August 2009 –

Grant Sawyer Center for Justice Studies, University of Nevada, Reno September 2000 – May 2001

Supervision of two undergraduate interns at the Grant Sawyer Center for Justice Studies.

Department of Psychology, University of Nevada, Reno

Full time (20 hour position)

August 1996 - May 1997

Supervision of the Introductory Psychology PSI testing lab, proctoring and grading unit, mid-term, and final exams, lecturing on specified topics, and grading term papers on lecture topics. Supervision of up to 15 undergraduate proctors, as well as proctoring responsibilities when necessary to meet work load.

Department of Sociology, University of Nevada, Reno

Full time (20 hour position)

August 1995 - May 1996

Proctoring and grading unit, mid-term, and final exams, lecturing on specified topics, and grading term papers on lecture topics.

Behavioral and Social Sciences, Kentucky

State University

Fall 2009 – present

<u>Responsibilities include:</u> Design and implement research projects to facilitate interdisciplinary student research skills; grant writing to obtain external support for research involving student research assistants; instructing students in research methodology and statistics in a practical setting.

Center for Research Design and Analysis, University of Nevada,

Reno

October 2008 – August 2009

Responsibilities included: Identifying potential grant funding sources; assisting CRDA director and Associate Director with all phases of project development and grant-writing, including project budgeting; grant writing and survey research methods consultant; production of project deliverables.

Grant Sawyer Center for Justice Studies, University of Nevada, Reno

May 2005 - June 2007

Co-PI and Project Director, "Science in the Law School Curriculum: The Diffusion of Practice Innovations after **Daubert v. Merrell Dow Pharmaceuticals, Inc.** National survey of law school professors sponsored by the National Science Foundation. Responsibilities included:

TJ52 nagement included 7.4 hiring, tra1 72.024 ing, and supervising the staff of interviewers and coders, data nalys is, and production of project deliverables.

- Grant Sawyer Center for Justice Studies, University of Nevada, Reno

Full time (20 hour) position January 1998 – May 2005

Research and administrative projects as assigned by the director. General administrative responsibilities include: assisting faculty and graduate students with grant writing in the broadly-defined area of justice studies; survey management, including training and supervision of survey staff and research assistants; project management; evaluation research; LEXIS searches; literature reviews; research development and implementation; survey design; data collection, including telephone interviewing; data coding and cleaning; data analyses; and report writing.

(June 2004 – June 2005) - "Volunteers in Misdemeanor Court." National evaluation project sponsored by The National Judicial College, Reno, NV. Responsibilities included: all phases of project management, design, and implementation, including supervision of staff, maintaining data quality, data analyses, and production of the final report.

(September - October 2003) - "Washington D.C. Court Improvement Project."

National Judicial College; The Federal Judicial Center; The Grant Sawyer Center for Justice Studies at the University of Nevada, Reno; The Permanency Planning for Children Department of the National Council of Juvenile and Family Court Judges; U.S. Department of Justice, Office of Justice Programs,

National Institute of Standards and Technology (Producer). (2013, June 4-5). **Cognitive Theoretical Perspectives in Studies of Forensic Document Examination**. [Video podcast]. Retrieved from http://www.nist.gov/oles/forensics/measurement-science-and-standards-in-forensic-handwriting-analysis-conference-webcast.cfm (see presentation reference below).

Dyer, A., Found, B., Merlino, M.L., Pepe, A.L., Rogers, D.K., & Sita, J. (2014). Eye movement evaluation of signature forgeries: Insights to forensic expert evidence. In Horsley, M.E., B. Knight, & R. Reilley (Eds.) **Current Trends in Eye Tracking Research.**

Merlino, M.L., Springer, V., & Sigillo, A. (2011). The social construction of the admissibility of most frequently-proffered varieties of expert testimony. In Epstein, J., and C. Henderson (Eds.) (pp. 1-20).

- Dobbin, S.A., Gatowski, S.I., Eyre, R.N., Dahir, V.B., Merlino, M.L., & Richardson, J.T. (2007). Federal and state trial judges on the proffer and presentation of expert evidence. Justice System Journal, 28(1), 1-15.
- Dahir, V.B., Richardson, J.T., Ginsburg, G.P., Gatowski, S.I., Dobbin, S.A., & Merlino, M.L. (2005). Judicial application of **Daubert** to psychological syndrome and profile evidence: A research note. **Psychology, Public Policy, & Law, 11(1),** 62-82.
- Richardson, J.T., Ginsburg, G.P., Dobbin, S.A., Gatowski, S.I., Dahir, V.B., & Merlino, M. (2003). Judges and epidemiological evidence. **Judicature**, **87**(1), 38-39.
- Merlino, M.L., Dillehay, R.C., Dahir, V., & Maxwell, D. (2003). Science education for judges: What, where, and by whom? **Judicature**, **86**(4), 210-213.
- Dobbin, S.A., Gatowski, S.I., Richardson, J.T., Ginsburg, G.P., Merlino, M.L., & Dahir, V. (2002). Applying **Daubert**: How well do judges understand science and scientific method? **Judicature**, **85**(5), 244-247.
- Dobbin, S.A., Gatowski, S.I., Ginsburg, G.P., Merlino, M.L., Dahir, V., & Richardson, J.T. (2001). Surveying difficult populations: Lessons learned from a national survey of state trial court judges. Justice System Journal, 22(3), 287-307.
- Gatowski, S.I., Dobbin, S.A., Richardson, J.T., Ginsburg, G.P., Merlino, M.L., & Dahir, V. (2001). Asking the gatekeepers: A national survey of judges on judging expert evidence in a post-**Daubert** world. **Law and Human Behavior**, **25**(5), 433-458.
- Davis, D., Follette, W.C., & Merlino, M.L. (1999). Seeds of rape: Female behavior is probative for females, definitive for males. **Psychological Expertise and Criminal Justice: A Conference for Psychologists and Lawyers.** (pp. 101-140). Washington D.C.: American Psychological Association.

E. Evaluation/Technical Reports

Merlino, M.L., Freeman, T. M., Springer, V., Dahir, V., Hammond, D., Dyer, A. D., Found, B.J., Smith, L., & Duvall, I. (November 29

Dobbin, S.A., Gatowski, S.I., Merlino, M.L., & Dahir, V. (2000). The results of pilot research aimed at expanding the scope and utility of judicial workload studies in child abuse and neglect cases.

- Merlino, M.L., Freeman, T.M., Springer, V., Dahir, V., Hammond, D., Dyer, A.D., & Found, B.J. (2014, February). Semantic content and signature process identification in single signature specimens. Paper presented at the 2014 Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA. Abstract retrieved from http://www.aafs.org/sites/default/files/2014/2014FinalProgram.pdf
- Merlino, M.L., Freeman, T.M., Springer, V., Dahir, V., Hammond, D., Dyer, A.D., & Found, B.J. (2014, February). **Sgnature type and complexity in questioned/ known signature comparison tasks.**Paper presented at the 2014 Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA. Abstract retrieved from http://www.aafs.org/sites/default/files/2014/2014FinalProgram.pdf
- Springer, V.A., Dahir, V.B., Merlino, M.L., & Freeman, T.M. (2014, February). Background, training, and experience of questioned document examiners: Phase I final report. Paper presented at the 2014 Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA. Abstract retrieved from http://www.aafs.org/sites/default/files/2014/2014FinalProgram.pdf
- Dahir, V.B., Merlino, M.L., Freeman, T.M., Springer, V., Hammond, D., Dyer A., Found, B., Russell, J.R., Perez, L.M., Clark, J., & Bell, V.J. (2014, February). Feature diagnostic value in questioned/ known signature comparison tasks. Paper presented at the 2014 Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA. Abstract retrieved from http://www.aafs.org/sites/default/files/2014/2014FinalProgram.pdf
- Pickett, M., Alexander, C.I., Smothers, S., Springer, V., & Merlino, M.L. (2013 February). Judicial Decision Making on the Admissibility of Forensic Document Examination Testimony: A Twenty-Year Review. Poster presented at the 2013 Annual Meeting of the American Academy of Forensic Sciences, Washington, D.C. Abstract retrieved from http://www.aafs.org/sites/default/files/pdf/ProceedingsWashingtonDC2013.pdf
- Springer, V.A., Dahir, V.B., Merlino, M.L., & Freeman, T.M. (2013, February). **U.S. Questioned Document Examiners: A Nationwide Survey of Background, Education, Training, and Experience.** Poster presented at the 2013 Annual Meeting of the American Academy of Forensic Sciences, Washington, D.C. Abstract retrieved from http://www.aafs.org/sites/default/files/pdf/ProceedingsWashingtonDC2013.pdf
- Merlino, M.L., Freeman, T.M., Springer, V., Dahir, V.B., Hammond, D.L., Dyer, A., & Found, B. (2013). Cognitive theoretical perspectives in studies of forensic document examination. Paper presented at the 2013 Annual Meeting of the American Academy of Forensic Sciences, Washington, D.C. Abstract retrieved from http://www.aafs.org/sites/default/files/pdf/ProceedingsWashingtonDC2013.pdf
- Merlino, M.L., Freeman, T.M., Dahir, V., Springer, V., Hammond, D., Dyer, A.D., & Found, B.J. (2012, August). Reliability and validity in forensic document examination: A demonstration and discussion of eye-tracking output. Paper presented at the Annual Meeting of the American Society of Questioned Document Examiners, Charleston, SC. Abstract retrieved from http://www.asgde.org/AGM/previous meetings/programs and abstracts/2012Abstracts.pdf

Merlino, M.L., & Freeman, T.M. (August, 2011). Validity, Reliability and Accuracy in Forensic Signature Identification: A National Study of Forensic Document Examination. Paper presented at the annual meeting of the American Society of Questioned Document Examiners, Philadelphia, PA.

Merlino, M.L., Freeman, T.M., Springer, V., Dahir, V., Hammond, D., Dyer, A.D., & Found, B.J. (July 2015). **Signature Type and Complexity in Questioned/ Known Signature Comparison Tasks.** Paper presented at the 2015 Meeting of NIST's International Symposium on Forensic Science Error Management—

- Paper presented at the annual meeting of the Law and Society Association, Denver, CO.
- Merlino, M.L., Domitrovich, S., & Richardson, J.T. (2009, May). Justice in the Eyes of the Beholder: bout the Use of Court-Appointed Experts. Paper presented at the annual meeting of the Law and Society Association, Denver, CO.
- Domitrovich, S., Merlino, M.L., & Richardson, J.T. (2009, May). **Court-Appointed vs. Privately-Retained Experts: Does Money Buy Justice?** Paper presented at the annual meeting of the Law and Society Association, Denver, CO.
- Merlino, M.L., Domitrovich, S., & Richardson, J.T. (2009)

 $Merlino,\,M.L.,\,Murray,\,C.l.,\,\&\,\,Richardson,\,J.T.\,\,(2006,\,March).\,\,\boldsymbol{S}$

- Tiemann, H.A., & Merlino, M.L. (2000, April).

 Marijuana Amendment. Poster presented at the annual meeting of the Rocky Mountain Psychological Association, Tucson, AZ.
- Merlino, M.L., & Tiemann, H.A. (2000, March). Sex Role Stereotypes and Severity of Sentence for Male vs. Female Defendants. Paper presented at the annual meeting of the Pacific Sociological Association, San Diego, CA.
- Gatowski, S.I., Dobbin S.A., Johnson, M.T., Cecil, J. S., Dahir, V., Merlino, M.L., Richardson, J.T., & Ginsburg, G.P. (2000, March). The experience of state trial court judges with respect to expert testimony: Problems encountered and solutions employed. Annual meeting of the American Psychology-Law Society, Division 41 of the American Psychological Association, New

Invited panel presentation at the meeting of the American Psychology

Title: "Validity, Reliability, Accuracy, and Bias in Forensic Signature Identification". PI: Mara L. Merlino, Ph.D.; Co-PI: Tierra M. Freeman, Ph.D.: Submitted to the National Institute of Justice, 4/16/2010; Requested: \$466,710; Funding status: funded, \$466,710.

Title: "Science in the Law School Curriculum: The Diffusion of Practice Innovations after **Daubert v. Merrell Dow Pharmaceuticals, Inc.**" PI: James T. Richardson, J.D., Ph.D.; Co-PI: Mara Merlino, M.A. (primary grant author); Submitted to the National Science Foundation, 8/15/04; Requested: \$270,669; Funding status: funded, \$244,996.

Title: "Doctoral Dissertation Research: Structural Independence of Administrative Adjudicators and Justice System Stakeholders' Views of Procedural Justice. Co-authored with PI: James T. Richardson, J.D., Ph.D.; Co-PI: Hon. Christopher McNeil; submitted to the National Science Foundation, 8/15/05; Requested, \$11,686; Funding status: funded, \$11,686.

Title: "Doctoral Dissertation Research: The Social Construction of the Admissibility of Ex