

## Casey P. Bitting, DO, FCAP

Forensic Pathologist  
 Arapahoe County Coroner's Office  
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### Employment

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

### Board Certifications

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|----------|-----------------------------------------------------------------------------|
| 9/5/2018 | <b>Forensic Pathology</b> – American Board of Pathology Board Certification |
| 5/7/2018 | <b>Anatomic Pathology</b> – American Board of Pathology Board Certification |

### Education

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

### Medical Licensure

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|--------------|----------------------------------------------------------------------------|
| 2015-current | <b>State of New Mexico</b> - Doctor of Osteopathic Medicine (D.O.) license |
| 2018-current | <b>State of Colorado</b> - Doctor of Osteopathic Medicine (D.O.) license   |
| 2023-current | <b>State of California</b> - Doctor of Osteopathic Medicine (D.O.) license |
| 2023-current | <b>State of Texas</b> - Doctor of Osteopathic Medicine (D.O.) license      |

### Honors and Awards

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|--------------|--------------------------------------------------------------------------------------------------------------------------|
| May 16, 2013 | <b>Top 10% in Academic Standing</b><br>Rocky Vista University College of Osteopathic Medicine                            |
| May 16, 2013 | <b>Excellence in Academic Achievement: Biomedical Sciences</b><br>Rocky Vista University College of Osteopathic Medicine |
| May 2003     | <b>Cum Laude, Bachelor of Science in Biology</b><br>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

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

## Research Experience

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

## Editing Experience

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|--------------|------------------------------------------------------------------------------------------------------------|
| 2020-Current | <b>Co-Lead Editor. College of American Pathologists (CAP) case reports.</b>                                |
| 7/2017-2018  | <b>Journal Article Summary Writer, <i>Academic Forensic Pathology</i> (AFP) "Wednesday Morning Emails"</b> |
| 2015-2018    | <b>Junior Editor, <i>Academic Forensic Pathology</i> (AFP)</b>                                             |

## Committee Memberships

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

## Professional Memberships

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

## Volunteer Work and Community Service

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