

Casey P. Bitting, DO, FCAP

Forensic Pathologist
 Arapahoe County Coroner's Office
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Employment

7/2018 – Current **Arapahoe County Coroner's Office**
 Forensic Pathologist
 9/2018 – Current **Rocky Mountain Forensic Pathology, LLC**
 Forensic Pathologist
 12/2023 – 12/2025 **Forensic Pathology Services**
 Locum tenens forensic pathologist, Lubbock County Medical Examiner

Board Certifications

9/5/2018 **Forensic Pathology** – American Board of Pathology Board Certification
 5/7/2018 **Anatomic Pathology** – American Board of Pathology Board Certification

Education

2017-2018 **Office of the Chief Medical Examiner State of Maryland**
 Fellowship in Forensic Pathology
 2013-2017 **University of New Mexico School of Medicine, Department of Pathology**
 Resident in Anatomical and Clinical Pathology
 2009-2013 **Rocky Vista University College of Osteopathic Medicine**
 Doctor of Osteopathic Medicine (D.O.), May 2013
 Class rank 5/155, GPA 93.5%
 2007-2008 **Colorado Mesa University**
 Premedical coursework
 2003-2005 **University of Pennsylvania School of Veterinary Medicine**
 Veterinary medicine curriculum
 1999-2003 **Bucknell University**
 Bachelor of Science in Biology, Cum Laude, May 2003
 Minor in Women's and Gender Studies

Medical Licensure

2015-current **State of New Mexico** - Doctor of Osteopathic Medicine (D.O.) license
 2018-current **State of Colorado** - Doctor of Osteopathic Medicine (D.O.) license
 2023-current **State of California** - Doctor of Osteopathic Medicine (D.O.) license
 2023-current **State of Texas** - Doctor of Osteopathic Medicine (D.O.) license

Honors and Awards

May 16, 2013 **Top 10% in Academic Standing**
 Rocky Vista University College of Osteopathic Medicine
 May 16, 2013 **Excellence in Academic Achievement: Biomedical Sciences**
 Rocky Vista University College of Osteopathic Medicine
 May 2003 **Cum Laude, Bachelor of Science in Biology**
 Bucknell University

Publications

- 2025 Bitting C. College of American Pathologists (CAP) Forensic Pathology Resource Committee. 2025 FR-A Forensic Pathology Program: Case 4: **Blunt Force Injuries – Delayed Complications of Injury Death Certification**. Northfield, IL: CAP; 2025.
- 2024 Bitting C. College of American Pathologists (CAP) Forensic Pathology Resource Committee. 2024 FR-B Forensic Pathology Program: Case 10: **Blunt Force Injuries – Automobile Versus Pedestrian**. Northfield, IL: CAP; 2024.
- 2024 Bitting C. College of American Pathologists (CAP) Forensic Pathology Resource Committee. 2024 FR-A Forensic Pathology Program: Case 4: **Pediatric Fentanyl Toxicity Deaths**. Northfield, IL: CAP; 2024.
- 2023 Bitting C. College of American Pathologists (CAP) Forensic Pathology Resource Committee. 2023 Forensic Pathology Program: Case 3: **Novel psychoactive substances: mitragynine**. Northfield, IL: CAP; 2023.
- 2023 Bitting C. College of American Pathologists (CAP) Forensic Pathology Committee. 2023 Forensic Pathology Program: Case 8: **Disorders of coagulation**. Northfield, IL: CAP; 2023.
- 2022 Bitting C. College of American Pathologists (CAP) Forensic Pathology Resource Committee. 2022 FR-B Forensic Pathology Program: Case 7: **Positional and Mechanical Asphyxia**. Northfield, IL: CAP; 2022.
- 2021 Bitting CP. College of American Pathologists (CAP) Forensic Pathology Resource Committee. 2021 FR-B Forensic Pathology Program: Case 6: **Infant Death – Unsafe Sleeping Environment**. Northfield, IL: CAP; 2021.
- 2021 Bitting CP. College of American Pathologists (CAP) Forensic Pathology Resource Committee. 2021 FR-B Forensic Pathology Program: Case 9: **Cannabinoid Hyperemesis Syndrome**. Northfield, IL: CAP; 2021.
- 2021 Caruso, J Mittenzwei R, Bitting CP. College of American Pathologists (CAP) Forensic Pathology Resource Committee. 2021 FR-B Forensic Pathology Program: Case 10: **Drowning**. Northfield IL: CAP; 2021.
- 2019 “**Survival: A Unique Outcome in Large Cell Neuroendocrine Tumor of the Gallbladder.**” Shapera E, Bitting C. *Acta Gastro-enterologica Belgica*. 2019 Jul-Sep; 82(3):433-436. PMID:31566333.
- 2018 **Upregulation of P2Y2R, Active uPA, and PAI-1 Are Essential Components of Hantavirus Cardiopulmonary Syndrome.** Tione Buranda, Casey Bitting, Virginie Bondu, Joshua Hanson, Sarah Lathrop, Kurt Nolte, Daniel A Lawrence, Valerie Poland. *Frontiers in Cellular and Infection Microbiology*. 2018;169(8).
- 2017 Bitting C and Zumwalt R. **Repeat Coronary Artery Dissection in Pregnancy: A Case Report and Review of the Literature.** *Journal of Forensic Sciences*. 2017;62(5).
- 2017 “**Shotguns: not just for the birds.**” Andrew Baker, MD, and Casey Bitting, DO. College of American Pathologists (CAP) Case Studies. **Topic:** Shotguns, shotgun ammunition, and wound findings. Peer-reviewed article with Self-Assessment Module (SAM).

- 2016 Labay L, Bitting C, Legg K, Logan B. **The Determination of Insulin Overdose in Postmortem Investigations.** *Academic Forensic Pathology*. 2016;6(2). NMS Laboratories, Willow Grove, PA
- 2016 Bitting, C and Hanson, J. **Navajo Neurohepatopathy: A Case Report and Literature Review Emphasizing Clinicopathologic Diagnosis.** *Acta Gastro-enterologica Belgica*. University of New Mexico SOM, Department of Pathology.
- 2008 Lenaerts AJ. **Bitting C.** Woolhiser L. Gruppo V. Marietta KS. Johnson CM. Orme IM. **Evaluation of a 2-Pyridone, KRQ-10018, against *Mycobacterium tuberculosis*, In Vitro and In Vivo.** *Antimicrobial Agents and Chemother*.2008;52(4):1513-15.

Formal Presentations

- 2/23/2024 **Poster Presentation: “Analyzing the Past to Help Shape Our Children’s Futures: A Ten-Year Review of Pediatric Deaths in Arapahoe County, Colorado”.**
American Academy of Forensic Sciences (AAFS) Annual Meeting, Denver, CO.
Arapahoe County Coroner’s Office, Centennial, CO. Co-author: Emma Selner, DO.
- 10/2023-24 Platform Presentation: **“Pitfalls in Forensic Toxicological Death Investigation for the Hospital Pathologist.”**
College of American Pathologists (CAP) Annual Meeting. Potentially recurring presentation given at the CAP annual October meeting (10/8/2023 and 10/19/2024).
Co-presenter: Dr. James Gill.
- 2/22/2018 **Platform Presentation: “Comparison of Post-Mortem and Ante-Mortem CT for the Identification of Adults with Unique Anatomical Variations.”**
American Academy of Forensic Sciences (AAFS) Annual Meeting.
Office of the Chief Medical Examiner State of Maryland. Co-authors: Zabiullah Ali, M.D., Nikki Mourtzinis, D.O., and Robert Fowler, M.D.
- 2/26/2016 **Platform Presentation: “Recurrent Coronary Artery Dissection in Pregnancy.”**
American Academy of Forensic Sciences (AAFS) 2016 Annual Meeting, Las Vegas, NV.
Office of the Medical Investigator, Albuquerque, NM. Co-author: Ross Zumwalt, M.D.
- 10/5/2015 **Poster Presentation: “Sclerotic ‘Plywood’ Fibroma of the Rectum: A Hitherto Undescribed Mesenchymal Polyp in a Patient with Cowden Syndrome.”**
College of American Pathologists (CAP) Annual Meeting, Nashville, Tennessee.
University of New Mexico SOM, Dept. of Pathology. Co-author: Joshua Hanson, MD.
- 10/4/2015 **Poster Presentation: “Malignancy-Associated Pulmonary Embolism: A Case Report”.**
National Association of Medical Examiners (NAME) Annual Meeting, Charlotte, NC.
Office of the Medical Investigator, Albuquerque, NM. Co-author: Ross Zumwalt, M.D.
- 2011 **Platform Presentation: “Utilizing MD-CT for Evaluation of Concrete-Encased Human Remains.”**
American Academy of Forensic Sciences (AAFS) Annual Meeting, Chicago, IL.
Mesa County Coroner’s Office. Co-author: Robert Kurtzman, D.O.

Teaching and Leadership Experience

- April 2019 – current **Forensic Pathology Lecture Series, Guest Speaker**
University of Colorado Medical School, Pathology Residency
- July 2018 – current **Arapahoe County Coroner’s Office, Attending Physician**
Medical student, forensic science, and other student internships
Topics: Autopsy, Forensic Science, and Death Investigation
- 7/1/15-7/1/16 **Chief Resident, University of New Mexico SOM, Department of Pathology**
- 4/13/15 – 4/15/15 **Accreditation Council for Graduate Medical Education (ACGME) Multispecialty Leadership Skills Training Program for Chief Residents, Redondo Beach, CA.**
Topics: interpersonal communication and group dynamics

Research Experience

- 2023-2024 **Ten-Year Trends in Pediatric Deaths, Arapahoe County, Colorado**
With medical student abstract (poster) submission for the 2024 AAFS Meeting
- 2006-2007 **Research Associate, Multi-Drug Resistant *Mycobacterium tuberculosis***
Colorado State University, Dept. of Microbiology, Immunology and Pathology
- 2002-2003 **Research Assistant, Bucknell University, Dept. of Neuroscience and Psychology**

Editing Experience

- 2020-Current **Co-Lead Editor. College of American Pathologists (CAP) case reports.**
- 7/2017-2018 **Journal Article Summary Writer, *Academic Forensic Pathology* (AFP)
“Wednesday Morning Emails”**
- 2015-2018 **Junior Editor, *Academic Forensic Pathology* (AFP)**

Committee Memberships

- 2022 – Current **Denver Metro Domestic Violence Fatality Review, Committee Member**
- 2019 – 2024 **College of American Pathologists (CAP), Forensics Committee, Member and Chief Editor**
- 2018 – Current **Rocky Vista College of Osteopathic Medicine Board of Alumni**
- 2016 – 2017 **College of American Pathologists (CAP), Forensics Committee, Junior Member**

Professional Memberships

- 2019 – Current **American Academy of Forensic Sciences (AAFS) – Member**
- 2014 – Current **National Association of Medical Examiners (NAME)**
- 2013 – Current **College of American Pathologists (CAP) – Fellow**
- 2013 – Current **American Society for Clinical Pathology (ASCP)**

Volunteer Work and Community Service

- 11/12/2025 **Forensic Science Lecture, Guest Speaker**
Overland High School, Aurora CO
- 2/2019 **Pathology/Biology Session Moderator**
American Academy of Forensic Sciences, Annual Meeting, Baltimore, MD
- 11/2018 – 2020 **Forensic Science Course for 7th Graders, Guest Speaker**
Laredo Middle School, Aurora CO