



## CURRICULUM VITAE

**Toniann Rebick** *MFS, AFTE-FA, BS, BS*  
**Rebick Forensic Services**  
Ocean Springs, Mississippi

### CAREER DISCIPLINES

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#### **Firearms and Toolmarks**

- Distance Determination
- Function Evaluation
- Individual Characteristics Database
- Physical Comparison
- Qualitative Determination
- Serial Number Restoration

#### **Crime Scene Investigation and Reconstruction**

- Trajectory
- Bloodstain Pattern

#### **Bloodstain Pattern Analysis**

#### **Crime Scene Processing**

#### **Latent Print Examination**

#### **Forensic Video Enhancement**

#### **Computer Forensics**

### EDUCATION

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**Firearms and Toolmark Academy -California Criminalistics Institute** 2014  
Firearms and Toolmark Examiner and Shooting Reconstruction  
Sacramento, CA

**National University** 2010  
Masters of Forensic Science, Forensic Science  
San Diego, CA

**Pennsylvania State University** 2002  
Bachelor of Science, Major: Microbiology / Minor: Biochemistry and Molecular Biology  
State College, PA

**Pennsylvania State University** 2002  
Bachelor of Science, Major: Crime, Law, and Justice / Emphasis: Forensic Science  
State College, PA

## CERTIFICATIONS

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### **Association of Firearm and Tool Mark Examiners (AFTE)**

Firearm Evidence Examination and Identification

## WORK EXPERIENCE

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### **Mississippi Department of Public Safety, Mississippi Forensics Laboratory, Biloxi, MS**

#### **Forensic Scientist – Team Lead**

2022 - Present

- Examination, comparison, and documentation of firearms, cartridges, bullets, and cartridge casings.
- Test for operability and legality of firearms.
- Serial number restoration.
- Distance determination.
- IBIS entry
- Microscopic comparisons.
- Testimony
- Seconds and Technical Reviews
- Train new firearms examiners

### **University of Southern Mississippi, Hattiesburg, MS**

#### **Adjunct Professor**

2022 - Present

- Firearms Identification
- Introduction to Forensic Science II

### **San Diego Police Department, San Diego, CA**

#### **Supervising Criminalist**

2020 - 2022

- Supervision of the Forensic Biology Criminalist and Laboratory Technicians
- Administrative reviews
- Advising on policies and procedures, training, and budgeting
- Perform annual reviews
- Track case and unit statistics
- Monitor proficiency testing and court testimony.
- Respond to crime scenes for reconstruction
- Seconds, Technical Reviews, and Testimony in Firearms

### **Grossmont College, El Cajon, CA**

#### **Adjunct Professor**

2019 - 2021

- Advanced Forensic Technologies -Lecture and Lab

### **ICI Core Class -California POST, San Diego, CA**

#### **Instructor**

2021

- Forensic Science segment of the Investigations Class

**San Diego Police Department, San Diego, CA**

**Criminalist -Firearms**

2010 - 2020

- Examination, comparison, and documentation of firearms, cartridges, missiles, and cartridge casings.
- Test for operability and legality of firearms.
- Serial number restoration.
- Distance determination.
- IBIS entry
- Microscopic comparisons.
- Respond to crime scenes for reconstruction.
- Testimony
- Seconds and Technical Reviews
- Developed and Trainer for Firearms Training Program

**National University, San Diego, CA**

**Professor**

2011

- Advanced Criminalistics (Team Teach with Amy McElroy)

**ITT Technical Institute, Vista, CA**

**Adjunct Professor**

2009 - 2010

- Forensic Science and Crime Scene Investigations
- Criminology
- Computer Forensics

**Oceanside Police Department, Oceanside, CA**

**Field Evidence Technician**

2005 - 2010

- Process crime scenes
- Document, preserve, collect and process all forms of evidence
- Compare latent fingerprints and run unknown latent prints through Cal-ID program.
- Forensic video and photographic digital enhancement.
- Computer Forensics
- Testify in court
- Investigate and enhance cases (primarily financial and identity theft cases)
- Take crime reports, interview victims and witnesses, contact businesses for follow-ups
- Act as liaison with community members to run programs through the police department.

## PROFESSIONAL AFFILIATIONS

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**Association of Firearms and Toolmark Examiners (AFTE) - Member** 2014 – Present

**AFTE – Unpublished Research Ad Hoc Committee - Chair** 2019 – Present

**AFTE Journal – Peer Reviewer** 2023 - Present

**AFTE Mentor Committee – Mentor** 2024 - Present

## ACHIEVEMENTS & AWARDS

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- Commendation 2024  
Mississippi Bureau of Narcotics -Captain J Strahan
- Teaching Excellence Award 2020  
Grossmont University
- Unit Exceptional Performance Citation 2019  
San Diego Police Department
- Supervisor Commendation 2018  
San Diego Police Department -Lieutenant Hobbs
- Commendation 2018  
City of Ontario Police Department
- Detective Commendation 2017  
San Diego Police Department -Detective Haas
- Commendation 2013  
San Diego Police Department -Officer Cooksey / Cardinal Interact Program
- Commendation 2013  
San Diego Police Department -Captain Ahearn
- Commendation 2012  
San Diego Police Department -Chief Zimmerman
- Commendation 2012  
San Diego Police Department - Sara Wilensky
- Commendation 2012  
San Diego Police Department – Detective Haas
- Commendation 2012  
San Diego Police Department -Chief Lansdowne / Sara Wilensky
- Commendation 2012  
San Diego Police Department -Sgt. Beason
- Commendation 2011  
Tarrant County District Attorney
- Team of the Quarter, 1<sup>st</sup> Quarter 2007  
San Diego Police Department
- Commendation 2006  
Oceanside Police Department
- Team of the Quarter Nomination, 1<sup>st</sup> Quarter 2006  
San Diego Police Department

Commendation 2005  
Oceanside Police Department

Team of the Quarter Nomination, 4<sup>th</sup> Quarter 2005  
Oceanside Police Department

## EXPERT TESTIMONY

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### Approximate Number of Total Court Testimonies: 83

Recent expert testimony provided in the following cases to the best of my recollection:

<b>State of Mississippi vs. Michael Anthony Holder</b> <ul style="list-style-type: none"><li>• Circuit Court of Jackson</li></ul>	January 2025
<b>State of California vs. Maligat</b> <ul style="list-style-type: none"><li>• San Diego -Grand Jury</li></ul>	December 2023
<b>State of California vs. Carter</b> <ul style="list-style-type: none"><li>• Circuit Court of San Diego</li></ul>	September 2023
<b>State of California vs. Meals</b> <ul style="list-style-type: none"><li>• Circuit Court of San Diego</li></ul>	August 2023
<b>State of Mississippi vs. Raymond Phillips</b> <ul style="list-style-type: none"><li>• Circuit Court of Hattiesburg</li></ul>	July 2023
<b>State of California vs. Bryant &amp; Williams</b> <ul style="list-style-type: none"><li>• Circuit Court of San Diego</li></ul>	April 2023
<b>State of California vs. Ector &amp; Brooks</b> <ul style="list-style-type: none"><li>• San Diego -Grand Jury</li></ul>	November 2022
<b>State of California vs. Bryant &amp; Williams</b> <ul style="list-style-type: none"><li>• Circuit Court of San Diego</li></ul>	August 2022
<b>State of California vs. Madrigal</b> <ul style="list-style-type: none"><li>• Circuit Court of San Diego</li></ul>	July 2022
<b>State of California vs. Girdner</b> <ul style="list-style-type: none"><li>• Circuit Court of San Diego</li></ul>	July 2022
<b>State of California vs. Martinez</b> <ul style="list-style-type: none"><li>• Circuit Court of San Diego</li></ul>	May 2022
<b>State of California vs. Maligat</b> <ul style="list-style-type: none"><li>• San Diego -Grand Jury</li></ul>	March 2022
<b>State of California vs. McFadden</b> <ul style="list-style-type: none"><li>• Circuit Court of San Diego</li></ul>	February 2022
<b>State of California vs. Rouston</b>	November 2021

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• Circuit Court of San Diego	
<b>State of California vs. ?</b>	September 2021
• Circuit Court of San Diego	
<b>State of California vs. Blake</b>	February 2021
• Circuit Court of San Diego	
<b>State of California vs. Christopher</b>	February 2021
• Circuit Court of San Diego	
<b>State of California vs. Williams &amp; Daniels</b>	January 2021
• Circuit Court of San Diego	
<b>State of California vs. ?</b>	February 2020
• Circuit Court of San Diego	
<b>State of California vs. ?</b>	February 2020
• Circuit Court of San Diego	
<b>State of California vs. ?</b>	October 2019
• Circuit Court of San Diego	
<b>State of California vs. Encinas</b>	March 2019
• Circuit Court of San Diego	
<b>State of California vs. ?</b>	March 2019
• Circuit Court of San Diego	
<b>State of California vs. ?</b>	February 2019
• Circuit Court of San Diego	

## CONTINUING EDUCATION & TRAINING

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<b>AFTE: Daubert Meeting -February 2025 -Hosted by Julie Knapp</b>	2025
<b>AFTE: Food and Facts -January 2025</b>	2025
<b>Southern Area Forensic Firearms Training Seminar</b>	2024
<b>AFTE: Daubert Meeting -October 2024 -Hosted by Julie Knapp</b>	2024
<b>AFTE: Daubert Meeting -December 2024 -Hosted by Julie Knapp</b>	2024
<b>Gulf Coast Firearm and Toolmark Examiners Study Group -October 2024</b>	2024
<b>AFTE: Food and Facts -August 2024</b>	2024
<b>Daubert Prep – Todd Weller</b>	2024
<b>Gulf Coast Firearm and Toolmark Examiners Study Group -March 2024</b>	2024
<b>CSAFE: Inclusive Decisions and Error Rates In Forensic Science</b>	2024

<b>AFTE: Daubert Meeting -January 2024 -Hosted by Julie Knapp</b>	2024
<b>AFTE: Food and Facts -December 2023</b>	2023
<b>AFTE: Daubert Meeting -December 2023 -Hosted by Julie Knapp</b>	2023
<b>AFTE: Daubert Meeting -November 2023 -Hosted by Julie Knapp</b>	2023
<b>Southern AFTE Training Seminar</b>	2023
<b>Gulf Coast Firearm and Toolmark Examiners Study Group -September 2023</b>	2023
<b>AFTE: Daubert Meeting -July 2023 -Hosted by Julie Knapp</b>	2023
<b>AFTE: Food and Facts -July 2023</b>	2023
<b>AFTE: Daubert Meeting -June 2023 -Hosted by Julie Knapp</b>	2023
<b>AFTE Training Seminar</b>	2023
<b>Suit Up: Answering Tough Questions – A Daubert Experience</b>	2023
<b>ATF Privately Made Firearms and Machinegun Conversion Device</b>	2023
<b>Familiarization Training</b>	
<b>Gulf Coast Firearm and Toolmark Examiners Study Group -March 2023</b>	2023
<b>Forensic Internal Auditing to ISO/IEC 17025:2017</b>	2023
<b>Appointing Authority Interview Training</b>	2021
<b>Zoom Participation Tutorial</b>	2021
<b>Equal Employment: A Supervisors' Role in Maintaining an Unbiased Workplace</b>	2021
<b>Employee Awards and Recognition</b>	2021
<b>Fact Finding Fundamentals</b>	2021
<b>Supporting Employees in Distress: Employee Assistance Program &amp; Policies</b>	2021
<b>Threat Management</b>	2021
<b>Subclass Characteristics</b>	2021
<b>Fred Pryor: Transitioning to Supervisor</b>	2020
<b>Fred Pryor: Dealing with Difficult People</b>	2020
<b>Fred Pryor: How to Supervise Bad Attitudes and Negative Behaviors</b>	2020
<b>Fred Pryor: Leadership &amp; Management Skills for Women</b>	2020
<b>Fred Pryor: How Managers Become Great Leaders</b>	2020
<b>Fred Pryor: Leadership, Team Building &amp; Coaching for Managers &amp; Supervisors</b>	2020
<b>Fred Pryor: Criticism &amp; Discipline Skills for Managers and Supervisors</b>	2020
<b>Fred Pryor: How to Supervise People</b>	2020

<b>Fred Pryor: Managing with Assertive Confidence</b>	2020
<b>Fred Pryor: The Exceptional Team Leader</b>	2020
<b>Fred Pryor: How to Supervise Bad Attitudes and Negative Behaviors</b>	2020
<b>Employee Development: Engagement, Motivation, and Learning</b>	2020
<b>Risk Based Decision Making</b>	2020
<b>Bias Training</b>	2020
<b>50<sup>th</sup> Annual AFTE Training Seminar</b>	2019
<b>Machine Guns and Clandestine Conversions</b>	2019
<b>Leadership Workshop – Powerful Tools and Insights for Developing Future and Current Forensic Science Leaders</b>	2018
<b>California Association of Criminalists Fall 2018 Training Seminar</b>	2018
<b>2017 International Association of Bloodstain Pattern Analysts</b>	2017
<b>47<sup>th</sup> Annual AFTE Training Seminar</b>	2016
<b>PC 832 Firearms Course</b>	2016
<b>Crime Scene Reconstruction</b>	2016
<b>SDPD Crime Scene Reconstruction Training Program</b>	2016
<b>Special Topics in GSR</b>	2015
<b>Bloodstain Pattern Interpretation</b>	2015
<b>IBIS Trax HD3D Matchpoint</b>	2015
<b>Advanced Firearms Identification Research</b>	2014
<b>Bloodstain Documentation and Collection Methods</b>	2014
<b>Shooting Reconstruction: The 4 Elements of Trajectory</b>	2014
<b>Swipes, Wipes, and Transfer Impressions</b>	2014
<b>Remington 870 Shotgun Armorer School</b>	2013
<b>Firearms and Toolmarks Introduction II</b>	2013
<b>Technical Writing for Criminalists</b>	2013
<b>Smith and Wesson Pistol Armorer School</b>	2013
<b>Smith and Wesson Revolver Armorer School</b>	2013
<b>Shooting Incident Reconstruction</b>	2013
<b>Suppressor History, Design, and Testing</b>	2013
<b>Firearms Factory Tours</b>	2013

<b>Firearms Fundamental Manufacturing Processes</b>	2013
<b>Toolmark Comparison Criteria</b>	2013
<b>AK-47/RPK Series Armorer Training</b>	2013
<b>Serial Number Restoration</b>	2013
<b>Armorer School AR Series Rifles</b>	2013
<b>Armorer School .45 Series</b>	2013
<b>Armorer School Sig Pistols</b>	2013
<b>Full Auto Conversion</b>	2013
<b>Courtroom Presentation of Evidence</b>	2013
<b>Forensic Shooting Scene Reconstruction</b>	2012
<b>Digital Imaging for the Examiner</b>	2012
<b>Firearms &amp; Toolmarks Introduction</b>	2012
<b>Integrated Ballistics Identification System Cartridge Case and Bullet Acquisition</b>	2011
<b>Firearms Safety</b>	2011
<b>Defeating Challenges to Scientific Evidence</b>	2010
<b>San Diego Regional Sex Crimes Investigators Association Training Seminar</b>	2010
<b>Ridgeology Science Workshop –Plus!</b>	2010
<b>Domestic Violence Update</b>	2010
<b>Elder/Dependent Adult Abuse</b>	2010
<b>Seizing and Handling Digital Evidence</b>	2010
<b>Court and Temporary Holding Facilities</b>	2010
<b>Advanced Palm Print Comparison Techniques</b>	2009
<b>Charting Latent Fingerprints with Adobe Photoshop</b>	2009
<b>DNA Collection</b>	2008
<b>Latent Fingerprint Identification and Comparison-Advanced</b>	2008
<b>dTective for Avid for Windows</b>	2008
<b>Patterned Bloodshed Interpretation</b>	2008
<b>Universal Latent Workstation Software</b>	2008
<b>PC Forensics and Data Collection (BDRA)</b>	2008
<b>Impact Pattern Reconstruction</b>	2007
<b>Introduction to the Science of Fingerprint Identification</b>	2007

<b>Impact Pattern Reconstruction</b>	2007
<b>Using Gun Bluing to Develop Latent Prints on Cartridge Cases</b>	2007
<b>Case Agent Investigative Review (CAIR)</b>	2007
<b>Recovery of Fingerprint Evidence from Human Skin</b>	2007
<b>Advanced Field Evidence Technician School</b>	2006
<b>AIMS NPL 332 Total Station</b>	2006
<b>NIMS/SEMS Basic</b>	2006
<b>Courtroom Testimony</b>	2006
<b>Basic Field Evidence Technician School</b>	2005
<b>Domestic and International Human Trafficking and Slavery</b>	2005

## **SPEAKING ENGAGEMENTS**

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<b>Stranger Things: The Upside-Down Stories Told by Ammunition Deformation</b> Southern Area Forensic Firearms Training	2024
<b>Sorting Through the Scene (Workshop)</b> Southern Area Forensic Firearms Training	2024
<b>Double Shot</b> Gulf Coast Firearms and Toolmark Examiner's Study Group	2024
<b>Forensic Firearms, Crime Scene Reconstruction, and Other Forensic Stuff...</b> University of Southern Mississippi -Forensic Science Society	2023
<b>What are the Odds?</b> Gulf Coast Firearms and Toolmark Examiner's Study Group	2023
<b>Ghost Guns</b> Gulf Coast Firearms and Toolmark Examiner's Study Group	2023
<b>San Diego Police Department Crime Laboratory</b> Friends of the Badge	2021
<b>Serial Number Restoration</b> Grossmont College Guest Speaker (Reoccurring)	2019 - 2024
<b>Pop-Culture Science</b> Comic-Con Museum and The Fleet Science Center	2020
<b>Suds and Science</b> The Fleet Science Center	2020
<b>Forensic Firearms and Shooting Reconstruction</b>	2019 - 2020

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Cathedral Catholic High School Guest Speaker (Reoccurring)

**Beyond Comparison -What Firearms Evidence Can Tell You  
About Your Crime Scene**

2018

Grossmont College -AOJ Club Guest Speaker

**Beyond Comparison -What Firearms Evidence Can Tell You  
About Your Crime Scene**

2018

California Association of Criminalists Fall 2018 Training Seminar

**Forensic Science and The Dan Bessant Case**

2010 - 2014

Mira Costa College Guest Speaker (Reoccurring)

**Forensic Science and Crime Scene Processing**

2007 - 2012

ITT Technical Institute Guest Speaker (Reoccurring)