



**Department of Transformation and Shared Services**

Governor Asa Hutchinson

Secretary Amy Fecher

Director Kay Barnhill

June 15, 2021

The Honorable David Wallace, Co-Chairperson  
 The Honorable David Hillman, Co-Chairperson  
 Uniform Personnel Classification and  
 Compensation Plan Subcommittee  
 Joint Budget Committee  
 State Capitol Building, Room 315  
 Little Rock, Arkansas 72201

Dear Senator Wallace and Representative Hillman:

The Office of Personnel Management (OPM) submits a request from the Arkansas Department of Public Safety (DPS) - Division of Arkansas State Crime Lab (ASCL) for an entry pay increase in accordance with Act 995 of 2021, Section 46. ASCL requests for a former Associate Medical Examiner, L004N, grade MP09 at 7.5% above maximum salary level:

Last Name	First Name	Pay Plan Max	%	Difference	New Salary
CUNNINGHAM	CHRISTY	\$ 241,478	7.5%	\$ 30,161	\$ 260,000

Dr. Cunningham is certified with the American Board of Pathology as Forensic Pathologist and Anatomic Pathology and has been working in the forensic Pathology field for the last five years. This request will be lower than the current pathologists with similar qualifications. This is a new position for the Arkansas Crime Lab that will be established June 16, 2019:

The Arkansas Department of Public Safety is also requesting a special entry rate for a new Chief Medical Examiner of \$350,000 for Dr. Theodore Brown. Dr. Brown is currently a deputy medical examiner providing examiner services to multiple counties in western and northern Michigan and northern Indiana. Dr. Brown is the Medical Director of the Department of Pathology and Program Director of the Forensic Pathology Fellowship Program at the Western Michigan University, Homer Stryker M.D., School of Medicine. He has many certifications and has run programs and has the skills needed to make the Forensic Fellowship with UAMS successful.

Last Name	First Name	Pay Plan Max	%	Difference	New Salary
BROWN	THEODORE	\$270,455	29%	\$79,545	\$350,000

The Honorable David Wallace, Co-Chairperson  
The Honorable David Hillman, Co-Chairperson  
June 15, 2021  
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The Office of Personnel Management has reviewed these requests from the Department of Public Safety – Division of Arkansas State Crime Lab and recommends approval of the salaries of these two new employees. The agency certifies that it possesses sufficient funding to support this request.

Your approval of this request is greatly appreciated.

Sincerely,



Kay Barnhill, Director  
Office of Personnel Management



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SECRETARY OF TRANSFORMATION & SHARED  
SERVICES

6/18/2021  
DATE

KB/cb:1-2



State of Arkansas  
Governor Asa Hutchinson

**DEPARTMENT OF PUBLIC SAFETY**

1 State Police Plaza Drive  
Little Rock, Arkansas 72209  
Office: (501) 682-2260 Fax: (501) 682-1582

**JAMI COOK**  
SECRETARY



June 7, 2021

Kay Barnhill  
State Personnel Administrator  
501 Woodlane Avenue, Suite 205  
Little Rock, AR 72201

RE: Request for increased entry rate for new Chief and Associate Medical Examiner

Ms. Barnhill,

The Department of Public Safety (DPS) – Division of Arkansas State Crime Lab (ASCL) would like to request entry rates of pay for a new Chief Medical Examiner and an Associate Medical Examiner in accordance with ACT 995 of 2021, Section 46. The requested rate of pay for the Chief is \$350,000 and the Associate is \$260,000.

Dr. Brown is board-certified in anatomic, clinical, and forensic pathology. Dr. Brown serves as a deputy medical examiner and provides medical examiner services to multiple counties in western and northern Michigan and northern Indiana. Dr. Brown is the Medical Director of the Department of Pathology and Program Director of the Forensic Pathology Fellowship Program. In 2018, Dr. Brown began working on an application to become an Accreditation Council for Graduate Medical Education (ACGME)-approved forensic pathology fellowship program. In April 2019, he received ACGME-approval to start a forensic pathology fellowship program at Western Michigan University, Homer Stryker M.D. School of Medicine. This skill set is what will be needed to make the Forensic Fellowship program with UAMS successful.

Dr. Christy Cunningham is certified with the American Board of Pathology as a Forensic Pathologist and an Anatomic Pathologist and has been working in the forensic pathology field for the past five years. The requested rate of pay will bring her in below the current pathologists with similar certifications. The position for which she is being hired was established June 16, 2019, and has never been filled.

ASCL certifies that the funds are available to pay these increases.

I appreciate your consideration on this matter and if you have any question, please feel free to call Phillip Warriner at 501-618-8193.

Sincerely,

Jami Cook



**CHRISTY S. CUNNINGHAM, D.O.**  
**ANATOMIC PATHOLOGIST/FORENSIC PATHOLOGIST**  
**DEPUTY CORONER**  
**ST. TAMMANY PARISH CORONER'S OFFICE**

**65278 LA-434**  
**Lacombe, LA 70445**  
**CELL (501) 287-7578**  
**OFFICE (985) 781-1150**  
[cunnics@yahoo.com](mailto:cunnics@yahoo.com)

#### CURRENT BOARD CERTIFICATIONS

- Board Certified in *Forensic Pathology* by the *American Board of Pathology* since 9/5/2018.
- Board Certified in *Anatomic Pathology* by the *American Board of Pathology* since 8/7/2017.

#### CURRENT STATE LICENSURES

- ARKANSAS STATE MEDICAL BOARD
- GEORGIA COMPOSITE MEDICAL BOARD
- LOUISIANA STATE BOARD OF MEDICAL EXAMINERS

#### EMPLOYMENT/PROFESSIONAL APPOINTMENTS

- **DEPUTY CORONER/FORENSIC PATHOLOGIST**  
**ST. TAMMANY PARISH CORONER'S OFFICE**  
**LACOMBE, LA, 2020-CURRENT**
  - MEDICAL EXAMINER FOR ST. TAMMANY PARISH/CONSULTING FORENSIC PATHOLOGIST FOR SURROUNDING PARISHES OF IBERVILLE, LIVINGSTON, ST. BERNARD, AND WASHINGTON, LA
  - CREATED AND IMPLEMENTED INITIAL LABORATORY PROTOCOLS FOR STPCO ACCORDING TO CURRENT *NAME* AUTOPSY STANDARD PROCEDURES
  - TEACHING FOR MEDICAL/HEALTH-PROFESSIONAL STUDENTS AND LAW ENFORCEMENT OFFICERS
- **ASSOCIATE MEDICAL EXAMINER**  
**FORENSIC MEDICINE ASSOCIATES, INC./DEKALB COUNTY MEDICAL EXAMINER'S OFFICE**  
**DECATUR, GA, 30032, 2018-2020**
  - ASSOCIATE MEDICAL EXAMINER FOR DEKALB COUNTY/CONSULTING FORENSIC PATHOLOGIST FOR SURROUNDING COUNTIES OF BARROW, HALL, HENRY, AND ROCKDALE, GA
  - COORDINATING PHYSICIAN FOR DEKALB COUNTY'S PUBLIC HEALTH COVID-19 TRACKING PROJECT
  - REPRESENTATIVE MEDICAL EXAMINER FOR DEKALB COUNTY ON *METROPOLITAN ATLANTA AREA MASS DISASTER HEALTHCARE COALITION BOARD*
  - TEACHING FOR MEDICAL/HEALTH-PROFESSIONAL STUDENTS AND LAW ENFORCEMENT OFFICERS
- **ASSOCIATE MEDICAL EXAMINER**  
**ARKANSAS STATE CRIME LAB**  
**LITTLE ROCK, AR, 2016-2018**
  - ASSOCIATE MEDICAL EXAMINER FOR AR STATE CRIME LAB.
  - FORENSIC MEDICAL EXPERT FOR *STATE INFANT CHILD DEATH REVIEW BOARD/RIVER VALLEY TEAM*



**CHRISTY S. CUNNINGHAM, D.O.**  
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#### **EDUCATION/TRAINING**

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- **FORENSIC PATHOLOGY FELLOWSHIP**  
*EMORY UNIVERSITY/FULTON COUNTY MEDICAL EXAMINER'S OFFICE*  
*ATLANTA, GA, 2015-2016*
- **ANATOMIC PATHOLOGY RESIDENCY**  
*GEORGIA REGENTS' UNIVERSITY (FORMERLY MEDICAL COLLEGE OF GEORGIA)*  
*AUGUSTA, GA, 2012-2015*
- **DOCTOR OF OSTEOPATHIC MEDICINE**  
*PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE, 2008-2012*
  - **CLINICAL ROTATIONS WITH HONORS:**
    - DERMATOLOGY, GWINNETT DERMATOLOGY
    - FAMILY MEDICINE/OMM, LOGANVILLE FAMILY MEDICINE
    - FAMILY MEDICINE/RURAL/UNDERSERVED, DEKALB BOARD OF HEALTH
    - FAMILY MEDICINE/RURAL/UNDERSERVED, DEKALB FAMILY PHYSICIANS
    - FORENSIC PATHOLOGY, DEKALB COUNTY MEDICAL EXAMINER'S OFFICE
    - GENERAL SURGERY, GWINNETT MEDICAL CENTER
    - INTERNAL MEDICINE, GWINNETT MEDICAL CENTER
    - ORTHOPEDIC SURGERY, BARROW REGIONAL MEDICAL CENTER
    - SURGICAL PATHOLOGY, GEORGIA HEALTH SCIENCES UNIVERSITY
    - SURGICAL PATHOLOGY, HOUSTON MEDICAL CENTER
- **BACHELOR OF SCIENCE, BIOMEDICAL SCIENCE**  
*UNIVERSITY OF SOUTH FLORIDA, HONOR'S COLLEGE, 2006-2008*  
*GRADUATED CUM LAUDE*

#### **PROFESSIONAL ACTIVITIES/ACADEMIC APPOINTMENTS**

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- **FORENSIC PATHOLOGY INTERNSHIP, 2012-2013**  
*FULTON COUNTY MEDICAL EXAMINER'S OFFICE, ATLANTA, GA*
- **FORENSIC PATHOLOGY INTERNSHIP, 2011-2012**  
*DEKALB COUNTY MEDICAL EXAMINER'S OFFICE, DECATUR, GA*
- **SENIOR AUTOPSY ASSISTANT, 2011-2012**  
*HOUSTON MEDICAL CENTER, WARNER ROBINS, GA*
- **STUDENT REPRESENTATIVE FOR CLINICAL EDUCATION/GRADUATE MEDICAL EDUCATION, 2010-2012**  
*PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE*
- **CLINICAL ROTATION GROUP LEADER, J1/S1, 2010-2012**  
*PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE*



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- **STUDENT REPRESENTATIVE FOR GRADUATE MEDICAL EDUCATION/CLINICAL EDUCATION, 2010-2012**  
*PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE*
- **GROSS ANATOMY LAB ASSISTANT, 2009-2010**  
*PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE*
- **STUDENT LIAISON FOR OFFICE OF CLINICAL EDUCATION, 2008- 2012**  
*PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE*
  - **OFFICE OF STUDENT AFFAIRS ASSISTANT, 2008-2009**  
*PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE*
- **BOARD MEMBER FOR STUDENT GOVERNMENT ASSOCIATION, 2004-2006**  
*HILLSBOROUGH COMMUNITY COLLEGE, TAMPA, FL*
- **BOARD REPRESENTATIVE FOR HEALTH PRE-PROFESSIONAL ORGANIZATION, 2004-2006**  
*HILLSBOROUGH COMMUNITY COLLEGE, TAMPA, FL*
- **CLUB LIAISON FOR HEALTH PRE-PROFESSIONAL ORGANIZATION, 2004-2006**  
*HILLSBOROUGH COMMUNITY COLLEGE, TAMPA, FL*

#### AWARDS/SCHOLARSHIPS

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##### *AWARDS*

- **GOLDEN KEY NOMINATION, 2006-2007**  
*UNIVERSITY OF SOUTH FLORIDA, TAMPA, FL*
- **OUTSTANDING LEADERSHIP, 2005-2006**  
*HEALTH PRE-PROFESSIONAL ORGANIZATION, HILLSBOROUGH COMMUNITY COLLEGE, TAMPA, FL*
- **SERVICE AND DEDICATION, 2005-2006**  
*STUDENT GOVERNMENT ASSOCIATION, HILLSBOROUGH COMMUNITY COLLEGE, TAMPA, FL*

##### *SCHOLARSHIPS*

- **PCOM FOUNDATION SCHOLARSHIP, 2010-2012**  
*PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE*
- **T.M. ROWLAND JR. SCHOLARSHIP, 2010-2011**  
*PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE*
- **BOARD OF TRUSTEE'S SCHOLARSHIP, 2009-2012**  
*PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE*
- **HONOR'S COLLEGE SCHOLARSHIP, 2006-2008**  
*UNIVERSITY OF SOUTH FLORIDA*

#### PUBLICATIONS/RESEARCH

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- **J. BHAGATWALA, S. MUHAMMED, C. SHERMAN, C. CUNNINGHAM, M. TOSCANO, AND S. SRIDHAR.**  
**"AMYLOIDOSIS OF DUODENUM," THE AMERICAN JOURNAL OF GASTROENTEROLOGY, 2015.**



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- C.S. STOVER AND C.M. LITWIN. "*THE EPIDEMIOLOGY OF UPPER RESPIRATORY INFECTIONS AT A TERTIARY CARE CENTER: PREVALENCE, SEASONALITY AND CLINICAL SYMPTOMS*," JOURNAL OF RESPIRATORY MEDICINE, 2014.

#### **PRESENTATIONS**

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- "*FORENSIC PATHOLOGY: AN OSTEOPATHIC VIEW*"  
AOA CME CONFERENCE, ATLANTA, GA, 4/2019.
- "*CHILD MORTALITY IN ARKANSAS*"  
CHILD ABUSE AND NEGLECT CONFERENCE, HOT SPRINGS CONVENTION CENTER, 10/2017.
- "*THE LADY IN THE FREEZER*"  
AMERICAN ASSOCIATION OF FORENSIC SCIENCES ANNUAL INTERESTING CASE CONFERENCE, 2/2016.  
"*HEROIN TRENDS IN METRO-ATLANTA: A RETROSPECTIVE SURVEY*"  
PHYSICIAN CASE CONFERENCE, GEORGIA BUREAU OF INVESTIGATION, 1/2016.
- "*FULTON COUNTY TRIFECTA*"  
CLINICAL PATHOLOGY EVIDENCE BASED MEDICINE CONFERENCE, EMORY UNIVERSITY, 11/2015.
- "*VIRTOPSY AND FORENSIC PATHOLOGY: A NEW DIMENSION*"  
ANATOMICAL PATHOLOGY EVIDENCE BASED MEDICINE CONFERENCE, GEORGIA REGENTS' UNIVERSITY, 5/2014.
- "*SCHISTOSOMIASIS*"  
AP/CP INTERESTING CASE CONFERENCE, GEORGIA REGENTS' UNIVERSITY, 4/2014.
- "*PHOTOPHERESIS*"  
CLINICAL PATHOLOGY/ BLOOD BANK INTERESTING CASE CONFERENCE, GEORGIA REGENTS' UNIVERSITY, 4/2014.
- "*COMPARISON OF RSV TESTING METHODS*"  
AP/CP EVIDENCE BASE MEDICINE CONFERENCE, GEORGIA REGENTS' UNIVERSITY, 3/2014.
- "*CONGENITAL CATASTROPHE*"  
ANATOMICAL PATHOLOGY INTERESTING CASE CONFERENCE, GEORGIA REGENTS' UNIVERSITY, 12/2013.
- "*PLASMA CELL NEOPLASMS*"  
CLINICAL PATHOLOGY/HEMATOPATHOLOGY INTERESTING CASE CONFERENCE, GEORGIA REGENTS' UNIVERSITY, 10/2013.
- "*LAB MANAGEMENT*"  
CLINICAL PATHOLOGY ASCP CONFERENCE, GEORGIA REGENTS' UNIVERSITY, 6/2013.
- "*ACETAMINOPHEN OVERDOSE*"  
CLINICAL PATHOLOGY/CHEMISTRY INTERESTING CASE CONFERENCE, GEORGIA REGENTS' UNIVERSITY, 5/2013.
- "*PAPILLARY BREAST LESIONS*"  
ANATOMICAL PATHOLOGY EVIDENCE BASED MEDICINE CONFERENCE, GEORGIA REGENTS' UNIVERSITY, 2/2013.



Jami Cook  
**SECRETARY**

# ARKANSAS STATE CRIME LABORATORY

**LITTLE ROCK**  
#3 Natural Resources Drive  
Little Rock AR 72205  
(501) 227-5747

**LOWELL**  
1120 West Monroe Avenue  
Lowell AR 72745  
(479) 365-8717

**HOPE**  
2500 South Main Street  
Hope AR 71802  
(870) 722-8530



Kermit B. Channell II  
**DIRECTOR**

June 7, 2021

Secretary Cook  
Arkansas Department of Public Safety  
One State Police Plaza Drive Little Rock, AR 72209

Re: Associate and Chief Medical Examiner

Dear Secretary Cook,

The Arkansas State Crime Laboratory has interviewed a qualified candidate for the position of Chief Forensic Pathologist as well as the position of Associate Forensic Pathologist for the Medical Examiner Section of the laboratory.

The candidate for the Chief Medical Examiner position is exceptionally well qualified and has all the necessary educational requirements to practice Forensic Pathology. I am requesting to offer \$350,000.00 for this position and seek appropriate approval from the Personnel Committee.

The candidate for the Associate Medical Examiner position is also exceptionally well qualified and has all the necessary educational requirements to practice Forensic Pathology. I am requesting to offer \$260,000.00 for this position and seek appropriate approval from the Personnel Committee.

Thank you for your consideration,

Respectfully submitted,

Kermit B. Channell, Director



**Theodore Thurman Brown, MD**  
Assistant Professor and Medical Director, Department of Pathology  
Program Director, Forensic Pathology Fellowship  
Deputy Medical Examiner  
Western Michigan University Homer Stryker M.D. School of Medicine

## **Education and Postdoctoral Training**

### Education

08/2003 - 05/2007	BS, Science Pre-Professional & Anthropology, <i>cum laude</i> , University of Notre Dame, Notre Dame, IN
08/2007 - 05/2011	MD, Indiana University School of Medicine, Indianapolis, IN

### Postdoctoral Training

06/2011 - 06/2015	Resident, Anatomic and Clinical Pathology, University of Michigan, Department of Pathology, Ann Arbor, MI <ul style="list-style-type: none"><li>• Assistant Chief Resident, 07/2013 - 06/2014</li><li>• Chief Resident, 07/2014 - 06/2015</li></ul>
07/2015 - 06/2016	Fellowship, Forensic Pathology, Miami-Dade County Medical Examiner Department, Miami, FL

## **Certification and Licensure**

### Certification

07/2015 - Present	Anatomic and Clinical Pathology, American Board of Pathology
09/2016 - Present	Forensic Pathology, American Board of Pathology

### Licensure

Present - 01/2022	State of Michigan Physician License #4301098272
Present - 01/2022	State of Michigan Controlled Substance License #5315069595

## **Academic, Administrative, and Clinical Appointments**

07/2019 - Present	Vice Chair, Medical Student Admissions Committee, Western Michigan University Homer Stryker M.D. School of Medicine
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04/2019 - Present	Program Director, Accreditation Council for Graduate Medical Education (ACGME) Forensic Pathology Fellowship, Department of Pathology, Western Michigan University Homer Stryker M.D. School of Medicine
11/2018 - Present	Medical Director, Department of Pathology, Western Michigan University Homer Stryker M.D. School of Medicine
07/2017 - Present	Assistant Professor of Pathology and Deputy Medical Examiner, Western Michigan University Homer Stryker M.D. School of Medicine
07/2016 - 07/2017	Assistant Professor of Pathology and Deputy/Assistant Medical Examiner, University of Michigan, Department of Pathology

### Grants

2018 - Present	Investigator, Investigations on the Cellular and Morphologic Characteristics of Cranial Vault Fracture: Research and Development of a Time since Fracture Protocol, National Institute of Justice, Research Grant, \$576,000.
2020 - Present	Principal Investigator, Strengthening the Medical Examiner-Coroner System Program: Forensic Pathology Fellowships, Office of Justice Programs (OJP), U.S. Department of Justice (DOJ), \$123,362.

### Publications

1. Mordan-McCombs S, **Brown T**, Zinser G, Welsh J, Tenniswood M: Dietary calcium does not affect prostate tumor progression in LPB-Tag transgenic mice. *J Steroid Biochem Mol Biol.* 103(3-5):747-51, 2007 Mar.
2. Mordan-McCombs S, **Brown T**, Wang WL, Gaupel AC, Welsh J, Tenniswood M: Tumor progression in the LPB-Tag transgenic model of prostate cancer is altered by vitamin D receptor and serum testosterone status. *J Steroid Biochem Mol Biol.* 121(1-2):368-71, 2010 Jul.
3. Gunderman RB, **Brown TT**: A diagnosis of cancer: understanding and empowering the patient. *AJR Am J Roentgenol.* 195(6):1339-41, 2010 Dec.
4. Gunderman RB, **Brown T**: Emotional Intelligence. *J Am Coll Radiol.* 8(5):298-9, 2011 May.

5. **Brown TT**, Choi EY, Thomas DG, Hristov AC, Chan MP: Comparative analysis of rosacea and cutaneous lupus erythematosus: histopathologic features, T-cell subsets, and plasmacytoid dendritic cells. *J Am Acad Dermatol*. 71(1):100-7, 2014 Jul.
6. Haller, Leslie A and **Brown, Theodore**: Upper-Lip Frenum as a Predictive Marker for Unexpected and Unexplained Asphyxia in Infants. *J of Rare Disorders: Diagnosis & Therapy*. Vol. 2, No.2:38, March 2016.
7. **Brown TT**, Batalis NI, McClain JL, Corey T, Collins KA, Jentzen JM, Prahlow JA. A Retrospective Study of the Investigation of Homicidal Childhood Asphyxial Deaths. *J Forensic Sci*. 2018 Jul;63(4):1160-1167.
8. **Brown TT**, Prahlow JA. Postmortem Serum Amylase and Lipase Analysis in the Diagnosis of Acute Pancreatitis. *Acad Forensic Pathol*. 2018 8(2): 311-323.
9. Rimola J, Davenport MS, Liu PS, **Brown T**, Marrero JA, McKenna BJ, Hussain HK. Diagnostic accuracy of MRI with extracellular vs. hepatobiliary contrast material for detection of residual hepatocellular carcinoma after locoregional treatment. *Abdom Radiol (NY)*. 2018 Sep 14.
10. Tribett T, Erskine B, Bailey K, **Brown T**, Castellani RJ. Chronic Traumatic Encephalopathy Pathology after Shotgun Injury to the Brain. *J Forensic Sci*. 2019 Jan 15.
11. **Brown, TT**. Suspected Fire Deaths: Review of the Key Components of Multi-Agency Scene Investigation, Postmortem Examination Findings, and Ancillary Studies. *ASCP Case Rep Forensic Pathol*. 2019;FP1902.
12. Prahlow JA, Ashraf Z, Plaza N, Rogers C, Ferreira P, Fowler DR, Blessing MM, Wolf DA, Graham MA, Sandberg K, **Brown TT**, Lantz PE. Elevator-Related Deaths. *J Forensic Sci*. 2019 Nov 8.
13. Conway K, Rayes O, **Brown T**, Webb M. Atherosclerotic and Hypertensive Cardiovascular Disease are Associated with Death at Sublethal Carboxyhemoglobin Levels: A Postmortem Study. *J Forensic Sci*. 2019 Dec 19.
14. Abiragi M, Bauler LD, **Brown T**. Importance and Approach to Manner of Death Opinions in Opioid-Related Deaths. *J Forensic Sci*. 2020 Jan 2.
15. Magidenko M, **Brown TT**. Pulmonary Thromboembolism and Deep Venous Thrombosis: Pulmonary Thromboembolism and Deep Venous Thrombosis: Review of Risk Factors, Pathophysiology, Autopsy Identification, and Forensic Pathology Implications. *ASCP Case Rep Forensic Pathol*. 2020;FP2001.
16. Frederick J, Dewey J, **Brown TT**. Pathophysiology, medicolegal death investigation, postmortem examination, and ancillary studies in suspected drowning-related deaths. *ASCP Case Rep Forensic Pathol*. 2020;FP2003.

17. Conway KS, Schmidt CJ, **Brown TT**. Medical Examiner Review of the Characteristics of Fire-Related Homicides. *Acad Forensic Pathol*. 2020 Jun;10(2):87-93.
18. Zou J, Bauler LD, **Brown TT**. An Illustrative Case of Suicidal Hanging Versus Accidental Hanging Associated With Autoerotic Activity: Necessary Medicolegal Death Investigation and Role of Cognitive Bias. *Am J Forensic Med Pathol*. 2020 Sep;41(3):220-222.
19. deJong JL, Lee J, Grande A, Huffman C, Bielby C, **Brown T**. Positional Asphyxia in Opioid-Related Deaths: Is It Being Overlooked? *J Forensic Sci*. 2020 Nov;65(6):2008-2012.
20. Mecklenburg KL, **Brown TT**. Forensic pathology approach to suspected asphyxial deaths. *ASCP Case Rep Forensic Pathol*. 2020;FP2006.
21. Tamburro L, **Brown T**, Bauler LD. A Case of Crossbow Homicide With Review of Crossbow Injuries and Manner of Death Considerations. *Am J Forensic Med Pathol*. 2020 Dec;41(4):315-320.
22. Prahlow SP, **Brown TT**, Dye DW, Poulos CK, Prahlow JA. "Comet-Tailing" associated with gunshot entrance wounds. *J Forensic Sci*. 2021 Apr 7.

### Scientific Presentations

1. **Brown T**, McKenna J: Body orientations, sleep positions, and breast feeding behavior amongst solitary and co-sleeping (bed sharing) human mother-infant pairs: mutual physiological regulatory effects, American Association of Physical Anthropologists 74<sup>th</sup> Annual Meeting, Milwaukee, WI, April 2005. *Poster Presentation*.
2. **Brown T**, Mordan-McCombs S, Zinser G, Welsh J, Tenniswood M: Histologic analysis of prostate tumor progression in LPB-tag transgenic mice, Undergraduate Research Symposium, University of Notre Dame, April 2006, Notre Dame, IN. *Poster Presentation*.
3. **Brown T**: Fine needle aspiration cytology of intraductal papillary mucinous neoplasm of the of the pancreas: a study of 128 FNA cases with correlating histopathology, United States and Canadian Academy of Pathology 99<sup>th</sup> Annual Meeting, Washington, DC, March 2010. *Poster Presentation*.
4. **Brown T**: Arrhythmogenic right ventricular cardiomyopathy, University of Michigan Advances in Forensic Medicine & Pathology, May 2012, Ann Arbor, MI. *Oral Presentation*.
5. **Brown T**: Pseudohyponatremia in the chemistry laboratory, Michigan Section of American Association for Clinical Chemistry, November 2012, Livonia, MI. *Oral Presentation*.
6. **Brown T**, Choi K, Thomas D, Hristov A, Chan M: T-cell subsets and plasmacytoid dendritic cells in rosacea and cutaneous lupus erythematosus: a comparative

immunophenotypic analysis, United States and Canadian Academy of Pathology 102<sup>nd</sup> Annual Meeting, Baltimore, MD, March 2013. *Poster Presentation.*

7. **Brown T**, Jentzen JM: The importance of autopsy in deaths due to choking, American Academy of Forensic Sciences 65<sup>th</sup> Annual Scientific Meeting, Washington, DC, D82, February 2013 and Michigan Association of Medical Examiners Fall Conference, October 2013, Mt. Pleasant, MI. *Oral Presentation.*
8. **Brown T**: Take your victims as you find them, Michigan Association of Medical Examiners Fall Conference, October 2013, Mt. Pleasant, MI. *Oral Presentation.*
9. **Brown T**: Rollover car accidents, University of Michigan Advances in Forensic Medicine & Pathology, University of Michigan, May 2014, Ann Arbor, MI. *Oral Presentation.*
10. **Brown T**, Batalis N, McClain J, Corey T, Collins K, Jentzen JM, Prahlow J: A retrospective study of the histologic features and scene investigation in the differential of homicidal and accidental childhood asphyxial deaths, American Academy of Forensic Sciences 68<sup>th</sup> Annual Scientific Meeting, Las Vegas, NV, February 2016. *Poster Presentation.*
11. **Brown T**: Case Report: Lightning Strike, University of Michigan Advances in Forensic Medicine & Pathology, May 2017, Ann Arbor, MI. *Oral Presentation.*
12. **Brown T**, Knitson A, Conway K, Schmidt C: Homicide Death Review of Children Under the Age of Ten in Wayne County, Michigan, International Association of Forensic Sciences, Toronto, Canada, August 2017. *Oral Presentation.*
13. Conway K, Schmidt C, **Brown T**: Characteristics of Fire and Carbon Monoxide-Related Homicides in Wayne County, Michigan, National Association of Medical Examiners 2017 Annual Meeting, Scottsdale, Arizona, October 2017. *Oral Presentation.*
14. **Brown T**, Markey M, Grande A, deJong J: Not So Straightforward Hanging Deaths, National Association of Medical Examiner 2018 Annual Meeting, West Palm Beach, Florida, October 2018 and Michigan Association of Medical Examiners Fall Conference, Mt. Pleasant, MI, October 2018. *Oral Presentation.*
15. Prahlow J, Ashraf Z, Plaza N, Rogers C, Ferreira P, Fowler D, Blessing M, Wolf D, Graham D, Sandberg K, Timm K, **Brown T**, Lantz P: Elevator-Related Deaths, American Academy of Forensic Sciences 71st Annual Scientific Meeting, Baltimore, MD, February 2019. *Oral Presentation.*
16. Castellani R, Tribett T, **Brown T**: Chronic Traumatic Encephalopathy Pathology Following Shotgun Injury to the Brain, American Academy of Forensic Sciences 71st Annual Scientific Meeting, Baltimore, MD, February 2019. *Poster Presentation.*

17. Lin C, Catania J, **Brown T**: An Analysis of Risk Factors Involving All-Terrain Vehicle (ATV) Deaths, American Academy of Forensic Sciences 71st Annual Scientific Meeting, Baltimore, MD, February 2019. *Poster Presentation.*
18. Magidenko M, Jones P, Grande A, **Brown T**: Trends in Opioid-Related Deaths in Kalamazoo County, Michigan, 37th Annual Kalamazoo Community Medical and Health Sciences Research Day, Kalamazoo, Michigan, April 2019. *Poster Presentation.*
19. Liu G, **Brown T**: Saccular Aneurysm Rupture with Simultaneous, Non-Contributory Heroin Use, 37th Annual Kalamazoo Community Medical and Health Sciences Research Day, Kalamazoo, Michigan, April 2019. *Poster Presentation.*
20. Lee N, **Brown T**: Maternal Death by Fire and Fetal Carboxyhemoglobin Level, 37th Annual Kalamazoo Community Medical and Health Sciences Research Day, Kalamazoo, Michigan, April 2019. *Poster Presentation.*
21. Zou J, **Brown T**, Bauler L: Accidental Hanging: A Case of Autoerotic Asphyxiation Determined After Additional Information from Family, 37th Annual Kalamazoo Community Medical and Health Sciences Research Day, Kalamazoo, Michigan, April 2019. *Poster Presentation.*
22. Tamburro L, **Brown T**, Bauler L: Crossbow Homicides: More Common Than Reported?, 37th Annual Kalamazoo Community Medical and Health Sciences Research Day, Kalamazoo, Michigan, April 2019. *Poster Presentation.*
23. Abiragi M, Bauler L, **Brown, T**: Importance and Approach to Manner of Death Determination in Opioid-Related Deaths, 37th Annual Kalamazoo Community Medical and Health Sciences Research Day, Kalamazoo, Michigan, April 2019. *Poster Presentation.*
24. Ahmed N, Bauler L, deJong J, Pender J, **Brown T**, Prahlow J: Cable-Tie Neck Ligatures – A Series of 5 Cases, Ligation Strangulation Using Cable Ties: 5 Cases. 37th Annual Kalamazoo Community Medical and Health Sciences Research Day, Kalamazoo, Michigan, April 2019. *Poster Presentation.*
25. Yousif P, Jones P, Grande A, **Brown T**: Importance of Scene Investigation and Toxicology Interpretation in Non-Accidental Opioid-Related Deaths, National Association of Medical Examiners 2019 Annual Meeting, Kansas City, Missouri, October 2019. *Poster Presentation.*
26. Tamburro L, **Brown T**, Bauler L: Crossbow Homicides: More Common Than Reported?, National Association of Medical Examiners 2019 Annual Meeting, Kansas City, Missouri, October 2019. *Poster Presentation.*
27. **Brown T**: Homicide by Unspecified Means, Michigan Association of Medical Examiners Fall Conference, Mt. Pleasant, MI, November 2019. *Oral Presentation.*

28. Prahlow S, **Brown T**, Dye D, Prahlow J: “Comet-Tailing” Associated With Gunshot Entrance Wounds, American Academy of Forensic Sciences 72nd Annual Scientific Meeting, Anaheim, CA, February 2020. *Poster Presentation.*
29. Peltier S, Molosky J, **Brown T**, Prahlow J: Cardiac Amyloidosis - Two Cases, American Academy of Forensic Sciences 72nd Annual Scientific Meeting, Anaheim, CA, February 2020. *Poster Presentation.*
30. Oldford E, Jones P, Hutchins K, **Brown T**: Homicidal Paraquat-Induced Respiratory Failure: A Case Report and Overview of Paraquat Testing in the Forensic Setting, American Academy of Forensic Sciences 72nd Annual Scientific Meeting, Anaheim, CA, February 2020. *Oral Presentation.*
31. St. Louis, H, Cornelison J, Isaac C, **Brown T**: Homicide by Unspecified Means: The Importance of a Forensic Pathologist and Anthropologist Teamwork Approach in Death Scene Investigation and Postmortem Analysis, American Academy of Forensic Sciences 72nd Annual Scientific Meeting, Anaheim, CA, February 2020. *Poster Presentation.*
32. Lee N, **Brown T**: Maternal Death by Fire and Fetal Carboxyhemoglobin Levels, American Academy of Forensic Sciences 72nd Annual Scientific Meeting, Anaheim, CA, February 2020. *Poster Presentation.*
33. Cornelison, J, Isaac C, Lackey-Cornelison W, Shattuck B, deJong J, Fisher-Hubbard A, **Brown T**, Douglas E, Prahlow J: The Histomorphology of Cranial Fracture Healing: Preliminary Observations, American Academy of Forensic Sciences 72nd Annual Scientific Meeting, Anaheim, CA, February 2020. *Oral Presentation.*
34. Sheakley M, Bauler T, Greene J, Shelton J, **Brown T**: Does Taking Gap Years Impact Success in Medical School? Accepted for Oral Presentation, International Association of Medical Science Educators, Denver, CO, June 2020 (cancelled due to COVID-19).
35. Brooks J, Grande A, Prahlow J, **Brown T**. Medicolegal Death Investigation of Railroad-Related Fatalities, National Association of Medical Examiners 2020 Annual Meeting, Virtual Conference, October 2020. *Oral Presentation.*
36. deJong JL, Lee J, Huffman C, Grande A, Bielby C, **Brown T**. Positional Asphyxia In Opioid-Related Deaths: Is It Being Overlooked? National Association of Medical Examiners 2020 Annual Meeting, Virtual Conference, October 2020. *Oral Presentation.*
37. **Brown T**. Asphyxial-Related Deaths. Michigan Association of Medical Examiners Fall Conference, Virtual, November 2020. *Oral Presentation.*
38. Brooks J, Grande A, Prahlow J, **Brown T**. Medicolegal Death Investigation of Railroad-Related Fatalities, Michigan Association of Medical Examiners Fall Conference, Virtual, November 2020. *Oral Presentation.*

39. Ramos C, Grande A, Jones P, Prahlow J, **Brown, T.** Medicolegal Death Investigation and Review of Inhalant-Related Deaths, American Academy of Forensic Sciences 73rd Annual Scientific Meeting, Virtual, February 2021. *Oral Presentation.*
40. Magidenko M, Fisher-Hubbard A, Prahlow J, **Brown T.** Retinal Hemorrhages (RH) in a 6-Month-Old Child Related to Disseminated Intravascular Coagulation, American Academy of Forensic Sciences 73rd Annual Scientific Meeting, Virtual, February 2021. *Poster Presentation.*
41. Brooks J, **Brown T,** deJong J, Shattuck B, Prahlow J. Suicidal Firearms Injuries of the Back of the Head/Neck: A Case Series, American Academy of Forensic Sciences 73rd Annual Scientific Meeting, Virtual, February 2021. *Oral Presentation.*

### **Honors and Awards**

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| 2018 | Journal of Forensic Sciences, Pathology/Biology Noteworthy Article<br><b>Brown TT,</b> Batalis NI, McClain JL, Corey T, Collins KA, Jentzen JM, Prahlow JA. A Retrospective Study of the Investigation of Homicidal Childhood Asphyxial Deaths. J Forensic Sci. 2018 Jul;63(4):1160-1167. |
| 2019 | American Society of Clinical Pathology, 40 Under Forty High-Achieving Pathologists and Laboratory Professionals Honored for Professional Excellence   |
| 2020 | National Association of Medical Examiners, Annual Meeting Presentation, Susan P. Baker Public Health Impact Award<br>deJong JL, Lee J, Grande A, Huffman C, Bielby C, <b>Brown T.</b> Positional Asphyxia in Opioid-Related Deaths: Is It Being Overlooked?                               |

### **Committees**

#### National

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|-------------|--|
| 2017        | Translational Breast Cancer Research Consortium, Correlative Science Working Group, Member       |
| 2018 - 2019 | National Association of Medical Examiners (NAME), Membership and Credentials Committee, Member   |
| 2018        | National Association of Medical Examiners (NAME), 2018 Annual Meeting Planning Committee, Member |



2018 - Current	Case Reports Forensic Pathology Subcommittee, American Society for Clinical Pathology (ASCP), Member
2019	National Association of Medical Examiners (NAME), Education / Program Committee, Member
2019	National Association of Medical Examiners (NAME), Forensic Fellow In-Service Exam, Member
2019 - 2020	Organization of Scientific Area Committees (OSAC), Medicolegal Death Investigation Subcommittee, Member
2020	National Association of Medical Examiners (NAME), Membership and Credentials Committee, Co-Chair
2020 - Current	National Association of Medical Examiners (NAME), Ad-Hoc, Workplace Stress and Wellness, Member
2020 - Current	National Association of Medical Examiners (NAME), Educational Activities Committee, Member
2020 - Current	Organization of Scientific Area Committees (OSAC), Medicolegal Death Investigation Subcommittee, Vice Chair
2021 - Current	National Association of Medical Examiners (NAME), Membership and Credentials Committee, Chair
2021 - Current	National Association of Medical Examiners (NAME), Forensic Pathology Fellowship Training, Member

#### Regional

2014 - 2015	Michigan Society of Pathologists Resident Trainee Committee, Member
2017 - 2018	2018 Annual Michigan Association of Medical Examiners (MAME) Conference, Co-Chair
2017 - Current	Michigan Association of Medical Examiners (MAME), Executive Committee Member

#### Institutional

2013 - 2014	University of Michigan Pathology Department Anatomic Pathology Operations Committee, Member
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- 2016 - 2017 University of Michigan Rapid Autopsy Program, “Michigan Legacy Tissue Program,” Member
- 2016 - 2017 University of Michigan, Department of Pathology, Patients and Families Advisory Council, Member
- 2017 - 2019 Western Michigan University Homer Stryker M.D. School of Medicine, Admissions Committee, Member
- 2019- Current Western Michigan University Homer Stryker M.D. School of Medicine, Admissions Committee, Vice Chair
- 2019 - Current Western Michigan University Homer Stryker M.D. School of Medicine Graduate Medical Education Committee, Member

### **Teaching and Lectures**

- 2013 University of Michigan Graduate School, Assistant Instructor for Graduate Course, “Pathology 862, Translational Pathology,” Ann Arbor, MI
- 2015 University of Miami Miller School of Medicine, “Forensic pathology: Cause, manner, and mechanism of death and Postmortem Changes,” Miami, FL
- 2016 Wayne County Medical Examiner Office, Medico-Legal Seminar (October) and Oakland University Forensic Nursing Graduate Program (November), “Blunt Force Trauma,” Detroit, MI
- 2016 - 2017 University of Michigan and Wayne County pathology resident lecture, “Forensic pathology: Cause, manner, and mechanism of death and Postmortem Changes,” Detroit, MI
- 2018 Western Michigan University Cooley Law School, “Forensic Pathology: Case Review and Discussion,” Grand Rapids, MI
- 2018 Alpha Epsilon Delta, Western Michigan University, “Pre-Health Panel,” Kalamazoo, MI
- 2019 Victim Advocates, “Role of the Medical Examiner Office,” Calhoun County, MI
- 2019 Big Sky Athletic Training Sports Medicine Conference, “Sports-Related Fatalities: A Forensic Pathologist’s Perspective,” Big Sky, MT

- 2019 WMed Medicolegal Death Investigator Training, “Role of the Medicolegal Death Investigator, An Overview of the 29 Tenets of Death Investigation. Based on the National Institute of Justice publication: Death Investigation - A Guide for the Scene Investigator and NAME Autopsy Performance Standards,” Kalamazoo, MI
- 2019 WMed Medicolegal Death Investigator Training, “Blunt and Sharp Force Injuries,” Kalamazoo, MI
- 2019 WMed Medicolegal Death Investigator Training, “Death Scene Practicum - Elder Neglect,” Kalamazoo, MI
- 2019 WMed Medicolegal Death Investigator Training, “Suicides and Deaths in Custody,” Kalamazoo, MI
- 2017 - Current Western Michigan University Homer Stryker M.D. School of Medicine, “Tubulointerstitial and Urinary Pathology, Including Renal Vascular Disease, Renal Calculi, and Neoplasia,” Kalamazoo, MI
- 2018 Western Michigan University Homer Stryker M.D. School of Medicine, “Adrenal Gland Pathology” and “Lung Cancer Pathology,” Kalamazoo, MI
- 2019 - Current Western Michigan University Homer Stryker M.D. School of Medicine, “Breast Pathology” and “Pathology of Suicide,” Kalamazoo, MI
- 2020 Western Michigan University Homer Stryker M.D. School of Medicine, “Pathology of Atherosclerosis,” Kalamazoo, MI

### **Memberships**

National Association of Medical Examiners (NAME)  
 Michigan Association of Medical Examiners (MAME)  
 American Academy of Forensic Sciences (AAFS)  
 American Society for Clinical Pathology (ASCP)