

Dean J. Bertram

Assistant Professor of Forensic Science
Department of Administration of Justice
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EDUCATION

The University of Southern Mississippi, Hattiesburg, Mississippi, Ph.D. Educational Leadership and Research, emphasis in Adult education. GPA: 3.94, 2009.

Master of Science, at the University of Southern Mississippi, Criminal Justice, Emphasis in Law Enforcement, Minor in Forensic Science. GPA: 3.90, 1994

Bachelor of Science, at the University of Southern Mississippi, Criminal Justice, Emphasis in Law Enforcement, Minor in Forensic Science. GPA: 3.80, 1992.

PROFESSIONAL EXPERIENCE

Instructor of Forensic Science program in the Department of Administration of Justice at The University of Southern Mississippi, Hattiesburg, Mississippi, Full-time 1994 to present. Courses taught include the Science of Fingerprinting, Introduction to Forensic Science, Fire Investigation, Crime Scene Documentation Canada Studies, Washington Field Studies, and Forensic Research.

President, KDL Solutions LLC – a Mississippi University Research Authority Company focused on researching, Forensic analysis, and product development beneficial to the field of forensic science.

Forensic science consultant for Ron Smith & Associates, Inc., based in Meridian, Mississippi. This company provides training, research, and consultation.

Director of the International Forensic Science Academy- This academy is a partnership with the Southern Regional Public Safety Institute. The academy is seven week long and prepares student to become a certified crime scene analysis.

Adjunct Instructor at the Columbia-Greene Community College, Hudson, New York, Division of Social Sciences, Criminal Justice. Courses taught include Community Policing, Fingerprint Identification and Criminal Investigation. May 1994 to present (summer sessions only).

The Frances A. Karnes Center for Gifted Studies, Summer Program for Academically Talented Youth at the University of Southern Mississippi, 2002.

Northwestern State Louisiana University, ADVANCE Program for Young Scholars, Instructor of Forensic Science, summer 1998 - present (summer sessions only).

Evidence Technician at the University of Southern Mississippi University Police Department, 1999 - 2001.

Director of Canada Studies Program, at the University of Southern Mississippi, Department of International Education 1994 - present.

Deputy Sheriff of Harrison County, Forensic Science Division, 2000 - 2008

Instructor, Mississippi Police Corps, The University of Southern Mississippi, First Academy Session, spring 1999 - present.

Columbia County Sheriff's Department, Hudson, New York. Part-time Deputy Sheriff, 1993. Sigma Alpha Epsilon Faculty Academic Advisor/Coordinator, 1994 - present.

Laboratory Coordinator at the University of Southern Mississippi, in the School of Polymer and High Performance Materials, Forensic Science Program, 1992 - 1994.

Resident Educational Advisor for Sigma Alpha Epsilon National Fraternity. Evanston, Illinois , 1992—1994.

Athletic Academic Tutor, at the University of Southern Mississippi, 1992 — present. Taconic Telephone Corporation, Summer employment, Ghent, New York , 1986 - 1994.

COMMITTEES

Chair of the Student Issue Committee of the International Association of Identification. Currently in charge of creating a student program for the upcoming IAI conference in Boston, Massachusetts in 2006.

Forensic Science Faculty Search Committee. Successfully chaired a search committee that lead to additional faculty hiring in fall of 2005. Currently chairing committee for 2006.

Nominated to the National Academy of Sciences Forensic Science Committee. This committee oversees \$1.5 million for the study of current issues in forensic science. Area of expertise is future uses of forensic science.

CURRICULUM DEVELOPMENT

Developed both bachelors and masters degree programs in forensic science for the University of Southern Mississippi, approved by the IHL in fall of 2005. There are currently over 150 students enrolled in the forensic science programs.

Developed and taught first ever course in Forensic Science for excelling high school students. ADVANCE Program at Northwestern State Louisiana University.

Developed and taught a National Criminal Justice Field Study, The University of Southern Mississippi. The study allows students the opportunity to interact and view the day-to-day operations of Federal law enforcement agencies in Washington, D. C.

Developed and taught the first-ever Canadian Studies Program in the field of Criminal Justice and Forensic Science in Montreal, Quebec City and Ottawa Canada, The University of Southern Mississippi. The study allows students the opportunity to compare and contrast the criminal justice system between their county and another.

Developed and taught at the Forensics Seminar at Sea, The University of Southern Mississippi. The study allowed students to attend lectures by well-known forensic experts in a unique setting.

Developed and taught a course in the field of forensic science entitled Crime Scene Documentation. The course is designed to give students hands-on experience (through lecture and lab) in processing a crime scene.

Developed Educational Manual of Sigma Alpha Epsilon National Fraternity. The manual instructs Resident Educators and Advisors how to counsel, motivate, and reward academic achievement. Parts of this manual were used in developing the Resident Advisor System that is now in place at The University of Southern Mississippi, Greek Life.

SPECIALIZED TRAINING

Attended the 2007 International Association for Identification Annual Conference in San Diego, California.

Attended the 2006 International Association for Identification Annual Conference in Boston., Massachusetts.

Attended the 2005 International Association for Identification Annual Conference in Dallas, Texas.

Attended the 2004 International Association for Identification Annual Conference in St. Louis, Missouri.

Attended the 2003 International Association for Identification Annual Conference in Ottawa, Canada.

Attended the 2002 International Association for Identification Annual Conference in Las Vegas, Nevada.

Graduate of the American Institute of Applied Science (Forensic Science), March 1999.

International Criminal Justice Study, Quebec, Canada, January 1998.

National Criminal Justice Study. Washington, D.C., summer 1997.

Seminar on Crime Scene Blood Evidence, Dr. Henry Lee: speaker, Mississippi Division of the International Association for Identification. Biloxi, Mississippi. March 1997.

New York State Arson Photography School, Academy of Fire Science, Watkins Glen, New York. Summer 1995.

Graduate of New York State Arson Investigation Academy, Academy of Fire Science, Watkins Glen, New York, Summer 1995.

Southwestern Association of Forensic Scientists Convention, Topics included glass reconstruction, microcrystalline testing, alcohol and drug testing, and courtroom testimony. November 1994.

Basic Latent Lifters' Course, Division of Criminal Justice Services, State of New York. June 1993.

Basic Law Enforcement Photography, Polaroid School of Law Enforcement Imaging. July 1993.

HONORS, ACHIEVEMENTS, and ACTIVITIES

Inaugural Innovators Hall of Fame Awards Gala, eight companies were awarded as Mississippi ventures to watch.

Keynote Speaker for The National Science Symposium October, 2007

The university of Southern Mississippi Young Alumnus of the year 2006. Given to one alumnus under the age of forty for their contributions to the University.

Distinguished Instructor for Mississippi Police Corp., 2003

Who's Who Among America's Teachers, 1998, 2004

Distinguished Faculty in the field of Criminal Justice, 1998.

NYS Fire Academy, Graduated first in class, 1995.

Sigma Alpha Epsilon Alumni of the Year Award, 1994.

Forensic Science Lab Assistantship, 1992 - 1994.

Criminal Justice Association, The University of Southern Mississippi, 1988 - 1994.

Sigma Alpha Epsilon, Intramural and Philanthropy Chairman, 1990 -1992.

The University of Southern Mississippi Alumni Association (life member), 1992.

The University of Southern Mississippi Eagle Club member (Athletic Booster Club) 1992 - present.

Omicron Delta Kappa Honor Society, 1992.

J. Edgar Hoover Scholarship Award, 1991.

Sigma Alpha Epsilon Pledge of the Year Award, 1990.

Golden Key Honor Society, Inducted 1990.

Greeks for Academic Excellence, 1990.

National Honor Society, 1988.

RESEARCH ACTIVITIES

Presented a paper on the topic of Confirmation Bias and Form Blindness at the International Association for Identification Conference in Boston, Massachusetts, August 2006

Presented a paper on the topic of Confirmation Bias at the International Association for Identification Conference in San Diego, California, August 2007

Presented a paper on the topic of *Confirmation Bias* at the International Association for Identification Conference in Dallas, Texas, August 2005.

Presented a paper on the topic of forensic science education at the International Association for Identification Conference in St. Louis, Missouri, August 2004.

Presented a paper on the topic of *Form Blindness* and its effects on the ability of potential Latent Fingerprint Examiner at the International Association of Identification Conference in Las Vegas , Nevada , August 2002. The article was published March 2003 in the journal of *Forensic Identification and The Mississippi Academy of Sciences*.

Filed a patent in October 2003. Tissue Rehydration for Decomposed Friction Skin Ridges. Sold patent pending solution in May 2004 to an International Medical Supply Company.

Developed a Forensic Identification Program for South Mississippi, incorporating local and State law enforcement with The University's Forensic Science Program.

FUNDING

PI on a \$2 million Department of Justice Grant for the forensic science program at the University of Southern Mississippi in 2006.

PI on a \$400,000 Grant from The office of homeland security 2008/2009

Raised over \$100,000 of pledged contributions for The University of Southern Mississippi Foundation for scholarships. I am currently an Honor Club member of the university foundation.

Raised over \$100,000 for developmental account from 2000-present

Obtained over \$100,000 in equipment from 2006-present

Raised over 5,000 in donations for the USM research foundation