

**CURRICULUM VITAE**  
**GREGORY G. DAVIS, M.D., M.S.P.H.**

**PERSONAL INFORMATION**

Name: Gregory George Davis  
Rank/Titles: Professor of Pathology, University of Alabama at Birmingham  
Director, Forensic Division, Department of Pathology, UAB  
Chief Coroner/Medical Examiner, Jefferson County  
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**HOSPITAL AND OTHER (NON-ACADEMIC) APPOINTMENTS**

1993- Consulting staff, University of Alabama Hospital  
1993-2013 Associate Coroner/Medical Examiner, Jefferson County, Alabama  
2013- Chief Coroner/Medical Examiner, Jefferson County, Alabama

**PROFESSIONAL CONSULTANTSHIPS**

2000-4 Consultant to the Crash Injury Research Engineering Network (CIREN) program at UAB. (CIREN is a multi-center research program initiated by the National Highway Traffic Safety Administration (NHTSA). Mercedes sponsored UAB program.)  
2005 Consultant to the Prescription Drug Research Center (PDRC) LLC and Bensingier DuPont Associates in their study assessing the non-medical use, abuse, or diversion of fentanyl preparations.  
2010-5 Consultant to the Crash Injury Research Engineering Network (CIREN) program at UAB. (NHTSA supports CIREN through a competitive grant process.)  
2012 Consultant to the Smithsonian Institute for Smithsonian Channel television production "Forensic Firsts: Forensic Pathology."  
2014-5 Consultant to National Center for Health Statistics (NCHS) on conference call with other federal agencies on investigation and certification of drug-related deaths.  
2016 Consultant to Centers for Disease Control (CDC) on conference call and June meeting with other forensic practitioners and federal agencies on death scene investigation and certification of deaths in disasters. See work product at <https://www.cdc.gov/nchs/data/nvss/vsrg/vsrg01.pdf>  
2018 Consultant to Centers for Disease Control (CDC) on conference calls and writing and review of Reference Guide for Certification of Drug Intoxication Deaths. See work product at <https://www.cdc.gov/nchs/data/nvss/vsrg/vsrg02-508.pdf>  
2018 Consultant to Bureau of Justice Statistics and RTI International as part of team interviewed to test a draft Census of Medical Examiner and Coroner Offices.  
2018- Consultant to Centers for Disease Control (CDC) in meetings on developing interactive databases that will link health departments and death investigation offices (outgrowth of work supported by Grant No. 200-2017-96264; attended Implementers

Community meetings at Georgia Tech Research Institute in May 2018, February 2019, and September 2019; work with contractor Synchrogenix in 2019 on data analysis).  
 2019-20 Consultant to RTI International as lead writer of position paper on investigating and certifying opioid and other drug deaths for the National Association of Medical Examiners. See product at <https://www.thename.org/assets/docs/Opioid%20position%20paper%20Final%2012-17-2019.pdf>

**EDUCATION**

<u>Institution</u>	<u>Degree</u>	<u>Year</u>
Vanderbilt University	B.A.	1983
Vanderbilt University	M.D.	1987
University of Alabama at Birmingham	M.S.P.H.	2001

**LICENSURE**

1989 Tennessee (No. MD 19586; 03/22/1989, expires 02/28/2022)  
 1993 Alabama (No. 17494; 07/28/1993, expires 12/31/2021)

**NPI** 1407884430  
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**BOARD CERTIFICATION**

Diplomate, American Board of Pathology (Board No. 9126)  
 1993 Anatomic and Clinical Pathology (Lifetime certificate No. 93-341; 11/03/1993)  
 1994 Forensic Pathology (Lifetime certificate No. SQ-94-038; 05/31/1994)

**POSTDOCTORAL TRAINING**

<u>Year</u>	<u>Degree</u>	<u>Institution</u>
1987-92	Pathology Residency	Vanderbilt University
1992-3	Forensic Pathology Fellowship	San Diego Medical Examiner's Office

**ACADEMIC APPOINTMENTS**

<u>Year</u>	<u>Rank/Titles</u>	<u>Institution</u>
1993-2000	Assistant Professor of Pathology	University of Alabama at Birmingham
2000-10	Associate Professor of Pathology	University of Alabama at Birmingham
2000-	Tenure	University of Alabama at Birmingham
2010-	Professor of Pathology	University of Alabama at Birmingham
2013-	Director, Forensic Division	University of Alabama at Birmingham

**AWARDS AND HONORS**

2006 UAB Argus Society Award, Excellence in Teaching 2005-6  
 2013 National Association of Medical Examiners, President's Award (for service to NAME)  
 2015 National Association of Medical Examiners, Outstanding Service Award  
 2016 American Academy of Forensic Sciences, Pathology/Biology section, Milton Helpem Award for outstanding contributions to forensic pathology.  
 2019 Alpha Omega Alpha, elected to membership.

## **PROFESSIONAL SOCIETIES**

- 1995- American Academy of Forensic Sciences
  - 1995-7 Provisional Member
  - 1997-2002 Member
  - 2002- Fellow
- 1995- National Association of Medical Examiners
- 1995- American Society for Clinical Pathology
- 1995- College of American Pathologists
- 1998- United States and Canadian Academy of Pathology
- 2006- American Medical Association

## **COUNCILS AND COMMITTEES**

### **Advancing Sight (formerly Alabama Eye Bank)**

- 2014- Member, Board of Trustees.

### **American Academy of Forensic Sciences**

- 1999-2001 Member, Pathology/Biology Research Committee.
- 2000-1 Program Director, Scientific Sessions, Pathology/Biology Section, 2001 meeting.
- 2001 Member, Program Committee, Scientific Sessions, Pathology/Biology Section, 2002 meeting.
- 2001-4 Chair, Pathology/Biology Research Committee, (three-year term).
- 2002 Member, Program Committee, Scientific Sessions, Pathology/Biology Section, 2003 meeting.
- 2002-3 Secretary, Pathology/Biology Section, 2002 meeting to 2003 meeting.
- 2002-4 Member, Continuing Education Committee.
- 2003-4 Chair, Pathology/Biology Section, 2003 meeting to 2004 meeting.
- 2004-5 Member, Nominating Committee, 2004 meeting to 2005 meeting.
- 2004-5 Co-chair, Plenary Session, for 2005 meeting and 2006 meeting.
- 2004-7 Member, Pathology/Biology Research Committee.
- 2005-6 Chair, Plenary Session, for 2006 meeting.
- 2009-13 Member, Board of Trustees, Forensic Sciences Foundation.
  - 2010-3 Member, Student Travel Grant Committee.
- 2011-6 Member, Board of Directors, American Academy of Forensic Sciences.
- 2012- Member, ad hoc committee for Forensic Science in Focus Book Project with Wiley-Blackwell, Publishers.
- 2014-5 Member, Program Committee (for 2015 meeting), Chair, Workshops.
- 2014-20 Member, Long Term Planning Committee.
- 2015-6 Co-chair, Luncheon Seminars for 2016 meeting.
- 2015-7 Member, Working Group to review aspects of *Journal of Forensic Sciences*. Included one meeting in Chicago.
- 2016-7 Chair, Luncheon Seminars for 2017 meeting.
- 2019-20 Co-chair, Annual meeting program.
- 2019-21 Member, Membership Outreach ad hoc committee (includes reception and special events sub-committee, meeting opportunities and promotion requirements sub-committee, social media and website sub-committee, and AAFS connect sub-committee)

2020-1 Chair, Program for 2021 annual meeting program.

### **American Board of Pathology**

2005-12 Member, Forensic Pathology Test Development and Advisory Committee.  
2016- Member, Anatomic Pathology CertLink Test Development and Advisory Committee  
2020 Invited participant, Cooperating Societies Meeting/Summit on future directions of graduate medical education in pathology. Participated in discussion on role of autopsy in residency training.

### **American Society for Clinical Pathology**

2005-11 Member, Check Sample Committee.  
2008-10 Designated representative of Check Sample Editor, Matrix meeting.  
2009 Designated representative of Check Sample Editor, Commission on Assessment meeting.  
2009-10 Indexer, Asset Library project.  
2011-7 Chair, ASCP Case Reports Committee (formerly Check Sample Committee).  
2017-21 Pathologist At-Large Director, Board of Directors.  
2018-21 Member, Bylaws committee.  
2020- Member, Commission on Science, Technology, and Public Policy.

### **Association of Pathology Chairs**

2014-8 Co-chair, Autopsy Working Group, Program Directors Section (PRODS) of Association of Pathology Chairs.

### **College of American Pathologists**

2005- Member, CAP Spokespersons Network.  
2007-12 Member, CAP Forensic Pathology Resource Committee.  
2008- Liaison representative to National Association of Medical Examiners.  
2009-12 Editor, forensic pathology continuing education series (FR series).  
2013-8 Member, CAP Curriculum Committee.  
2013 Member, team developing course in negotiation techniques for pathologists.  
2017-8 Member, team developing presentations for pathologist wellness.

### **National Association of Medical Examiners**

1997-9 Member, Education, Program, and Publications Committee.  
1997-9 Member, Subcommittee for Journal of NAME.  
1998-9 Member, Death Subcommittee and Standards and Design Subcommittee, Panel to Evaluate U.S. Standard Certificates, 1998-9 revision. (Represented National Association of Medical Examiners. Revision sponsored by National Center for Health Statistics.)  
1999 Member, Subcommittee for Awards.  
2000-2 Member, ad hoc Committee for an Electronic Editorial Board/NODIA.  
2000-2 Chair, ad hoc Committee on Financial Capacity Enhancement and Research.  
2002-13 Member, Education, Program, and Publications Committee.  
2002-13 Chair, Subcommittee for Journal of NAME.  
2004-13 Chair, Subcommittee on Position Papers.

- 2005-10 Member, Board of Directors.
- 2006-8 Liaison, Intersociety Pathology Council, representing National Association of Medical Examiners.
- 2008-12 Liaison representative to College of American Pathologists.
- 2008 Member, Program committee, 2008 annual meeting.
- 2010 Member, ad hoc Research committee
- 2010 NAME/Research Triangle Industries Education Planning Meeting, Chicago. Meeting of members of Education, Program, and Publications committee with RTI members to plan Web-based instruction for death investigators.
- 2010-1 Chair, ad hoc Journal Approval Committee (review and negotiate terms of contract and memorandum of understanding between NAME and Academic Forensic Pathologists, Inc., reporting to NAME Executive Committee).
- 2011 Member, Nominating committee.
- 2012-3 NAME chair, National Association of Medical Examiners and American College of Medical Toxicology Expert Panel on Evaluating and Reporting Opioid Deaths, funded by CDC (contract No. 00HCUD3-2011-99784).
- 2013 Vice-President
- 2013-5 Member, Strategic Planning committee.
- 2013 Member, ad hoc EVP Position 5-Year Review committee.
- 2014 President
- 2015 Chair, Board of Directors
- 2016 Member, Nominating committee.
- 2016- Member, ad hoc Government Affairs committee
- 2017- Member (representing NAME), Steering Committee, Multi-institutional Multi-disciplinary Injury Mortality Investigation in the Civilian Pre-Hospital Environment research project (MIMIC).
- 2017 Member (representing NAME), at stakeholder meeting on Improving the Completeness and Specificity of Drug Information on Death Certificates. Meeting convened by Association of State and Territorial Health Officials (ASTHO).
- 2017 Invited expert (representing NAME), testified with Mary Ann Sens at hearing convened by National Committee on Vital and Health Statistics (NCVHS) to discuss how to improve death certification process in United States (“Next Generation Vital Statistics”).
- 2018 Member, Inspection and Accreditation Committee Assessment team reviewing state of medicolegal death investigation in Kansas (at request of Kansas Department of Health and Environment).
- 2018-20 Chair, Expert Panel on Evaluating and Reporting Opioid and Other Drug Deaths.
- 2020- Member, Awards Committee.
- 2021- Consultant to Dr. Suzanne Utley, lead author of a position paper on mass disaster management. NAME and Dr. Utley asked me to guide this process with counsel as needed, given my success in leading position paper processes for NAME in the past.

**National Institutes of Health**

- 2012 member, grant review committee for National Heart, Lung, and Blood Institute

### **National Institute of Justice**

- 2010 Moderator, session on “Leveraging R&D and Technology in the Death Investigation Community” at Forensic Death Investigation Symposium.
- 2010-1 ad hoc member, grant review committee.
- 2013 ad hoc member, grant review committee.
- 2016 Moderator and participant, International Forensic Radiology Research Summit, Amsterdam. Sponsored by National Institute of Justice and Netherlands Forensic Institute. Facilitated discussion of challenges and research priorities in creating a research agenda.
- 2017 ad hoc member, grant review committee on proposals for public health response to increase in opioid overdoses and deaths.
- 2018 Invited participant, Medicolegal Death Investigation Stakeholders Meeting and Department of Justice Needs Assessment of Forensic Laboratories – Medicolegal Death Investigation. Meetings held to discuss future needs of death investigation community for both practice and research.
- 2018 Invited participant, Prescription Drug Monitoring Program and Medical Examiner/Coroner meeting. Presented “Overview of Medical Examiners/Coroners.”
- 2018 Invited participant, Workshop on New Psychoactive Substances – Postmortem Toxicology and Medicolegal Death Investigation Considerations. Presented “Medicolegal Death Investigation Considerations” to audience of forensic toxicologists and representatives of federal agencies that depend on data from death investigations (e.g. Centers for Disease Control, National Highway Traffic Safety Administration).
- 2019 grant reviewer, proposals for community response to counteract increase in opioid overdoses and deaths.
- 2020 grant reviewer, Paul Coverdell grant proposals.

### **National Institute of Standards and Technology**

- 2014-9 Member, Organization of Scientific Area Committees for Forensic Science (OSAC)
- 2014-9 Member, Forensic Science Standards Board
- 2015-6 Member, QIC Procedures Task Group
- 2016-8 Member, OSAC Leadership Strategy Session Foundation Task Group
- 2014-9 Chair, Crime Scene/Death Investigation Scientific Area Committee
  
- 2017 Invited participant, Joint Workshop to Coordinate Research and Standards to Combat the Novel Psychoactive Substances (NPS) Epidemic (joint workshop of NIST and NIJ).
- 2020-1 Worked to achieve endorsement of forensic science standards by the National Association of Medical Examiners at request of NIST representative. NAME endorsed concept of forensic science standards in a position statement endorsed by NAME’s Executive Committee in 2021.

### **North American SUDEP Registry (Sudden Unexpected Death in Epilepsy)**

- 2014- member, Advisory Committee

### **National Science Foundation**

2015 ad hoc reviewer, I/UCRC program

### **United States and Canadian Academy of Pathology**

2013-5 reviewer, abstracts designated for autopsy section for annual meetings

### **UNIVERSITY ACTIVITIES**

- 1993- Forensic pathologist performing autopsies for Jefferson County Coroner/Medical Examiner Office, performing 4283 autopsies and 1745 external examinations in Jefferson County as of 2021 March 1.
- 1993- Qualified as an expert in forensic pathology in courts in Alabama, California, and Florida. Testified as expert witness in 396 trials (criminal and civil) as of 2021 March 1.
- 1994-2001 Member, Residency Selection Committee, Department of Pathology.
- 1996-9 Member, Information Services Advisory Group, Department of Pathology.
- 1996 Integration of Department Functions Strategic Planning Work Group, Department of Pathology.
- 1999 Chair, ad hoc Committee to Enhance Resident Recruitment, Department of Pathology.
- 2004-14 Director, Fellowship training program in forensic pathology.
- 2005-15 Member, Residency Selection Committee, Department of Pathology (co-chair 2012).
- 2012-5 Assistant Director, Graduate Medical Education, Department of Pathology.
- 2012-4 Member, Liaison Committee on Medical Education, member Facilities sub-committee; worked on E6 component with Scott Buchalter and Craig Hoesley.
- 2013-6 Chair, Clinical Competence Committee, Department of Pathology.
- 2013-6 Chair, Program Evaluation Committee, Department of Pathology.
- 2013- Advisor (Anatomic Pathology), Pathology Interest Group (medical student group)
- 2014- Member, Clinical Competence Committee, Forensic Division, Pathology Department
- 2014- Member, Program Evaluation Committee, Forensic Division, Pathology Department
- 2016- Director, Robert M. Brissie Memorial Lecture series (lectures sponsored by Alabama Eye Bank).
- 2019 Member, Departmental Search Committee for the C. Bruce Alexander Endowed Professorship Chair in Pathology.
- 2019 Judge, School of Public Health Research Poster Day (as an alumnus).
- 2019 Member, Departmental Search Committee for the Jay McDonald Endowed Professorship in Laboratory Medicine.
- 2020 Mock interviewer, Medical Student Services, School of Medicine.
- 2020 Interviewer, Department of Pathology interviews for 2021 resident physicians. Helped develop structured portion of interview and then served as an interviewer during the structured portion of the applicants' interviews.

### **EDITORIAL BOARD MEMBERSHIPS**

#### ***Academic Forensic Pathology***

2011-2015 Board of Editors

#### ***American Journal of Forensic Medicine and Pathology***

1998-2010 Board of Editors

### ***ASCP Case Reports***

- 2005-2011 Co-editor, Forensic Pathology section, Check Sample series, American Society for Clinical Pathology.  
2011-2017 Executive Editor, ASCP Case Reports (formerly Check Sample), American Society for Clinical Pathology.

### ***Journal of Forensic Sciences***

- 1999-2001 Guest editor  
2001-2021 Board of Editors  
2015-2019 Book Review Editor  
2018-2020 Member, Strategic Planning Committee. Includes meetings in Chicago (2018) and Minneapolis (2019). Subsequent meetings held during annual meeting of American Academy of Forensic Sciences.

### ***Forensic Science, Medicine, and Pathology***

- 2005-2007 Guest editor  
2007- Board of Editors

### **Guest editor work**

- 1999 *Southern Medical Journal*.  
2002 *American Journal of Clinical Pathology*.  
2003 *Child Abuse and Neglect*.  
2005 *JAMA*.  
2006 *Forensic Science International*.  
2019 *Public Health Reports*.  
2021 *Modern Pathology*.  
2021 *Academic Pathology*.  
2021 *Journal of Forensic Sciences*.

### **MAJOR RESEARCH INTERESTS**

I apply my training in biostatistics and epidemiology to the study of cases where death occurs suddenly in patient populations of interest to both forensic pathologists and clinicians. I am particularly interested in whether a history of cocaine or opioid use is associated with an increased risk of death, even after the drug is no longer detectable in blood.

### **TEACHING EXPERIENCE**

#### **at University of Alabama at Birmingham**

- 1994- Faculty, Forensic Division, teaching forensic pathology fellows.  
1994-5 Inas Yacoub  
1996-7 Andrew Falzon  
2001-3 Elizabeth Miller (fellowship included year of research)  
2003-4 Amy Gruszecki  
2006-7 Owen Middleton  
2008-9 Daniel Dye  
2009-10 Diane Peterson



2013-4 Daniel Atherton  
2015-6 Matthew Cain  
2016-7 Brandi M<sup>c</sup>Cleskey  
2019-20 Farnaz Khalafi

1994-2006 Lecturer, Environmental Pathology, Medical General Pathology course.

1994-2014 Director, Didactic Lecture Series on Forensic Pathology.

(One hour lectures given to pathology residents at University of Alabama at Birmingham. Topics include identification of remains, postmortem change, blunt force injury, sharp force injury, gunshot wounds, asphyxia, burns, electrocution, ethanol and drug abuse, interaction of medicine and law in court, investigation of sudden infant death and child abuse, how to present and write effectively, and basic markers of progress for an academic career.)

1995 Guest lecturer, undergraduate course "Questioned Death Investigation." Discussed sharp force injury and asphyxia.

1997-2009 Mentor, Medical School Mentoring Program. Program ended in 2009.

1998 Guest lecturer, Jay Glass graduate course "Death Investigation." Discussed postmortem change and identification of remains.

1998 Guest lecturer, Ray Liu undergraduate course "Introduction to Forensic Sciences." Presented "Introduction to Forensic Pathology."

1998 Guest lecturer, Ray Liu graduate seminar in Forensic Science; presented "Introduction to Forensic Pathology."

2000-14 Lecturer, Environmental Pathology, Dental Optometry General Pathology course.

2004-14 Guest lecturer, JS 670 graduate seminar "Elements of Forensic Science." Present "Introduction to Forensic Pathology."

2006-14 Lecturer, Environmental Pathology, Fundamentals II, medical school curriculum.

2011 Panelist, discussion of film "Not My Son" following screening of film at Public Health Students Association movie night. Film depicts violence as a public health problem and looks at effect of homicides on the relatives of decedents.

2012-3 Guest lecturer, medical student elective "Leadership and Professionalism." Discussed death certification. In 2012 assisted in role playing for asking permission to autopsy.

2014- Guest lecturer, EPI 603 Injury-Epidemiologic Principles and Prevention Strategies. Present "Role of Medical Examiner in Death Investigation and Certification."

2017 Moderator and grader, Fundamentals of Medicine, Anatomy/Pathology Group presentations on microscopic examination of lesions discovered in anatomy lab.

2018 Judge, Pathology Trainee Research Day, afternoon poster session.

2018 Judge, Public Health Ninja Warrior Challenge, The Opioid Crisis Challenge, poster session (Max Michael, course director).

2019 Lab review leader, Fundamentals of Medicine, Block 4, Cell Injury and Cell Death-Case-Based Instruction/Learning.

#### **Dissertation and thesis committees**

1994-5 Amy C. Gruszecki (M.S. in Forensic Science)

Correlation of the incidence of cocaine and cocaethylene in hair and postmortem biological samples.

Thesis defended and M.S. conferred: 1995

- 2001-3 Jacquelyn M. Lyman (Ph.D. in Epidemiology)  
 Department of Epidemiology, School of Public Health  
 Epidemiology of homicide in children age five years or younger in the state of Alabama.  
 Dissertation defended and Ph.D. conferred: 2003
- 2008-9 John Booth (M.S.P.H. in Epidemiology)  
 Department of Epidemiology, School of Public Health  
 Hyperthermia deaths among children in parked vehicles: an analysis of 231 fatalities in the United States, 1999-2007.  
 Thesis defended and M.S.P.H conferred: 2009
- 2010-1 Russell Griffin (Ph.D. in Epidemiology)  
 Department of Epidemiology, School of Public Health  
 The effect of an inclusive trauma system on homicide rates in an urban population.  
 Dissertation defended and Ph.D. conferred: 2011
- 2012-3 Nathaniel Lane Wade (M.P.A. in Public Administration)  
 Department of Government, UAB  
 Documenting Death: Transitioning from a Coroner System to a Medical Examiner System in Jefferson County, Alabama.  
 Thesis defended and M.P.A. conferred: 2013.

**at other universities**

- 1995-2016 Invited lecturer, Cumberland School of Law, annual presentation to class of Professor Robert J. Goodwin, course on Scientific Evidence in Criminal Cases; subject is role of forensic pathologist. Discuss differences between coroner and medical examiner systems and techniques of death investigation. (Professor Goodwin retired in 2017.)
- 2003-14 Invited lecturer, Cumberland School of Law, annual participation in course on Advance Skills in Trial Advocacy. Serve as expert witness in mock trial.
- 2003 Invited lecturer, University of Alabama School of Law, presentation to class of Professor Robert J. Goodwin (on leave for semester from Cumberland School of Law), course on Scientific Evidence in Criminal Cases; same as Cumberland lecture.
- 2004-14 Invited lecturer, Samford University, presentation to class of Dr. Jonathan Davis, course on Death and Dying; subject is role of forensic pathologist in death investigation and in interacting with family and legal system.
- 2007 Invited lecturer, Cumberland School of Law, presentation to class of Professor Robert J. Goodwin, course on Scientific Evidence in Criminal Cases; subject is application of forensic pathology in court. Lecture given with Roger Brown, former First Assistant District Attorney, Jefferson County, Alabama.

**MAJOR LECTURES AND VISITING PROFESSORSHIPS**

- 1995-7 Invited lecturer, Vanderbilt University Department of Pathology; discussed various topics in forensic pathology (postmortem change and identification of remains, blunt force injury, sharp force injury, gunshot wounds, asphyxia, burns, electrocution,

- ethanol and drug abuse, industrial accidents, medical evaluation of sudden infant death, interaction of medicine and law with discussion of chain of evidence.
- 1996 Lecture, interim meeting of National Association of Medical Examiners, Nashville, Tennessee. Presented “History of the Determination of Manner of Death.”
- 1999 Invited lecturer, Vanderbilt University Department of Pathology Grand Rounds. Presented “Railway Deaths in Jefferson County, Alabama.”
- 2007 Invited lecturer and judge, University of Arkansas for Medical Sciences, Department of Pathology, Residents’ Research Symposium. Presented microscope slide conference and lectured on “The Community Pathologist,” concerning the necessity for a pathologist to be a responsible, giving member of the community in which he lives and works.
- 2010 Invited lecturer, University of Florida, Department of Pathology. Presented microscope slide conference and lectured on “Forensic Pathology in Hospital Practice” and “Practicing Pathology in Litigious Times.”
- 2012 Invited lecturer, University of New Mexico, Office of the Medical Investigator. Presented “Practicing Medicine in Court.”

## GRANT SUPPORT

- 2010-5 The University of Alabama at Birmingham (UAB) Crash Injury Research and Engineering Network (CIREN) Center. National Highway Traffic Safety Administration (NHTSA) Cooperative Agreement Program Number DTNH22-10-R-00315, 06/11/2010 – 05/31/2015.  
Role: Consultant
- 2017-8 *Proposal for Developing Data Standards and Data Access Mechanisms to Help Medical Examiners and Coroners Share Critical Information for Deaths of Public Health Importance.* Centers for Disease Control and Prevention, Grant No. 200-2017-96264, 10/01/2017 – 06/30/2018, \$6,090  
Role: Principal investigator

## BIBLIOGRAPHY

### *Manuscripts published*

1. Distelrath LM, Reilly PEB, Martin MV, **Davis GG**, Wilkinson GR, Guengerich FP. Purification and characterization of the human liver cytochromes P-450 involved in debrisoquine 4-hydroxylation and phenacetin O-deethylation, two prototypes for genetic polymorphism in oxidative drug metabolism. *J Biol Chem* 1985;260(15):9057-67. [link](#)
2. Nicotera P, Hartzell P, **Davis G**, Orrenius S. The formation of plasma membrane blebs in hepatocytes exposed to agents that increase cytosolic Ca<sup>2+</sup> is mediated by the activation of a non-lysosomal proteolytic system. *FEBS Lett* 1986;209(1):139-44.
3. **Davis GG**, York JC, Glick AD, McCurley TL, Collins RD, Cousar JB. Plasmacytic differentiation in parafollicular (monocytoid) b-cell lymphoma. *Am J Surg Pathol* 1992;16(11):1066-74. [link](#)
4. Lozinski GM, **Davis GG**, Krous HF, Billman GF, Shimizu H, Burns JC. Adenovirus myocarditis: Retrospective diagnosis by gene amplification from formalin-fixed, paraffin-embedded tissues. *Hum Pathol* 1994;25(8):831-4. [link](#)
5. **Davis GG**, Swalwell CI. Acute aortic dissections and ruptured berry aneurysms associated with methamphetamine abuse. *J Forensic Sci* 1994;39(6):1481-5. [link](#)

6. **Davis GG**, Swalwell CI. The incidence of acute cocaine or methamphetamine intoxication in deaths due to ruptured cerebral (berry) aneurysms. *J Forensic Sci* 1996;41(4):626-8. [link](#)
7. **Davis GG**. Lymphocytic hypophysitis, adrenal insufficiency, and sudden death. *ASCP Check Sample* 1996; FP 96-08(FP-219). Chicago, Illinois: American Society for Clinical Pathology.
8. **Davis GG**. Mind Your Manners Part I: History of death certification and manner of death classification. *Am J Forensic Med Pathol* 1997;18(3):219-23. [link](#)
9. **Davis GG**, Alexander CB, Brissie RM. A 15-year review of railway-related deaths in Jefferson County, Alabama. *Am J Forensic Med Pathol* 1997;18(4):363-8. [link](#)
10. Falzon AL, **Davis GG**. A 15-year retrospective review of homicide in the elderly. *J Forensic Sci* 1998;43(2):371-4. [link](#)
11. George JR, **Davis GG**. Comparison of anti-epileptic drug levels in different cases of sudden death. *J Forensic Sci* 1998;43(3):598-603. [link](#)
12. **Davis GG**, Alexander CB. A review of carisoprodol deaths in Jefferson County, Alabama. *South Med J* 1998;91(8):726-30. Comment in *South Med J* 1999;92(4):441. [link](#)
13. Milner DA, Hall M, **Davis GG**, Brissie RM, Robinson CA Jr. Fatal multiple drug intoxication following acute sertraline use. *J Anal Toxicol* 1998;22(6):545-8. [link](#)
14. Swalwell CI, **Davis GG**. Methamphetamine as a risk factor for acute aortic dissection. *J Forensic Sci* 1999;44(1):23-6. [link](#)
15. **Davis GG**, Brissie RM. A review of crane deaths in Jefferson County, Alabama. *J Forensic Sci* 2000;45(2):392-6. [link](#)
16. May AK, McGwin G Jr, Lancaster LJ, Hardin W, Taylor AJ, Holden S, **Davis GG**, Rue LW III. The April 8, 1998 tornado: assessment of the trauma system response and the resulting injuries. *J Trauma* 2000;48(4):666-72. [link](#)
17. Gruszecki AC, Robinson CA Jr, Embry JH, **Davis GG**. Correlation of the incidence of cocaine and cocaethylene in hair and postmortem biological samples. *Am J Forensic Med Pathol* 2000;21(2):166-71. [link](#)
18. **Davis GG**, Glass JM. Case report of sudden death following a blow to the back of the neck. *Am J Forensic Med Pathol* 2001;22(1):13-8. [link](#)
19. **Davis GG**, Onaka AT. Report on the 2003 revision of the U. S. Standard Certificate of Death. *Am J Forensic Med Pathol* 2001;22(1):38-42. [link](#)
20. Mikolaenko I, Galliani CA, **Davis GG**. Pigmented cardiac paraganglioma. *Arch Pathol Lab Med* 2001;125(5):680-2. [link](#)
21. Taylor AJ, McGwin G Jr, **Davis GG**, Brissie RM, Holley TD, Rue LW 3rd. Hypothermia deaths in Jefferson County, Alabama. *Inj Prev* 2001;7(2):141-5. [link](#)
22. Taylor AJ, McGwin G Jr, **Davis GG**, Brissie RM, Rue LW 3rd. Occupational electrocutions in Jefferson County, Alabama. *Occup Med* 2002;52(2):102-6. [link](#)
23. Adams JE, **Davis GG**, Heideprin RW 3rd, Alonso JE, Alexander CB. Analysis of the incidence of pelvic trauma in fatal automobile accidents. *Am J Forensic Med Pathol* 2002;23(2):132-6. [link](#)
24. Mikolaenko I, Robinson CA Jr, **Davis GG**. A review of methadone deaths in Jefferson County, Alabama. *Am J Forensic Med Pathol* 2002;23(3):299-304. [link](#)
25. McGwin G Jr, Valent F, Taylor AJ, Howard HJ, **Davis GG**, Brissie RM, Rue LW 3rd. Epidemiology of fatal occupational injuries in Jefferson County, Alabama. *South Med J* 2002;95(11):1300-11. [link](#)

26. Gruszecki AC, **Davis GG**. Death following tonsillectomy. ASCP Check Sample 2002; FP 02-10(FP-281). Chicago, Illinois: American Society for Clinical Pathology.
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#### *Poster Exhibits*

1. Gruszecki AC, La Porte G, Robinson CA, Hall M, Embry JH, **Davis GG**. Correlation of the incidence of cocaine and its metabolites in hair and postmortem biological samples. Presented by ACG to the American Academy of Forensic Sciences, Seattle, 1995.
2. Embry JH, **Davis GG**. Lacerations due to assault with a baseball bat. Presented by JHE to the American Academy of Forensic Sciences, Seattle, 2001.

3. **Davis GG.** Sudden infant death and sleeping arrangements: a study in Jefferson County, Alabama. Presented to the American Academy of Pediatrics, San Francisco, 2001.
4. **Davis GG, McGwin G Jr.** Comparison of heart mass in seizure patients dying of sudden unexplained death in epilepsy to sudden death due to some other cause. Presented to the American Epilepsy Society, Seattle, 2002.
5. Adams JE, **Davis GG**, Alexander CB, Alonso JE. Incidence and nature of pelvic trauma in rapidly fatal automobile accidents. Presented by JE Alonso to the American Association of Orthopaedic Surgeons, New Orleans, 2003.
6. Gruszecki AC, Powers RE, **Davis GG.** Nursing home deaths investigated by the medical examiner over a year. Presented to the American Geriatrics Society, Las Vegas, 2004.
7. Peterson DC, **Davis GG.** Analysis of gastric contents for the presence of neutrophils: a rapid test for chorioamnionitis. Presented to the National Association of Medical Examiners, San Francisco, 2009.
8. Atherton DS, **Davis GG**, Wright C, Hesdorffer D. A survey of medical examiner death certification of vignettes on death in epilepsy: gaps in identifying SUDEP. Presented to the American Epilepsy Society. 2014.

#### *Oral Presentations*

Scientific papers presented at national and international meetings

1. **Davis GG**, York JC, Glick AD, McCurley TL, Collins RD, Cousar JB. Plasmacytic differentiation in parafollicular (monocytoid) b-cell lymphoma – a study of 11 cases. Presented to the United States-Canadian Division of the International Academy of Pathology, Chicago, 1991.
2. **Davis GG**, Swalwell CI. Acute aortic dissections and ruptured berry aneurysms associated with methamphetamine abuse. Presented to the American Academy of Forensic Sciences, Boston, 1993.
3. **Davis GG**, Swalwell CI. The incidence of acute cocaine or methamphetamine intoxication in deaths due to ruptured cerebral (berry) aneurysms. Presented to the American Academy of Forensic Sciences, Seattle, 1995.
4. Swalwell CI, **Davis GG.** Sudden deaths due to acute aortic dissection and the role of drugs. Presented by CIS to the American Academy of Forensic Sciences, Seattle, 1995.
5. La Porte G, **Davis GG.** A retrospective study of the incidence of drugs in decomposed remains in Jefferson County Alabama. Presented by GLP to the American Academy of Forensic Sciences, Seattle, 1995.
6. **Davis GG.** The usefulness of reloading manuals to medical examiners. Presented as part of the “Hints from Heloise” presentation to the National Association of Medical Examiners, Traverse City, Michigan, 1996.
7. **Davis GG**, Alexander CB. A 10-year review of carisoprodol deaths in Jefferson County, Alabama. Presented by CBA to the National Association of Medical Examiners, Traverse City, Michigan, 1996.
8. **Davis GG**, Alexander CB, Brissie RM. A 15-year review of railway deaths in Jefferson County, Alabama. Presented to the National Association of Medical Examiners, Traverse City, Michigan, 1996.
9. Alexander CB, **Davis GG.** A look at the potential years of life lost (PYLL) by manner of death in Jefferson County, Alabama over a 15-year span. Presented by CBA to the National Association of Medical Examiners, Traverse City, Michigan, 1996.

10. Falzon AL, **Davis GG**. A 15-year retrospective study of homicide in the elderly. Presented by ALF to the American Academy of Forensic Sciences, New York, New York, 1997.
11. George JR, **Davis GG**. Comparison of anti-epileptic drug levels in different cases of sudden death. Presented to the American Academy of Forensic Sciences, New York, New York, 1997.
12. **Davis GG**, Simmons GT. Computerized management systems in medical examiner offices: the Birmingham, Alabama system. Presented to the National Association of Medical Examiners, Baltimore, 1997.
13. **Davis GG**, Brissie RM. A review of crane deaths in Jefferson County, Alabama. Presented to the American Academy of Forensic Sciences, San Francisco, 1998.
14. Simmons GT, **Davis GG**, Brissie RM. When is an autopsy necessary? Presented by GTS to the American Academy of Forensic Sciences, San Francisco, 1998.
15. Klemm KM, **Davis GG**. A review of work related falls in Jefferson County, Alabama. Presented by KKM to the National Association of Medical Examiners, Albuquerque, 1998.
16. Weems RA, Brissie RM, **Davis GG**, Simmons, GT, Embry JH, Pustilnik SM. Dental identifications in an F5 tornado. Proceedings of the American Academy of Forensic Sciences 1999:142-3(F15).
17. **Davis GG**, Glass JM. Case report of sudden death following a blow to the back of the neck. Presented to the American Academy of Forensic Sciences, Orlando, 1999.
18. **Davis GG**, Onaka AT. Report on 2002 revision of U. S. standard certificate of death. Presented to the National Association of Medical Examiners, Minneapolis, 1999.
19. Fingerhut LA, **Davis GG**. Death certificates and national injury data analyses. Presented by LAF to the National Association of Medical Examiners, Minneapolis, 1999.
20. Heidepriem RW 3rd, **Davis GG**, Alonso JE, Alexander CB. Analysis of the incidence of pelvic trauma in 392 consecutive fatal automobile accidents in Jefferson County, Alabama 1994-1996. Presented by CBA to the National Association of Medical Examiners, Indianapolis, 2000.
21. Miller EJ, Schultz J, Nelson GM, **Davis GG**. Diagnosis of sudden unexplained death in epilepsy by immunohistochemical staining for prolactin in cerebral capillaries. Presented by EJM to the American Academy of Forensic Sciences, Seattle, 2001.
22. Taylor AJ, McGwin G Jr, Rue LW III, Brissie RM, **Davis GG**. Fatal non-occupational electrocutions. Presented by AJT to the National Association of Medical Examiners, Richmond, 2001.
23. Mikolaenko I, **Davis GG**. A review of methadone deaths in Jefferson County, Alabama. Presented by IM to the National Association of Medical Examiners, Richmond, 2001.
24. Adams JE, **Davis GG**, Alexander CB, Alonso JE. Incidence and nature of pelvic trauma in rapidly fatal automobile accidents. Presented by JE Alonso to the American Academy of Orthopaedic Surgeons, New Orleans, 2003.
25. Gruszecki AC, Edwards J, Powers RE, **Davis GG**. Investigation of nursing home deaths by the medical examiner over a year. Presented by ACG to the National Association of Medical Examiners, San Jose, 2003.
26. Gruszecki AC, **Davis GG**. Unexplained sudden death and the likelihood of drug abuse. Presented by ACG to the American Academy of Forensic Sciences, Dallas, 2004.
27. Gruszecki AC, McGwin G Jr, Robinson CA, **Davis GG**. The relationship of drug abuse to unexplained sudden death. Presented by ACG to the American Academy of Forensic Sciences, New Orleans, 2005.

28. Gruszecki AC, Booth J, **Davis GG**. The predictive value of history and scene investigation for toxicology results in a medical examiner population. Presented by ACG to the National Association of Medical Examiners, Los Angeles, 2005.
29. Peterson DC, Powers RE, Robinson JN, **Davis GG**. Effectiveness of death investigation in cases of potential elder abuse. Presented by DCP to the American Academy of Forensic Sciences, Seattle, 2006.
30. Dickens AL, Powers RE, Robinson JN, **Davis GG**. Descriptive study on the causes of death of residents of boarding homes. Presented by ALD to the American Academy of Forensic Sciences, Seattle, 2006.
31. Gorman EF, Brissie RM, **Davis GG**. The relationship of back surgery to overdose at autopsy. Presented by EG to the American Academy of Forensic Sciences, Chicago, 2011.
32. Cain MD, Brissie RM, Almeida JS, Robinson CA, **Davis GG**. Computer extraction of data from autopsy and toxicology reports. Presented by MDC to the National Association of Medical Examiners, Milwaukee, 2013. (interrelated presentations by MDC received John Smialek Best Resident Paper (presentation) award)
33. Cain MD, Brissie RM, Almeida JS, Robinson CA, **Davis GG**. Creation of a queryable toxicology database available to forensic pathologists. Presented by MDC to the National Association of Medical Examiners, Milwaukee, 2013. (interrelated presentations by MDC received John Smialek Best Resident Paper (presentation) award)
34. **Davis GG**, Pinckard JK. Scientific writing: pearls and snares. Presented by GGD and JKP to the National Association of Medical Examiners, Milwaukee, 2013.
35. Aiken SS, Anderson WH, **Davis GG**, McCollum A, Lemos NP, Middleberg RA. Postmortem Pediatric Toxicology. Presented to the American Academy of Forensic Sciences, Seattle, 2014.
36. Atherton DS, McGwin G Jr, **Davis GG**. Comparison of the distribution of skull fractures by mechanism of formation. Presented by DSA to the National Association of Medical Examiners, Portland, OR, 2014.
37. Atherton DS, Devinsky O, Hesdorffer D, Wright C, **Davis GG**. Implications of death certification on SUDEP research. Presented by DSA to the National Association of Medical Examiners, Charlotte, NC, 2015.
38. Ellis A, McGwin G, **Davis GG**, Dye DW. Heroin toxicity where 6-acetylmorphine (6-AM) is not detected by toxicological analyses. Presented by AE to the National Association of Medical Examiners, Charlotte, NC, 2015.
39. Logan BK, Aiken SS, **Davis GG**, LeBeau MA, Stolorow MD, Westring CG. A primer on the structure and activity of the National Institute of Standards and Technology's (NIST's) Organization of Scientific Area Committees (OSAC). GGD presented on Scientific Area Committees to the American Academy of Forensic Sciences, Las Vegas, NV, 2016.
40. **Davis GG**. NAME and the 21<sup>st</sup> Century – 2006 through the present. Presented as part of a presentation on the 50-year history of the National Association of Medical Examiners to the National Association of Medical Examiners, Minneapolis, MN, 2016.
41. Baker AM, **Davis GG**, Hanzlick RL. Cognitive bias in forensic pathology: what it is, what it is not, and why you need to care. Presented by AMB to the National Association of Medical Examiners, Minneapolis, MN, 2016.
42. M<sup>c</sup>Cleskey BC, **Davis GG**, Dye DW. Correcting the count: Improving vital statistics data regarding deaths related to obesity. Presented by BCM to the American Academy of Forensic Sciences, New Orleans, LA, 2017.

43. Dye DW, McGwin G, **Davis GG**. Correctly identifying deaths due to drug toxicity without a forensic autopsy. Presented by DWD to the National Association of Medical Examiners, West Palm Beach, FL, 2018.
44. **Davis GG**. Sharing death investigation data. Presented as part of Data Blitz and Present Your Idea, UAB Pathology Research Retreat, Birmingham, AL, 2019.

Invited workshops, symposia, and lectures

*International Courses and Meetings*

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|------|---|
| 1999 | Participant, workshop on Mortality Analyses by Cause-of-Death in Industrialized Countries, 17-20 June, Marin County, California. Presented summary paper on medical perspective at international workshop co-sponsored by Center on the Economics and Demography of Aging, University of California at Berkeley and Institut National d'Etudes Demographiques, Paris. |
| 2006 | Chair and faculty member, Symposium, International Academy of Pathology meeting, Montreal. Symposium "Problems and Challenges with Inflicted Trauma at the Extremes of Life." Presented "Investigating Sudden, Unexpected Death in the Elderly."  |
| 2007 | Chair and faculty member, Symposium, Experimental Biology annual meeting, Washington, D.C. Symposium "Novel Technologies in Physiology and Forensic Medicine." Presented "Chronic Drug Abuse and Sudden Death."   |
| 2016 | Moderator and participant, International Forensic Radiology Research Summit, Amsterdam. Sponsored by National Institute of Justice and Netherlands Forensic Institute. Facilitated discussion of challenges and research priorities in creating a research agenda.  |
| 2016 | Invited speaker, International Society for Forensic Radiology and Imaging. Amsterdam. Presented "Expert witness testimony: a professional experience."  |

*National Courses and Meetings*

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|-----------|---|
| 1999-2002 | Chair and faculty member, Short Course, United States and Canadian Academy of Pathology annual meetings. Presented "Pathology and Law" with Gregory J. Davis, M.D.  |
| 1999      | Panel member, Forensic Pathology Specialty Conference, United States and Canadian Academy of Pathology meeting, San Francisco, California. Presented "Complications of Percutaneous Endoscopic Gastrostomy."  |
| 2000      | Co-chair, Workshop, American Academy of Forensic Sciences annual meeting. Presented "Implications of ICD-10 and of the Revised U.S. Standard Certificate of Death for Death Certification" with Randy L. Hanzlick, M.D.   |
| 2002-4    | Moderator, Evening Specialty Conference, Forensic Pathology, United States and Canadian Academy of Pathology annual meetings. Topics: Mass Disaster Evaluation and Preparation (2002), The Pathology of War (2003), Decomposition – Pathology, Entomology, Anthropology (2004). Presented "Pathology of Decomposition" for 2004 conference. |
| 2003      | Invited participant, Methadone-Associated Mortality: A National Assessment Workshop, sponsored by Center for Substance Abuse Treatment of Substance Abuse and Mental Health Services Administration (SAMHSA).   |



- 2003-4 Faculty member, Workshop, College of American Pathologists annual meetings. Presented “The Pathologist and the Legal System: What You Need to Know” with Gregory J. Davis, M.D.
- 2003-4 Faculty, Luncheon Round Table of College of American Pathologists. Moderated “The Dish on Forensic Pathology” with Gregory J. Davis, M.D.
- 2005 Chair and faculty member, Workshop, American Academy of Forensic Sciences annual meeting. Presented “The Pathological Examination of Deaths in the Elderly” with Patricia J. McFeeley, M.D. and Richard E. Powers, M.D.
- 2006-7 Faculty member, Workshop, American Academy of Forensic Sciences annual meeting. Presented “Research, Writing, and Reviewing: A Guide to Designing, Conducting, Writing, Publishing, and Analyzing Scientific Research” with Amy C. Gruszecki, D.O. and J. Keith Pinckard, M.D./Ph.D.
- 2008 Chair and faculty member, Workshop, College of American Pathologists annual meeting. Presented “Asphyxia” in course “Fundamentals of Forensic Pathology” with Michael J. Doberson, M.D., Ph.D. and Craig T. Mallak, M.D., J.D.
- 2008-10 Chair and faculty member, Workshop, American Society for Clinical Pathology annual meeting. Presented course “Forensic Pathology: Principles and Applications to Hospital Practice.”
- 2010 Participant, Forensic Death Investigation Symposium, National Institute of Justice. Moderator of daylong breakout session “Leveraging R&D and Technology in the Death Investigation Community.” Presented synopsis of recommendations and priorities made during breakout session to entire symposium on final day.
- 2010-4 Faculty member, Workshop, College of American Pathologists annual meeting. Presented interactive course “Good Witness or Bad Witness?” with some combination of forensic pathologists Gregory J. Davis, Stephen J. Cina, Kim A. Collins, Kelly C. Lear-Kaul, Christopher I. Swalwell.
- 2010 Faculty, Luncheon Roundtable Discussion of American Society for Clinical Pathology. Moderated “Forensic Pathology, Death, and Attorneys.”
- 2010 Chair and faculty member, workshop, American Academy of Forensic Pathology. Presented course “Grief – Forensic Practice and Family Interaction.”
- 2011 Faculty member, Principles of Forensic Pathology course, sponsored by the Armed Forces Medical Examiner. Lectured on “Asphyxial Deaths” and “Transportation Pathology.”
- 2011 Author and Presenter, Faculty member, Web-Based Professional Development Continuing Education in Forensic Sciences, sponsored by RTI International and the National Association of Medical Examiners. Presented “Death Investigation in the Elderly.” Available as enduring material at:  
<https://www.forensiced.org/reg/eventreg/SUIDI/?scoid=1097022100&isOD=yes&usewrapper=Yes&ch=1.5>
- 2012 Author and Presenter, Faculty member, Web-Based Professional Development Continuing Education in Forensic Sciences, sponsored by RTI International and the National Association of Medical Examiners. Presented “How to Be a Good Expert Witness.” Available as enduring material at:  
<https://www.forensiced.org/training/courseapp.cfm?csection=Medicolegal>  
 Accessed 28 November 2012.

- 2013 Member, SUDEP Surveillance Workshop, sponsored by Epilepsy Foundation. Presented “Determining SUDEP as the Cause of Death.” Meeting of neurologists, epileptologists, and forensic pathologists to consider how to collaborate in study of sudden unexpected death in epilepsy.
- 2013 Author and Presenter, Faculty member, Web-Based seminar for Laboratory Management University, sponsored the American Society for Clinical pathology. Presented “Lessons in Communication from a Forensic Pathologist.” Available as enduring material at: <http://www.ascp.org/lmu#> Accessed 1 October 2013.
- 2013 Invited lecturer, American College of Medical Toxicologists, pre-meeting symposium for annual meeting of North American Congress of Clinical Toxicology. Presented “What’s in a NAME: Determining Cause of Death, the ACMT/NAME Opioid Project.” Synopsis of work and recommendations of ACMT/NAME Opioid Position Paper.
- 2013 Invited lecturer, American Board of Applied Toxicology symposium at annual meeting of North American Congress of Clinical Toxicology. Presented “Forensic Medicine – What you know, What you think you know, What you should know, What you may not have known before.” Synopsis of forensic pathology practice.
- 2014 Panel member, National Pathology Organization Leadership Panel: The Future of the Pathology Workforce. College of American Pathology Policy Meeting, Washington, DC.
- 2014 Panel member, Pathology Roundtable Panel: Q&A session on Advocating for the Value of Pathology. Association of Pathology Chairs, annual meeting, Boston.
- 2014 Facilitator, Joint Discussion Group: The Future of the Anatomic Pathology Technical Workforce. Association of Pathology Chairs, annual meeting, Boston.
- 2014 Faculty member, Residents Forum presentation, College of American Pathologists annual meeting. Presented interactive course “Good Witness or Bad Witness?” with Gregory J. Davis, Stephen J. Cina, Kim A. Collins, and Lindsey Thomas.
- 2014 Faculty member, Workshop, College of American Pathologists annual meeting. Presented interactive course “Good Witness or Bad Witness?” with Gregory J. Davis, Stephen J. Cina, Kim A. Collins, and Lindsey Thomas.
- 2015-7 Committee chair and master of ceremonies, directing sub-committee chair reports as part of the annual report on the status of the Crime Scene/Death Investigation Scientific Area Committee of Organization of Scientific Area Committees. Presented in association with the annual meeting of the American Academy of Forensic Sciences.
- 2015 Panel member with other SAC chairs, Plenary Block III, OSAC Part II. American Society Crime Laboratory Directors annual meeting. Presented “Updates on Outcomes So Far & Action Items for 2015 - Crime Scene/Death Investigation.”
- 2015 Panel member with other SAC chairs, National Commission on Forensic Sciences meeting, presented “Organization of Scientific Area Committees: Update and Priority Action Reports.”
- 2015 Panel member, Pathology Roundtable Panel: Advocacy Session: Innovation in Pathology Education & Workforce Training. Association of Pathology Chairs, annual meeting, San Diego.
- 2015 Presenter, Autopsy Working Group Update. Association of Pathology Chairs, annual meeting, San Diego.

- 2016 Presenter, Workshop on Forensic Toxicology Testing for Medicolegal Death Investigation. Presented “Challenges in interpreting analytical results for MDI and variation for toxicology assessment in death certification.” Workshop organized by Office of Science and Technology Policy, the White House and hosted by National Institute of Science and Technology.
- 2017 Panel member with Margaret Warner, Barry Logan, and Paula Braun. Workshop on “Electronic Systems to Help Identify Drug Hot Spots and Support Immediate Action.” National Rx Drug Abuse and Heroin Summit, annual meeting, Atlanta. (Workshop taught attendees process of death investigation and certification and potential ways to improve data sharing.)
- 2018 Presenter, Annual report on status of Organization of Scientific Area Committees. Presented “Death, Crime Scenes, and OSAC.”
- 2018 Invited guest, State and Medical Examiner/Coroner (ME/C) Implementers Workgroup, Meeting organized and hosted by Centers for Disease Control.
- 2018 Presenter, Prescription Drug Prevention for States & Data-Driven Prevention Initiative Learning Community, Session 3: Opportunities for Public Health and Medical Examiner/Coroner Partnerships to Address the Opioid Epidemic. Webinar hosted by Association of State and Territorial Health Officials (ASTHO).
- 2019 Participant, Enhanced State Opioid Overdose Surveillance (ESOOS) Partners meeting in Atlanta. Meeting organized and hosted by Centers for Disease Control (CDC) and the Association of State and Territorial Health Officials (ASTHO). Represented the National Association of Medical Examiners.
- 2019 Presenter, Annual report on status of Organization of Scientific Area Committees. Presented “Update on the Crime Scene/Death Investigation SAC.” (preserved as enduring material in Part 2 at <https://www.nist.gov/news-events/events/2019/06/osac-public-update-open-discussions>)
- 2019 Faculty member, workshop “Best Practices for Investigation of Overdose Deaths.” Presented “Lessons Learned from Leading a Panel of Experts to Update the NAME Position Paper on Investigating, Diagnosing, and Certifying Opioid-Related Deaths.” Society of Forensic Toxicology, annual meeting, San Antonio.
- 2019 Presenter, Bitemark Thinkshop, 2-day seminar hosted by Center for Statistics and Applications in Forensic Evidence and sponsored by the National Institute for Standards and Technology. Presented “Mechanisms of Skin Injury with Application to Pattern Injuries” at meeting in greater Washington, DC area.
- 2020 Faculty member, workshop “Drug Delivery Homicide: Prosecution, Defense and Expert Testimony.” Presented “Forensic Pathologist Perspective on Determination of the Role of Specific Drugs in Complex Drug Toxicity Cases.” Other faculty were toxicologist Barry Logan, PhD and attorneys MJ Menendez, Michael Hunter, and Christopher Young. American Academy of Forensic Sciences, annual meeting, Anaheim.
- 2020 Panelist, NAME Foundation Outreach Fundraiser Presentation “Drug Delivery Homicide: The Straw That Breaks the Camel’s Back.” Presented “Determination of the Role of Specific Drugs in Complex Drug Toxicity Cases.” Other panelists were toxicologist Barry Logan, PhD and attorney MJ Menendez. National Association of Medical Examiners, annual meeting, virtual due to COVID-19.

*Regional Courses and Meetings*

- 1997 Invited lecturer, New York State Association of County Coroners and Medical Examiners. Presented “Equipment Specific Injuries Involving Construction or Agricultural Equipment.”
- 1999 Invited lecturer, Department of Pathology 3rd Annual Update in Diagnostic Pathology, Hilton Head Island, South Carolina. Presented “Overview of Forensic Pathology” and “The Medical Evaluation of Sudden Infant Death.”
- 2003 Invited lecturer, New York State Association of County Coroners and Medical Examiners. Presented “Institutional Deaths – Nursing Homes, Hospitals, Jails.”
- 2004 Invited lecturer, Arkansas Hospital Association. Conference topic was “The Medical Aspects of Terror: Assessing and Treating Traumatic Injuries.” Presented “The Forensic Examination of Small Arms Wounds.”
- 2004 Invited lecturer, State Attorney General’s conference, Montgomery, Alabama. Conference topic was “Combating Elder Exploitation and Abuse.” Presented “Elder Abuse and the Aging Process, A Forensic Look” with Dr. Richard Powers. Also served on afternoon panel discussion of case reviews illustrating professionalism in elder abuse investigations.
- 2004 Invited lecturer, UAB Department of Pathology 8th Annual Update in Diagnostic Pathology, Biloxi, Mississippi. Presented “Pathology and Law: Practicing Pathology in Litigious Times” and “Case Reports on Pathology and Law.”
- 2005 Invited lecturer, Alzheimer Association’s 10th Annual Gesman Symposium, Huntsville, Alabama. Presented “Autopsy Process and Its Benefit to Family Caregivers.”
- 2005 Invited lecturer, Ohio State University Department of Pathology 5th Annual Update in Surgical Pathology, Columbus, Ohio. Presented “Medicolegal Aspects of Pathology Practice: Practicing Pathology in Litigious Times” and “Malpractice in Pathology: Tips for Successfully Navigating the Legal System.”
- 2005 Invited lecturer, Lake Superior Pathology Society, Duluth, Minnesota. Presented “Pathology and Law: Advice to Hospital Pathologists.”
- 2007 Invited lecturer, Tri-State Pathology Conference (Alabama, Mississippi, Louisiana), Point Clear, Alabama. Presented “Practicing Pathology in Litigious Times.”
- 2007 Invited lecturer, Alabama Criminal Defense Lawyers Association, Pensacola, Florida. Presented “How to Read an Autopsy Report.”
- 2008 Invited lecturer, three day seminar “Forensic Science: Now and the Future.” Sponsored by Offices of the Broward County Medical Examiner and Nova Southeastern University College of Dental Medicine, Ft. Lauderdale, Florida. Presented “Practicing Medicine in Court.”
- 2010 Invited lecturer, New York State Association of County Coroners and Medical Examiners. Presented “Accidents and Suicides in Children and Adolescents.”
- 2011 Invited lecturer, Alabama Perinatal Conference. Presented “Preventing Infant Death – A View from the Coroner/Medical Examiner Perspective” with Chief Deputy Coroner Pat Curry.
- 2012 Invited lecturer, Forensic Science Education Conference. Presented “Forensic Pathology – Basic Principles and Career Options” with Forensic Pathologist Assistant Julie Dufek. Conference sponsored by the American Academy of Forensic Sciences for middle school and high school teachers of forensic science.

- 2013 Invited lecturer, Annual symposium of Patólogos de Puerto Rico. Presented “Malpractice in Pathology” and “Medicolegal Aspects of Pathology Practice.”
- 2018 Invited lecturer, Alabama Drug Specificity Stakeholder meeting. Presented “Death Investigation and Certification in Alabama” and participated in meeting.

*Local Courses and Meetings*

- 1994 Organizer and lecturer, didactic lectures to Jefferson County District Attorney’s Office. Presented “Postmortem Change and Identification of Remains, Blunt Force Injury, Sharp Force Injury, Scene Investigation.”
- 1994-5 Invited lecturer, annual meeting of Birmingham Emergency Nurses Association. Presented “Role of the Medical Examiner in Trauma Deaths.”
- 1995 Guest lecturer, University of Alabama at Birmingham Trauma Symposium; discussed “Trauma and the Medical Examiner’s Office.”
- 1995 Invited lecturer, Pediatric Grand Rounds, Children’s Hospital of Birmingham. Presented “Medical Evaluation of Sudden Infant Death.”
- 1995-6 Invited lecturer, Birmingham area agents of Federal Bureau of Investigation. Presented “Jail Deaths” and “Postmortem Change and Determination of Time of Death.”
- 1996 Invited lecturer, portion of Pediatric Grand Rounds, Children’s Hospital of Birmingham. Presented “Head Injuries in Cases of Child Abuse.”
- 1996 Invited lecturer, child abuse workshop organized by CHIPS (Children’s Hospital Intervention & Prevention Services). Presented “Medical Evaluation of Sudden Infant Death.”
- 1996 Invited lecturer, Pediatric Staff of Jefferson County Health Department. Presented “Medical Evaluation of Sudden Infant Death.”
- 1996 Invited lecturer, Alabama Department of Forensic Sciences. Presented “Medical Evaluation of Sudden Infant Death.”
- 1996-2014 Invited lecturer, UAB Lab Week program. Give annual presentation with Dr. C. Andrew Robinson on integration of forensic pathology and toxicology.
- 1997 Invited lecturer, International Association for Identification, Alabama Division. Presented “Role of Medical Examiner in Death Investigation with Emphasis on Identification of Remains.”
- 1997 Invited lecturer, Birmingham Police Department. Presented “Strangulation and Defensive Wounds” in continuing education series.
- 1998-2009 Invited lecturer, Jefferson County Sheriff’s Academy. Present “Medical Evaluation of Sudden Infant Death and Child Abuse,” “Burns and Electrocutions,” “Industrial Accidents,” and “Jail Deaths.”
- 1999 Invited lecturer, Emergency Department of Children’s Hospital. Presented “Role of Medical Examiner in Pediatric Trauma Deaths.”
- 2001 Invited lecturer, State-wide conference for coroners and medical examiners conducted by Alabama Department of Forensic Sciences. Presented “Death Certification.”
- 2001 Invited lecturer, conference conducted by University of Alabama at Birmingham Emergency Department. Presented “Recognition and Description of Major Wound Types.”

- 2002 Invited lecturer, Bessemer Division District Attorney seminar on Child Abuse - Domestic Violence. Presented “The Forensic Pathology of Child Abuse and Domestic Violence.”
- 2003 Invited lecturer, Children’s Hospital Trauma Conference. Presented “Child Abuse: Evaluation and Diagnostic Dilemmas.”
- 2003 Invited lecturer, Birmingham Clinical Club. Presented “The Practice of Forensic Pathology.”
- 2003 Invited lecturer, Jefferson County District Attorney’s Office. Presented “Forensic Pathology and the District Attorney” for recently hired deputy district attorneys.
- 2005 Invited lecturer, Sexual Assault Nurse Examiner continuing education. Presented “Pathology of Injury.”
- 2005 Invited lecturer, Children’s Hospital Trauma Conference. Presented “Medical Evaluation of Sudden Infant Death.”
- 2005 Invited lecturer, American Medical Students Association, UAB branch, premedical division. Presented “An Overview of Forensic Pathology.”
- 2006 Invited lecturer, Children’s Hospital Trauma Conference. Presented “History and Diagnosis in Evaluating Injuries in Infants and Children.”
- 2006 Invited lecturer, Greater Birmingham Criminal Defense Lawyer’s Association. Presented “Autopsy 101: A Basic Primer.”
- 2006 Invited lecturer, Alabama Science Teachers Association. Presented “Forensic Pathology.”
- 2006 Invited lecturer, Irondale Police Training Conference. Presented “Domestic Violence.”
- 2007 Invited lecturer, Children’s Hospital Trauma Conference. Presented “Interacting with the Legal System.”
- 2007 Invited lecturer, Jefferson County Academy of Family Physicians. Presented “The Jefferson County Coroner/Medical Examiner Office.”
- 2007 Invited lecturer, UAB Trauma Symposium. Presented “Death Investigation - Accident, Suicide, or Homicide.”
- 2008 Invited lecturer, Leadership Birmingham, Healthy Community Symposium. Presented “Forensic Medicine” at Health Services Foundation Board Room. (Leadership Birmingham is a group of approximately 60 community leaders drawn from business, government, and civic groups.)
- 2010 Invited lecturer, with Andy Robinson, at Trinity Baptist Hospital, Birmingham, Alabama. Presented “Toxicology in the Setting of Decomposition.”
- 2011 Invited lecturer, with Andy Robinson, at Trinity Baptist Hospital, Birmingham, Alabama. Presented “The Laboratory Professional in Court.”
- 2012 Invited lecturer, UAB Family Practitioner faculty, residents, and staff in Birmingham (May 9) and Selma (May 14). Presented “Death Certification.”
- 2013 Invited lecturer, UAB chapter of Alpha Epsilon Delta (pre-health honor society). Presented “Forensic Pathology as a Career.”
- 2013 Invited lecturer, Pathology Interest Group, inaugural general interest meeting. Presented “Pathology as a Career” with Jill Adamski, MD.
- 2014 Invited lecturer, Pathology Interest Group. Presented “Forensic Pathology as a Career.”

- 2014 Panelist, U.S. Attorney’s Office, Birmingham, Served on discussion panel “The Heroin Effect on Our Community” as part of the summit meeting “Pills to Needles: The Pathway to Rising Heroin Deaths, A Community Alert and Call to Action.”
- 2015 Invited lecturer, Alabama Organ Center and Children’s Hospital sponsored conference “The Extending Hands: Child Abuse and Organ Donation.” Presented “The Role of the Coroner/Medical Examiner in Organ Donation and Death Investigation.”
- 2016 Invited lecturer, Vestavia Hills Sunrise Rotary Club. Presented “Forensic Pathology: Basic Principles for Death Investigation.”
- 2017 Panelist, Jefferson County community meeting “Help Stop the Opioid Epidemic” Samford University School of Public Health.
- 2018 Invited lecturer, Homewood Rotary Club. Presented “Forensic Pathology: Basic Principles for Death Investigation.”
- 2018 Invited lecturer, Alabama Organ Center. Presented “Role of Coroner/Medical Examiner in Society.” Included discussion of interaction with organ donor agencies.

**MISCELLANEOUS**

- 2011 College of American Pathologists, Subject matter expert, Risk Management section, Laboratory Medical Director Certificate Program AP3 (helped develop cognitive assessment for program).
- 2011 Collaborated in design and implementation of new database for Jefferson County Coroner/Medical Examiner Office.
- 2013 College of American Pathologists, Subject matter expert for team developing online course in negotiation techniques for pathologists. (see <http://learning.cap.org/catalog/options/view/da5ed70f-3594-4b12-b2af-c5193dff683a>)
- 2013- Presenter, AAFS Profiles (5 minute descriptions of the importance of forensic science to society, hosted on AAFS Channel on YouTube, available at <https://www.youtube.com/watch?v=lehbTZFqSuI>)
- 2014 Presented to Mountain Brook Junior High School classes on forensic pathology and medicine as a career.
- 2016 Presented to Mountain Brook High School classes in Advanced Placement Physics, Chemistry, and Biology on application of scientific principles to forensic pathology to understand mechanism and appearance of injuries.
- 2016 Interviews with WBRC Fox 6 News on heroin deaths (August 10, November 1).
- 2017 Interviews with WBRC Fox 6 News and WVTM 13 News on heroin deaths (February 21, March 21, November 2).
- 2018 Interviews with WBRC Fox 6 News and WVTM 13 News on heroin deaths (January 23, October 13).
- 2019 Participated in 50<sup>th</sup> Anniversary memories podcast with Rachel Gill, recalling our work together in the Coroner/Medical Examiner Office after the tornadoes of 27 April 2011. Available at <https://www.uab.edu/50/memories/greg-davis-rachel-gill>.
- 2020 Interview concerning certification of deaths due to COVID-19 with al.com. See <https://www.al.com/news/2020/04/coronavirus-deaths-may-be-undercounted-in-alabama-doctors-say.html>
- 2020 Interview concerning autopsy report of George Floyd with Associated Press. Available at <https://apnews.com/198a979e9a3abff1e2daacd804e62535>

2020 Interview concerning death investigation, public health, and COVID-19 on radio show Top of Mind. Available at <https://www.byuradio.org/episode/cdc448cc-a2d5-49ae-9bb1-a77b268bc1a6/top-of-mind-with-julie-rose-election-lawsuits-death-investigations-rapping-for-stem?playhead=1100&autoplay=true>