development projects for the company. Projects included the use of genetic testing via real-time PCR, aerosol testing, and mycotoxins. My responsibilities also included education, representing the company in official capacities, and serving as the liaison officer for BTOX (Biosafety Level 3 laboratory) to governmental agencies.



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**Employment Experience (cont.):**

**1998 to 2000: Vice President, Northwest Operations, Aerotech Environmental, consulting arm of Aerotech Laboratories.** Established the Redmond office in 1998, conducted indoor environmental investigations in the Puget Sound area, and organized and directed the Washington Chapter of the American Indoor Air Quality Council.

**1996 to 1998: Vice-President, Mycogenesis.** Facility management and multiple projects on antifungal pharmaceuticals from its evolution out of EcoPharm. **1994 to 1996: Senior Scientist and Manager, EcoPharm.** Set up the company from its founding, supervising all operations. The mission was in natural product development, primarily in discovery of new antifungal compounds from fungi. Retained position as a Research Associate Professor in the Department of Plant Pathology, Montana State University. The work resulted in the isolation, identification, and screening cultural by-products of over 600 fungal isolates.

**1990 to 1994: Research Associate Professor (1992-1994), Department of Plant Pathology, Montana State University. Research Assistant Professor (1990-1992), Research Associate (1990-1992).** Responsible for development of fungal mutants as biological control agents of weeds and drug plants (a USDA/DEA classified project since declassified).

**1987 to 1990: Research Scientist, Mycogen Corporation.** Responsible for genetic improvement, formulation and application of fungi as biological control agents of weeds.

**1985 to 1990: Post-Doctoral Research Associate, Department of Plant Pathology, Montana State University.** The primary objective was to genetically improve fungi for biological control of weeds using conventional mutagenesis and selection.

**1983 to 1985: Post-Doctoral Research Associate, Department of Plant Pathology, North Carolina State University.** Project involved the determination if pesticides had secondary plant growth regulator effects on crop plants. Techniques include plant physiological studies using plant tissue culture and biochemical markers.

**1978 to 1983: Doctoral Candidate, Department of Plant Pathology, Montana State University.** The dissertation project involved chemical alleviation of extrachromosomal elements including plant viruses and bacterial plasmids.

**Presentations on human genetics at professional meetings:**

- Jarman, P. and V. Miller. 2012. Paternity and Kinship Statistics Workshop, Ninth Annual Advanced DNA Technical Workshop – West, April 9-13, San Diego, CA.
- Miller, R. V. and S. G. Hudson. 2011. Poster: Nuances and Pitfalls in Criminal DNA Relationship Testing. 21<sup>st</sup> Intern. Symp. Human Identification, Oct. 3-6, National Harbor, MD.
- Miller, R. V. 2010. Frequency of Apparent False Inclusions in Complex Y-STR Mixtures. Proceedings of the Arizona Attorney's for Criminal Justice Fall Seminar, Tucson, AZ.
- Miller, R. V. and R. J. Bentley. 2010. Frequency of Apparent False Inclusions in Complex Y-STR Mixtures. Proceedings of the American Academy of Forensic Sciences, Seattle, WA, February 22-27, Seattle, WA.
- Miller, R. V. and R. J. Bentley. 2009. Frequency of Apparent False Inclusions in Complex Y-STR Mixtures. 20<sup>th</sup> Inter.. Symp. Human Identification, Oct. 13, Las Vegas, NV.



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**Presentations (cont.):**

- Miller, R. V. 2009. Forensic DNA Testing. National Bar Association, 84<sup>th</sup> Annual Convention, August 6, San Diego, CA.
- Miller, R. V. 2008. Forensic DNA Defense Strategies. Office of Federal Defenders, Alabama Middle District CLE Annual Conference, December 12, Montgomery, AL.
- Miller, R. V. 2008. Forensic DNA Testing. California Bar Association Annual Meeting, September 27, Monterey, CA .
- Miller, R. V. 2008. DNA Testing and Analysis. Arizona Association of Licensed Private Investigators, Grand Canyon Conference October 4, Phoenix, AZ.
- Miller, R. V. 2008. Probative Value of DNA Testing of Shell Casings and Guns. Public Defenders Service 6<sup>th</sup> Annual Forensic Science Conference, June 14, Washington, D.C.
- Miller, R. V. 2007. Y-STRs: Utility, Limitations and Mutation Frequencies. NWAFS/Tri-State Division of IAI Joint Meeting, November 5, Salt Lake City, UT.
- Miller, R. V. 2006. Use of Ancestry and Behavioral DNA Profiles in Criminal Investigations. Nat. Conf. Science, Technology and the Law, November 4. St. Petersburg, FL.
- Miller, R. V. 2006. LCN (Low Copy Number) DNA. 91<sup>st</sup> Educational Conference, International Association for Identification, July 4, Boston, MA.
- Miller, R. V., P. Cochrane and S. Conn. 2006. DNA Testing Business Opportunities. Annual Conference, DATIA. June 2, Phoenix, AZ.
- Miller, R. V. 2005. Beyond CODIS: DNA Testing and Human Identification. NWAFS. Four-hour workshop at the Annual Conference, November 16, Seattle, WA.
- Miller, R. V. 2005. DNA Testing and Human Profiling. SWAFS. Four-hour workshop at the Annual Conference, October 18. Wichita, KS.
- Miller, R. V. 2004. DNA, Techniques for Identification of Man and Mold. Two hour workshop conducted for the Phoenix Chapter of the American Indoor Air Quality Council, Phoenix, AZ.

**Presentations in non-human genetics**

- Miller, R. V. 2004. The Changing Face of Mold in the Indoor Environmental Industry. Four hour workshop conducted for the San Francisco Chapter of the American Indoor Air Quality Council, Dublin, CA.
- Miller, R. V. and H. M. Ammann. 2004. Risk Assessment of Fungal Bioaerosols in Indoor Environments: Current Paradigms and Evolving Concepts. 5<sup>th</sup> International Bioaerosol Conference on Bioaerosols, Fungi, Bacteria, Mycotoxins and Human Health, Saratoga Springs.
- Arabzadeh, H., D. Fetveit, R. V. Miller and W. C. Collier. 2004. Nosocomial (Hospital-Acquired) Infections: The New Frontier for Industrial Hygienists. RT219, Roundtable discussion, American Industrial Hygiene Conference and Expo, Atlanta.
- Miller, R. V. 2004. Microbial Sampling Results – What Do They Really Mean? Iowa Chapter, American Indoor Air Quality Council, Des Moines.
- Miller, R. V. 2003. Mold: Biology, toxins, health effects, prevention and remediation. One-day course presented to the Los Angeles Unified School District, Los Angeles.
- Miller, R. V. 2003. Nosocomial Infections: Awareness of an Old Problem. 8<sup>th</sup> Annual New Mexico Environmental Health Conference, Albuquerque.
- Miller, R. V. 2003. Bioterrorism, Laboratory Preparedness. 8<sup>th</sup> Annual New Mexico Environmental Health Conference, Albuquerque.



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**Presentations (cont.):**

- Miller, R. V. 2003. Contemporary and Evolving Sampling and Laboratory Analyses for Bioaerosols in IAQ Investigations. 8<sup>th</sup> Annual New Mexico Environmental Health Conference, Albuquerque.
- Arabzadeh, H., W. Collier and R. V. Miller. 2003. Mold: Health Effects, Science and the Law. Roundtable discussion, American Industrial Hygiene Conference and Expo, Dallas.
- Miller, R. V., C. Martinez-Miller and J. Flemming. 2003. Efficacy of Human Lung Cells for Cytotoxicity Screening of Bioaerosols. Paper 98, American Industrial Hygiene Conference and Expo, Dallas.
- Miller, R. V. 2003. AeroSeminars: Advanced IAQ Techniques. Two-day course on advanced IAQ sampling, data interpretation, laboratory techniques, biology, human health effects, bioterrorism and nosocomial infections, Phoenix.
- Miller, R. V. 2003. Science Fundamentals for IAQ Professionals. Healthy Indoor Environments Conference and Exposition, Anaheim.
- Miller, R. V. and C. Martinez-Miller. 2002. Real-Time PCR Method for Detecting and Enumerating *Legionella* from Environmental Samples. Paper 118, American Industrial Hygiene Conference and Expo, San Diego.
- Arabzadeh, H., W. Collier and R. V. Miller. 2003. Mold: Health Effects, Science and the Law. University of California, Irvine Extension Service Seminar, Irvine.
- Miller, R. V. 2001. Molds and Mycotoxins in Indoor Environments: Health Effects, Testing Strategies, Data Interpretation and Risk Assessment. ASSE SeminarFest, Orlando.
- Miller, R. V. 2001. NSF International Pre-conference Workshop: IAQ Microbiology Investigation, Sampling, and Remediation, Miami.
- Miller, R. V. and C. Martinez-Miller. 2001. Rapid Identification of Indoor Molds to Species of Groups by Real-Time Polymerase Chain Reaction. Paper 153, American Industrial Hygiene Conference and Expo, New Orleans.
- Miller, R. V. 2001. Mycotoxins in Mold-Colonized Drywall Obtained from a Field Investigation. Paper 213, American Industrial Hygiene Conference and Expo, New Orleans.
- Miller, R. V., 2000. A Risk Assessment Model for the Evaluation of Fungal Exposure in Indoor Environments. 10<sup>th</sup> IUPAC Symposium on Mycotoxins and Phycotoxins, Brazil.
- Miller, R. V. 2000. Molds and Mycotoxins in Indoor Environments. One day seminar, Bolton, England.
- Miller, R. V. 1999. New Jersey Chapter of AIHA. Molds, Mycotoxins and Health Effects. Baskin Ridge, NJ.
- Miller, R. V. 1998. Lehigh Valley Section, AIHA. Molds and Indoor Air Quality: Fact or Fiction. Lehigh Valley, PA.
- Miller, R. V., M. K. McCarthy and D. C. Sands. 1994. Mutants of *Sclerotium rolfsii* for Use as Mycoherbicides. American Phytopathological Society, Nashville.
- Ford, E. J., H. Gray, R. V. Miller and D. C. Sands. 1993. Heterokaryosis and Sexual Outcrossing in the Homothallic Fungus, *Sclerotinia sclerotiorum*. 17<sup>th</sup> Fungal Genetics Conference, Asilomar, CA.
- Miller, R. V. 1993. Enhanced methods of mutagenizing filamentous fungi. 17<sup>th</sup> Fungal Genetics Conference, Asilomar, CA.
- Miller, R. V., K. A. Glass, M. K. McCarthy, E. J. Ford, D. Hess, D. W. Wells, and S. King. 1992. Efficacies of *Sclerotinia sclerotiorum* mutants for biological control of weeds. American Phytopathological Society, Portland, OR.



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**Presentations (cont.):**

- Ford, E. J., H. E. Casquilho, R. V. Miller, and D. C. Sands. 1992. First Report of Heterokaryon Formation in *Sclerotinia sclerotiorum*. American Phytopathological Society, Portland, OR.
- Hertoghe, C. A., R. V. Miller and D. C. Sands. 1992. Pathogenicity of Sclerotialess Mutants of *Sclerotinia sclerotiorum*. American Phytopathological Society, Portland, OR.
- Sands, D. C. and R. V. Miller. 1991. Genetic Containment Systems for Fungi. Workshop on Large Scale Use of Engineered Microbes. U.S. Environmental Protection Agency, Environment Canada, and the Maryland Biotechnological Institute, College Park, MD.
- Miller, R. V., E. J. Ford, D. C. Sands and C. A. Hertoghe. 1991. Virulence and Organic Acid Production by Mutants of *Sclerotinia sclerotiorum*. American Phytopathol. Society, St. Louis.
- Long, D. H., R. V. Miller, E. J. Ford and D. C. Sands. 1991. Linear Growth Analysis of *Sclerotinia sclerotiorum*; A Method for Predicting Formulation Parameters. American Phytopathol. Society, St. Louis.
- Sands, D. C., R. V. Miller and E. J. Ford. 1991. Biotechnological Approaches to Control of Weeds with Pathogens. Leafy Spurge Control – Coordination Planning Committee Meeting, U. S. Department of Agriculture, Agricultural Research Service, Minneapolis.
- Sands, D. C., R. V. Miller, E. J. Ford and K. A. Glass. 1991. Genetic Containment for Biocontrol Agents. Rhizobacteria – Prospects for Weed Management, Pullman, WA.
- Sands, D. C. and R. V. Miller. 1990. Genetic Containment for Biological Control Agents. American Phytopathological Society, Grand Rapids.
- Miller, R. V., E. J. Ford and D. C. Sands. 1987. Reduced Host-Range Mutants of *Sclerotinia sclerotiorum*. American Phytopathological Society, Cincinnati.
- Miller, R. V., E. J. Ford and D. C. Sands. 1987. Induced Auxotrophic and Non-sclerotial Isolates of *Sclerotinia sclerotiorum*. American Phytopathological Society, Cincinnati.
- Miller, R. V., E. J. Ford and D. C. Sands. 1986. Reduction of the Host Range of *Sclerotinia sclerotiorum* by Mutagenesis. 6<sup>th</sup> North American *Sclerotinia* Workshop., Saskatoon.
- Miller, R. V., T. Makino and D. C. Sands. 1985. A Possible Mechanism for the Origination of Avirulent Agrobacteria in Crown Galls. 6<sup>th</sup> Internat.I Conf. on Plant Path. Bacteria, Maryland.
- Miller, R. V., T. W. Carroll and D. C. Sands. 1983. Antiviral Chemotherapy of the Seedborne Virus, Barley Stripe Mosaic Virus. American Phytopathological Society, Ames, IA.
- Miller, R. V., W. W. Esty and D. C. Sands. 1982. A Mathematical Formula for Predicting Plasmid Loss. American Phytopathological Society, Salt Lake City.
- Miller, R. V., T. W. Carroll and D. C. Sands. 1981. The Possible Use of Barley Stripe Mosaic Virus to Assay for Antiviral Compounds. American Phytopathological Society, New Orleans.
- Miller, R. V., D. C. Sands, and G. A. Strobel. 1980. A Selective Medium for *Ceratocystis ulmi*. American Phytopathological Society, Minneapolis.
- Miller, R. V., D. W. Kellogg, V. D. Villa and E. E. Staffeldt. 1979. Evaluation of *Myrothecium verrucaria* as a Nutrient Source for Ruminants. American Dairy Science Assoc., Logan, UT.
- Miller, R. V., N. Schmidt, E. E. Staffeldt and B. C. Williams. 1976. Microbial Establishment in Coal Mine Spoils Exposed 1, 8 and 14 Years to Natural Arid Conditions. Southwestern and Rocky Mountain Division, American Association for the Advancement of Science, Phoenix.



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**Publications:**

- Miller, R. V. 2004. Step Up Response Times to Water Intrusions to Prevent Mold: High and Dry (and Mold-less). *Community Management* 12 (3):1-2.
- Miller, R. V. and H. M. Ammann. 2004. Risk Assessment of Fungal Bioaerosols in Indoor Environments: Current Paradigms and Evolving Concepts. *In* E. Johanning (ed.), 5<sup>th</sup> International Bioaerosol Conference on Bioaerosols, Fungi, Bacteria, Mycotoxins and Human Health, Saratoga Springs, NY, pp. 474-481.
- Miller, R. V. 2003. Understanding Mycotoxin Testing and Interpretation. *IAQ News*, 65.
- Day, D. W., M. J. Boss, R. V. Miller and C. Wrenn. 2003. Industrial Hygiene Sampling. *In* M. J. Boss and D. W. Day (ed.), *Biological Risk Engineering Handbook, Infection Control and Decontamination*. Lewis Publishers, Boca Raton, FL., pp. 39-70.
- Miller, R. V. and M. J. Boss. 2003. Biological Sampling and Lab Interpretations. *In* M. J. Boss and D. W. Day (ed.), *Biological Risk Engineering Handbook, Infection Control and Decontamination*. Lewis Publishers, Boca Raton, FL., pp. 71-96.
- Pleus, R. C., H. M. Ammann, R. V. Miller and H. Robles. 2003. Toxicology. *In* M. J. Boss and D. W. Day (ed.), *Biological Risk Engineering Handbook, Infection Control and Decontamination*. Lewis Publishers, Boca Raton, FL., pp. 97-110.
- Ammann, H., R. V. Miller, H. Robles, and R. C. Pleus. 2003. Risk Assessment. *In* M. J. Boss and D. W. Day (ed.), *Biological Risk Engineering Handbook, Infection Control and Decontamination*. Lewis Publishers, Boca Raton, FL., pp. 111-134.
- Miller, V. 2003. Understanding mycotoxin testing and interpretation: while the science regarding mold exposures is uncertain, the need to protect human health is not. *Occupational Hazards*, May, 2003.
- Miller, R. V. 2002. The Nature of Mycotoxins: Identification, Dissemination and Impact on Human Health. *COLUMNS – Mold* 1(11):2-3, 55-57.
- Miller, R. V. 2002. Sampling for Mycotoxins. *Mold Reporter* 2 (3).
- Miller, R. V. 2001. New Instrumental Technologies for Bioaerosol Detection and Quantification. *INvironment* vol. 7 no. 12
- Miller, R. V. 2001. Evolving PCR-Based Technologies for Bioaerosol Detection and Quantification. *INvironment* vol. 7 no. 10.
- Miller, R. V. 2001. Molds and Mycotoxins in Indoor Environments: Health Effects, Testing Strategies, Data Interpretation and Risk Assessment. *The Monitor*, Fall, 2001. American Society of Safety Engineers, Des Plaines, IL.
- Miller, R. V., C. Martinez-Miller, and V. Bolin. 2001. Application of a Novel Risk Assessment Model to Evaluate Exposure to Molds and Mycotoxins in Indoor Environments. *Second NSF International Conference on Indoor Air Health Proceedings*, NSF International, Ann Arbor, MI.
- Miller, R. V. 2001. Guidelines can Protect Your Firm from Mold-Contamination Headaches. *HPAC Engineering*, January 2001.
- Miller, R. V. 2000. The Potential Health Risk Posed by Endotoxins in Indoor Environments. *EH&S Solutions* 1(5):18. Environmental Information Association.
- Miller, R. V. 2000. A Risk Assessment Model for Mycotoxin-Producing Molds on Human Health in Indoor Environments. *EH&S Solutions* 1(4):1-4. Environ. Inform. Assoc.
- Miller, R. V., 2000. A Risk Assessment Model for the Evaluation of Fungal Exposure in Indoor Environments. *In* W. J. deKoe (ed.), *Mycotoxins and Phycotoxins in Perspective at the Turn of the Millennium*. International Union of Pure and Applied Chemistry, Wageningen, The Netherlands pp. 123-131.



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**Publications (cont.):**

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