

Proposal Abstract

Applicant Name: City of Goodyear Police Department

Category 2: Implementation of a new CGIC

Project Title: Goodyear Police Department CGIC Initiative

The Goodyear Police Department responds to violent gun crimes, often times requiring the collection, processing, and analysis of firearm and ballistic evidence. This examination is frequently restricted by access to necessary equipment. In an effort to continue directly supporting law enforcement operations, this project will substantially improve firearm evidence processing times, increase case clearance rates, and decrease shootings in the community through the development and implementation of a Crime Gun Intelligence Center (CGIC).

This project will enable the Police Department to secure critical equipment for the processing and examination of firearm evidence within a 24 to 48 hour period following an incident. This project will occur in the Goodyear service area, with the Police Department as a primary agency providing access regionally to additional agencies (Police Departments: Avondale, Tolleson, Litchfield Park, Luke Air Force Base, and Peoria, among others). To serve the Goodyear, Arizona community and provide additional support to the greater Phoenix-metropolitan area, the procurement of specific equipment is necessary for collecting firearm evidence, conducting test fires, entering firearm exhibits into NIBIN, and conducting exhibit correlations to develop leads and further case clearance.

Deliverables and Performance Measures

The Police Department will submit performance measures regularly via the BJA Local Law Enforcement CGIC Integration Initiative Performance Measures form in JustGrants.

Additionally, the development of reports to demonstrate achievement through NIBIN leads, test fires and firearms traces, improved case clearance rates, decreased shootings in the community, and lessons learned during the implementation process. An application for ATF CGIC Certification will be submitted to further dedication and support for the effective use of CGIC in crime gun reduction strategies through organizational partnership.

NIBIN GRANT -- GOODYEAR CGIC INITIATIVE PROGRAM NARRATIVE

I. Description of the Need: The Goodyear Police Department proposes the Goodyear Crime Gun Intelligence Center Initiative as a response to the violent gun crime in the Goodyear, Arizona community. This project aims to increase timely NIBIN leads, improve case clearance, and provide direct support to law enforcement operations through the prompt collection, processing, and analysis of firearm and ballistic evidence.

Goodyear violent crime cases, involving homicide, aggravated assault, robbery, and sexual assaults, increased 24.14% in 2024 and again by 34.26% in 2025. During these times, the City of Goodyear's population was approximately 118,186 and 123,279, respectively, an overall population increase of 4-6% annually. Violent crime cases involving a firearm accounted for 31.9% of the total case volume for 2024 and 2025. The illegal use of a firearm contributed directly to a homicide and several non-fatal shootings (aggravated assaults and robberies) during this time period. Specifically, a firearm was utilized in 38.9% and 39.3% of aggravated assault cases from 2024 and 2025, while 51.3% of robberies in this same time period included firearms as the primary weapon.

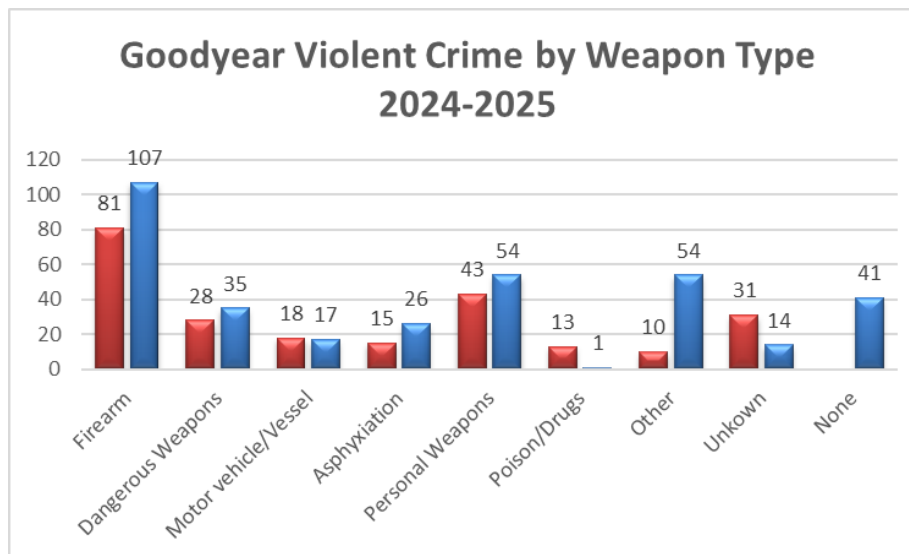


Figure 1: 2025 City of Goodyear, AZ Violent Crime Statistics by Weapon Type
Sourced from <https://azcrimestatistics.azdps.gov/tops/report/violent-crimes/goodyear-pd/2025>.

NIBIN GRANT -- GOODYEAR CGIC INITIATIVE PROGRAM NARRATIVE

The City of Goodyear continues to increase in population each year, with an increase in firearm related cases to follow. A current gap exists between the time an incident occurs to the time the firearm and ballistic evidence is processed and analyzed. This issue is the result of a lacking necessary equipment to enter firearm evidence into NIBIN, which delays time in identifying case leads and increases the timespan to firearm-related case clearance. With the residents of Goodyear as a focal point for this resolution, the project aims to backfill this gap by allowing immediate access to necessary technology for firearm evidence analysis. This project will enable the test fire and entry of test fired casings promptly into NIBIN utilizing the Brasstrax system and conducting correlations of each casing exhibit with MatchPoint software. In partnership with ATF, case clearance rates will increase due to the interconnectivity between agencies via the leads developed from exhibits entries. The average time lapse between the date of occurrence for an incident and the date of entry for a test fired casing into NIBIN was approximately 68 days in 2024 with the major implementation of the NIBIN program at the Police Department. The implementation of firearm evidence testing protocol, trained personnel, and partnership with other agencies addressed a backlog of firearm evidence. The growth of the internal NIBIN program decreased firearm evidence processing time to 19 days in 2025. This Goodyear CGIC Initiative will allow for firearm and ballistic evidence processing times to decrease further, reaching the desired 24 to 48-hour period following an incident. The NIBIN leads, case clearance, and decreased shootings in the community resulting from this increased connectivity directly support the ATF's goal for a reduction in gun crime through increased processing measures.

Subpart I: Category 2: Implementation of a New CGIC: The Goodyear Crime Gun Intelligence Center (CGIC) Initiative plans to continue working directly with the ATF and

NIBIN GRANT -- GOODYEAR CGIC INITIATIVE PROGRAM NARRATIVE

partner agencies across the Phoenix-metropolitan area to support law enforcement operations. Scene casings and test fired casings are currently entered into NIBIN using local partner sites, coordinating directly with agencies for site access and with Regional ATF contacts for lead information, but with a significant delay due to lack of resources. The project aims to further develop the Goodyear Police Department's NIBIN Program by acquiring NIBIN equipment and strictly enforcing a time constraint for illegally used firearms and firearm and ballistic evidence.

Project personnel plan to track and manage incoming firearm and ballistic evidence to influence analysis within a 24 to 48-hour window following an incident. Tracking and management include confirming or submitting eTrace forms into ATF's Electronic Tracing System (eTrace) program for recovered firearms, a program that is already routinely implemented. Analysis by project personnel includes reviewing fired cartridge cases, test firing recovered firearms, reviewing test fired cartridge cases, and entering cartridge case exhibits and firearm information into NIBIN via the Brasstrax system. Project personnel plan to review entries from all site Brasstrax users to correlate potential matches and generate NIBIN leads through MatchPoint software, reinforcing a positive and proactive partnership with the NNCTC by redirecting correlation workflow.

Project personnel plan to work directly with internal and external entities, including the ATF, to distribute lead information. In addition to internal casework, project personnel plan to work with partner agencies on the trafficking of illegally used firearms via the discovery of gun crime networks based on NIBIN lead information and regular interagency collaborative efforts. Collaboration with outside agencies is planned to continue through routine scheduled meetings on quarterly bases, and within and among task force workgroups. Additionally, project personnel intend to attend the Association of Firearm and Toolmark Examiners (AFTE) Annual Training

NIBIN GRANT -- GOODYEAR CGIC INITIATIVE PROGRAM NARRATIVE

Seminar to exchange knowledge, best practices, and methodologies employed in the analysis of firearm-related evidence to further develop relationships in the gun crime intelligence community.

II. Project Goals and Objectives: The Goodyear Crime Gun Intelligence Center (CGIC)

Initiative directly supports law enforcement agencies by creating a space for interagency collaboration on crime gun efforts. Focal points for this project include the prompt collection, oversight, and analysis of illegally used firearms and firearm and ballistic evidence. Integrating Goodyear as a CGIC expands the reach of ATF's Local Law Enforcement Crime Gun Intelligence Initiative by allowing additional collaborative space and equipment for the investigation of firearm-related incidents.

This project will advance priority Office of Justice Programs objectives in three ways. First, the Goodyear CGIC will directly support law enforcement operations as a project housed within the Goodyear Police Department. Police Department personnel will serve as project participants, providing primary program oversight and analysis of firearm-related evidence. The implementation of this initiative will decrease the time between incident occurrence and evidence analysis through the use of in-house equipment versus traveling to another NIBIN site. This corresponds to a shorter time identifying NIBIN leads and faster case clearance rates. Second, this initiative addresses the increase in violent crime consistently demonstrated in this community. At the Goodyear Police Department's initial implementation of the NIBIN program in 2024, the average time from incident occurrence to test fire of an illegally used firearm was 62 days, and the average time for entry of the test fired casing into NIBIN was an additional 6 days. In 2025, the average time from incident occurrence to test fire of an illegally used firearm was 18 days, and the average time for entry of the casing into NIBIN was an additional 1 day. The

NIBIN GRANT -- GOODYEAR CGIC INITIATIVE PROGRAM NARRATIVE

addition of NIBIN equipment and infrastructure through this initiative will drive those times down even further, increasing timely NIBIN leads for investigative efforts and reducing gun crime through interagency collaboration. Finally, this initiative supports the American citizens who are victims of firearm-related crime in this region. ATF's eTrace and NIBIN programs provide international connections on scene casings and test fired casings through NIBIN-generated leads, allowing agencies to share information with each other in a fast and articulate manner. The equipment and software provided to the Goodyear Police Department will allow project personnel to manage and analyze firearm-related evidence produced from violent crimes in an expedited timeframe, influencing community support for law enforcement operations, securing accountability for gun crime offenders, and advancing justice for victims of violent gun crime offenses.

There are four primary project objectives. The first objective includes improved gun crime investigations through decreased evidence processing time, as documented by decreased times between incident occurrence, test fire, and NIBIN exhibit entry. The second objective ensures that all illegally used firearms are test fired and traced, as conducted by project personnel. Thirdly, the initiative will improve case clearance rates for firearm-related crime through prompt evidence analysis and interagency collaboration. Finally, the last objective focuses on a reduction in gun crime through the identification of crime gun networks and routine collaborative efforts with local, regional, and federal agencies. Project personnel will further gun crime reduction strategies by attending the annual conference hosted by AFTE to engage with industry leaders in current best practices of firearm-related evidence analysis.

III. Project Design and Implementation: Goals and objectives of the Goodyear CGIC Initiative are congruent with the ATF CGIC business model through the implementation of

NIBIN GRANT -- GOODYEAR CGIC INITIATIVE PROGRAM NARRATIVE

specific project activities to improve the investigative timeframe and leads of firearm-related evidence. Goodyear Police Department personnel will collect and document all firearm and ballistic evidence, including fired cartridge cases and firearms, involved in the commission of a crime. The dedicated team of project personnel, the Goodyear Police Department Forensic Services Unit, will enter all scene cartridge cases into NIBIN within a 24-48 hour period following an incident. All crime guns collected will be traced through the ATF eTrace system. All crime guns will be documented, function checked, and test fired at the Goodyear Police Department Forensic Services Office to acquire test fired casings. Test fired casings will subsequently be entered into NIBIN for analysis. In addition to the use of eTrace and Brasstrax equipment for tracing firearms and analyzing fired casings, MatchPoint software and technology will enable project personnel to efficiently conduct correlations on casing exhibits entered into NIBIN. Key project personnel are currently coordinating ATF training measures for the certification of MatchPoint software for correlations, a no-cost training provided by the ATF and completed on-site with local CGIC agencies. The use of these technological components will increase investigative leads, decrease processing time and effort, and support prosecution.

In addition to evidence processing, a proactive component of this project includes following up with officers who assisted with the collection and documentation of firearm and ballistic evidence. Project personnel will share success stories resulting from their efforts on scenes to continue driving involvement and program support. Engagement with regional partners, including local, state, and federal agencies, regarding crime scene response, crime analysis, laboratory processing, and law enforcement operations, among others, through routine convenings will continue to develop and strengthen collaborative partnerships regarding violent

NIBIN GRANT -- GOODYEAR CGIC INITIATIVE PROGRAM NARRATIVE

gun crime. These collaborative efforts will include the distribution of gun crime intelligence, prosecution efforts and practices, and best practices from shared and unique experiences.

These project activities will be ongoing and will occur as incidents arise. Adjustments to the project to further improve investigative efforts will be made at the discretion of the dedicated project key staff, the Forensic Services Unit. This project will benefit not only the Goodyear Police Department but neighboring agencies and communities to whom the program is allowed access. The ultimate beneficiary is the community members who are affected by violent gun crimes in the project area through the prompt recovery and analysis of firearm-related evidence.

Project deliverables will be generated and submitted regularly throughout the project as well as at the culmination of the project period. The BJA Local Law Enforcement CGIC Initiative Performance Measures are outlined in JustGrants with data points that will be reported as directed. Data points will be collected and reported out for all agencies utilizing or contributing to the project activities listed under the Goodyear CGIC Initiative. Reports regarding lead results from NIBIN entries, volume of test fires conducted, volume of eTrace forms submitted, case clearance rates, and analysis of violent gun crime trends, regardless of severity, will be constructed and submitted throughout the life of the project.

Project participants may include, but are not limited to, agencies in the neighboring communities of Avondale, Tolleson, Litchfield Park, and Luke Air Force Base who actively participate in gun crime reduction through the prompt collection and analysis of firearm and ballistic evidence. Success stories and lessons learned will be compiled for distribution to all levels of project partners at regular convening intervals as coordinated at the local, regional, and state level. A Memorandum of Understanding (MOU) will be created between the project agency and ATF to document the framework of the CGIC Initiative and the integration of the Goodyear

NIBIN GRANT -- GOODYEAR CGIC INITIATIVE PROGRAM NARRATIVE

Police Department as a new CGIC site. To demonstrate commitment to the ongoing decrease of violent gun crime through the dedicated implementation of a CGIC, an application for certification as a CGIC through ATF will be filed during the course of this project.

IV. Capabilities and Competencies: The key project personnel responsible for the implementation of the Goodyear CGIC Initiative are uniquely qualified to successfully carry out the activities of this project. These personnel are currently involved in multiple activities proposed by this project, including routinely reporting data collected on the progress of these activities. The Forensic Services Unit will be responsible for compiling data and reporting performance measures for the specified time periods outlined by the Bureau of Justice Assistance. Data will be collected for all firearm-related evidence via documentation during the collection, processing, and analysis of crime guns, scene casings, and test fired casings. Additional information will be collected and reported during project partner convenings with local, regional, state, and federal partners.

The Goodyear Police Department currently collects all firearms and firearm and ballistic evidence involved in the commission of a gun crime regardless of the severity of the crime. Incoming evidence items are routinely monitored by Forensic Services Unit personnel to prepare for NIBIN entry of scene casings and processing and analysis of crime guns. Crime guns are grouped and test fired based on unit capacity to enter test fired casings into NIBIN, as current procedures require travel to and access to a regional NIBIN site. Following the entry of scene or test fired casings into NIBIN, the NNCTC returns correlation results to the Forensic Services Unit. The case officer responsible for the collection of the evidence or handling the investigative leads of the case is notified of NIBIN lead results. These procedures will continue in the proposed project but with the incorporation of an expedited timeline to influence the prompt

NIBIN GRANT -- GOODYEAR CGIC INITIATIVE PROGRAM NARRATIVE

analysis of firearm-related evidence. The only additional task not currently implemented is the casing correlation component utilizing MatchPoint software, which will be an efficient addition to the services provided to the Police Department through improved processing times and to ATF by reducing workflow to the NNCTC. Key project personnel plan to attend training on MatchPoint software, a no-cost training provided by the ATF completed at local partner CGIC sites, to expand current services offered in the departmental NIBIN program. Data and metrics on the collection, processing, and analysis of firearms and firearm and ballistics evidence are tracked daily and reported monthly, which will continue in conjunction with project reporting parameters.

All forensic specialists in the Goodyear Police Department Forensic Services Unit are trained and certified in Brasstrax Triage and Acquisition, having entered hundreds of casing exhibits since the beginning of 2024. These personnel are all certified through the International Association for Identification as Crime Scene Investigators, including specifications in the documentation, collection, processing, and analysis of firearm-related evidence. These personnel not only respond to scenes involving violent gun crime, but interface directly with Police Department officers who respond to similar incidents, creating a continuous feedback loop for successful project implementation from the initial response point. Lastly, key project personnel all retain higher education degrees in the forensic sciences, in addition to ongoing training and professional development courses involving best practices for evidence handling and processing.

Appendix 1

U.S. DEPARTMENT OF JUSTICE, OFFICE OF JUSTICE PROGRAMS

Certification by the Chief Executive Officer (or senior official) of the Applicant Government

On behalf of the applicant named below, and in support of its application, I certify under penalty of perjury to the Office of Justice Programs ("OJP"), U.S. Department of Justice ("USDOJ"), that all of the following are true and correct:

- (1) I am the chief executive officer of the State or local government ("the jurisdiction") of which the applicant entity named below is a part (or a senior official of the jurisdiction, with the legal authority to bind the same), I have received appropriate legal advice as to this certification, and I have the authority to make this certification on my own behalf as chief executive officer (or senior official) and on behalf of the jurisdiction and the applicant entity. I understand that OJP will rely upon this certification as a material representation in any decision to make an award to the applicant entity.
- (2) I have carefully reviewed (or have received pertinent legal advice concerning) 8 U.S.C. §§ 1373(a) & (b) and 1644, including the prohibitions on certain actions by State and local government entities, agencies, and officials regarding information on citizenship and immigration status.
- (3) I (and the applicant entity) understand that, for purposes of this certification, the term "program or activity" means what it means under title VI of the Civil Rights Act of 1964 (*see* 42 U.S.C. § 2000d-4a), and that terms used in this certification that are defined in 8 U.S.C. § 1101 mean what they mean under that section 1101, except that the term "State" also shall include American Samoa (*cf.* 42 U.S.C. § 901(a)(2)).
- (4) I (and the applicant entity) assure that the applicant entity (and its officials and other personnel) will comply with 8 U.S.C. §§ 1373 and 1644 in any "program or activity" receiving federal financial assistance under any award made by OJP pursuant to this application. I further certify that any subrecipient (at any tier) of such federal financial assistance (and its officials and other personnel) will also comply with 8 U.S.C. §§ 1373 and 1644.

I acknowledge that a materially false, fictitious, or fraudulent statement (or concealment or omission of a material fact) in this certification, or in the application that it supports, may be the subject of criminal prosecution (including under 34 U.S.C. § 10271 or under 18 U.S.C. § 1001 or 1621, and may subject me and the applicant entity to civil penalties and administrative remedies for false claims or otherwise (including under 31 U.S.C. §§ 3729–3730 and §§ 3801–3812). I also acknowledge that OJP awards, including certifications provided in connection with such awards, are subject to review by USDOJ, including by OJP and by the USDOJ Office of the Inspector General.

Signature of Chief Executive Officer (or senior official) of the Applicant Government

Date of Certification

Printed Name of Chief Executive Officer (or senior official)

Title of Chief Executive Officer (or senior official)

Name of Applicant Government Entity

Budget Detail - Year 1

Does this budget contain conference costs which is defined broadly to include meetings, retreats, seminars, symposia, and training activities? - Y/N

Yes

[\(DOJ Financial Guide, Section 3.10\)](#)

A. Personnel

Name <i>List each name, if known.</i>	Position <i>List each position, if known.</i>	Computation <i>Show annual salary rate & amount of time devoted to the project for each name/position.</i>						
		Salary	Rate	Time Worked (# of hours, days, months, years)	Percentage of Time	Total Cost	Non-Federal Contribution	Federal Request
						\$0		\$0
Total(s)						\$0	\$0	\$0

Narrative

B. Fringe Benefits

Name <i>List each grant-supported position receiving fringe benefits.</i>	Computation <i>Show the basis for computation.</i>				
	Base	Rate	Total Cost	Non-Federal Contribution	Federal Request
			\$0		\$0
Total(s)			\$0	\$0	\$0

Narrative

Purpose Area #4

C. Travel										
Purpose of Travel	Location	Type of Expense	Basis	Computation						
<i>Indicate the purpose of each trip or type of trip (training, advisory group meeting)</i>	<i>Indicate the travel destination.</i>	<i>Lodging, Meals, Etc.</i>	<i>Per day, mile, trip, Etc.</i>	<i>Compute the cost of each type of expense X the number of people traveling.</i>						
				Cost	Quantity	# of Staff	# of Trips	Total Cost	Non-Federal Contribution	Federal Request
Annual Association of Firearm and Tool Mark Examiners Conference	Baltimore, MD	Other	N/A	\$725.00	1	2	1	\$1,450		\$1,450
Annual Association of Firearm and Tool Mark Examiners Conference	Baltimore, MD	Local Travel	N/A	\$600.00	1	2	1	\$1,200		\$1,200
Annual Association of Firearm and Tool Mark Examiners Conference	Baltimore, MD	Lodging	Night	\$1,622.00	1	2	1	\$3,244		\$3,244
Annual Association of Firearm and Tool Mark Examiners Conference	Baltimore, MD	Meals	Day	\$408.50	1	2	1	\$817		\$817
Annual Association of Firearm and Tool Mark Examiners Conference	Baltimore, MD	Transportation	Round-trip	\$370.00	1	2	1	\$740		\$740
Total(s)								\$7,451	\$0	\$7,451
Narrative										

The Association of Firearm and Tool Mark Examiners is an international professional organization for practitioners of firearms and tool mark identification. This annual conference focuses on the exchange of information, methods, best practices and furtherance of research. This is overall a training seminar for the dissemination of information, methods, research and other educational material relating to crime guns/firearms. This training will help further understanding of how current firearm analysis methods, such as using BrassTax/Matchpoint, can be used to assist and more quickly close firearm related cases.

Purpose Area #4

D. Equipment						
Item		Computation				
List and describe each item of equipment that will be purchased		Compute the cost (e.g., the number of each item to be purchased X the cost per item)				
		# of Items	Unit Cost	Total Cost	Non-Federal Contribution	Federal Request
MatchPoint Analysis Station (CC)		1	\$270,396.39	\$270,397		\$270,397
BrassTrax Acquisition Station		1	\$147,952.76	\$147,953		\$147,953
AmScope Stereo Microscope		1	\$1,592.99	\$1,593		\$1,593
Abestorm 360 Degree Intake Air Filtration		1	\$279.00	\$279		\$279
Dewalt Portable Wet/Dry Vacuum		1	\$145.00	\$145		\$145
Total(s)				\$420,367	\$0	\$420,367
Narrative						
The Matchpoint Analysis Station and BrassTrax Acquisition Station are needed to acquire and process images of crime gun's fired casings and scene casing evidence in the National Integrated Ballistic Information Network (NIBIN) database. The cost for these two items was given by LeadsOnline in the manner of a quote. The AmScope Stereo Microscope is to triage crime gun's fired casings and scene casing evidence prior to entry into NIBIN. The cost for this was obtain from Amscope.com. The Abestorm 360 Intake Air Filtration system is for increased air filtration in our NIBIN shoot room in order to remove gun powder residues from the air while we are test firing crime guns. The price for the filtration system was obtained from Amazon.com. The DeWalt Portable Vacuum is to connect to the current Savage Range Systems Tabletop Gunsmith Model GT bullet trap we utilize to test fire crime guns. This vacuum will allow for the removal of gun powder from the air immediately once a firearm is shot. The cost for this was obtained from uline.com.						

Purpose Area #4

E. Supplies						
Supply Items		Computation				
<i>Provide a list of the types of items to be purchased with grant funds.</i>		<i>Describe the item and the compute the costs. Computation: The number of each item to be purchased X the cost per item.</i>				
	# of Items	Unit Cost	Total Cost	Non-Federal Contribution	Federal Request	
			\$0		\$0	
Total(s)			\$0	\$0	\$0	
Narrative						
F. Construction						
Purpose	Description of Work	Computation				
<i>Provide the purpose of the construction</i>	<i>Describe the construction project(s)</i>	<i>Compute the costs (e.g., the number of each item to be purchased X the cost per item)</i>				
		# of Items	Cost	Total Cost	Non-Federal Contribution	Federal Request
				\$0		\$0
Total(s)				\$0	\$0	\$0
Narrative						

Purpose Area #4

G. Subawards (Subgrants)									
Description		Purpose		Consultant?					
<i>Provide a description of the activities to be carried out by subrecipients.</i>		<i>Describe the purpose of the subaward (subgrant)</i>		<i>Is the subaward for a consultant? If yes, use the section below to explain associated travel expenses included in the cost.</i>					
					Total Cost	Non-Federal Contribution	Federal Request		
								\$0	
Total(s)					\$0	\$0	\$0		
Consultant Travel (if necessary)									
Purpose of Travel		Location	Type of Expense	Computation					
<i>Indicate the purpose of each trip or type of trip (training, advisory group meeting)</i>		<i>Indicate the travel destination.</i>	<i>Hotel, airfare, per diem</i>	<i>Compute the cost of each type of expense X the number of people traveling.</i>					
				Cost	Duration or Distance	# of Staff	Total Cost	Non-Federal Contribution	Federal Request
							\$0		\$0
Total							\$0	\$0	\$0
Narrative									

Purpose Area #4

H. Procurement Contracts								
Description	Purpose	Consultant?						
<i>Provide a description of the products or services to be procured by contract and an estimate of the costs. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole source procurements in excess of the Simplified Acquisition Threshold (currently \$150,000).</i>	<i>Describe the purpose of the contract</i>	<i>Is the subaward for a consultant? If yes, use the section below to explain associated travel expenses included in the cost.</i>						
			Total Cost	Non-Federal Contribution	Federal Request			
				\$0	\$0			
Total(s)			\$0	\$0	\$0			
Consultant Travel (if necessary)								
Purpose of Travel	Location	Type of Expense	Computation					
<i>Indicate the purpose of each trip or type of trip (training, advisory group meeting)</i>	<i>Indicate the travel destination.</i>	<i>Hotel, airfare, per diem</i>	<i>Compute the cost of each type of expense X the number of people traveling.</i>					
			Cost	Duration or Distance	# of Staff	Total Cost	Non-Federal Contribution	Federal Request

Purpose Area #4

						\$0		\$0
Total						\$0	\$0	\$0
Narrative								
I. Other Costs								
Description <i>List and describe items that will be paid with grants funds (e.g. rent, reproduction, telephone, janitorial, or security services, and investigative or confidential funds).</i>		Computation <i>Show the basis for computation</i>						
	Quantity	Basis	Cost	Length of Time	Total Cost	Non-Federal Contribution	Federal Request	
					\$0		\$0	
Total(s)						\$0	\$0	\$0
Narrative								

Purpose Area #4

J. Indirect Costs					
Description		Computation			
<i>Describe what the approved rate is and how it is applied.</i>		<i>Compute the indirect costs for those portions of the program which allow such costs.</i>			
	<i>Base</i>	<i>Indirect Cost Rate</i>	<i>Total Cost</i>	<i>Non-Federal Contribution</i>	<i>Federal Request</i>
			\$0		\$0
<i>Total(s)</i>			\$0	\$0	\$0
Narrative					

Budget Detail - Year 2

Does this budget contain conference costs which is defined broadly to include meetings, retreats, seminars, symposia, and training activities? - Y/N

[\(DOJ Financial Guide, Section 3.10\)](#)

A. Personnel

Name <i>List each name, if known.</i>	Position <i>List each position, if known.</i>	Computation <i>Show annual salary rate & amount of time devoted to the project for each name/position.</i>						
		Salary	Rate	Time Worked (# of hours, days, months, years)	Percentage of Time	Total Cost	Non-Federal Contribution	Federal Request
						\$0		\$0
Total(s)						\$0	\$0	\$0

Narrative

B. Fringe Benefits

Name <i>List each grant-supported position receiving fringe benefits.</i>	Computation <i>Show the basis for computation.</i>				
	Base	Rate	Total Cost	Non-Federal Contribution	Federal Request
			\$0		\$0
Total(s)			\$0	\$0	\$0

Narrative

Purpose Area #4

C. Travel										
Purpose of Travel	Location	Type of Expense	Basis	Computation						
<i>Indicate the purpose of each trip or type of trip (training, advisory group meeting)</i>	<i>Indicate the travel destination.</i>	<i>Lodging, Meals, Etc.</i>	<i>Per day, mile, trip, Etc.</i>	<i>Compute the cost of each type of expense X the number of people traveling.</i>						
				Cost	Quantity	# of Staff	# of Trips	Total Cost	Non-Federal Contribution	Federal Request
Annual Association of Firearm and Tool Mark Examiners Conference	Frisco, TX	Other	N/A	\$725.00	1	2	1	\$1,450		\$1,450
Annual Association of Firearm and Tool Mark Examiners Conference	Frisco, TX	Local Travel	N/A	\$500.00	1	2	1	\$1,000		\$1,000
Annual Association of Firearm and Tool Mark Examiners Conference	Frisco, TX	Lodging	Night	\$1,509.83	1	2	1	\$3,020		\$3,020
Annual Association of Firearm and Tool Mark Examiners Conference	Frisco, TX	Meals	Day	\$380.00	1	2	1	\$760		\$760
Annual Association of Firearm and Tool Mark Examiners Conference	Frisco, TX	Transportation	Round-trip	\$330.00	1	2	1	\$660		\$660
Total(s)								\$6,890	\$0	\$6,890
Narrative										

The Association of Firearm and Tool Mark Examiners is an international professional organization for practitioners of firearms and tool mark identification. This annual conference focuses on the exchange of information, methods, best practices and furtherance of research. This is overall a training seminar for the dissemination of information, methods, research and other educational material relating to crime guns/firearms. This training will help further understanding of how current firearm analysis methods, such as using BrassTax/Matchpoint, can be used to assist and more quickly close firearm related cases.

Purpose Area #4

D. Equipment																	
Item	Computation																
<i>List and describe each item of equipment that will be purchased</i>	<i>Compute the cost (e.g., the number of each item to be purchased X the cost per item)</i>																
	# of Items	Unit Cost	Total Cost	Non-Federal Contribution	Federal Request												
			\$0		\$0												
Total(s)			\$0	\$0	\$0												
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E. Supplies											
Supply Items	Computation										
<i>Provide a list of the types of items to be purchased with grant funds.</i>	<i>Describe the item and the compute the costs. Computation: The number of each item to be purchased X the cost per item.</i>										
	# of Items	Unit Cost	Total Cost	Non-Federal Contribution	Federal Request						
			\$0		\$0						
Total(s)			\$0	\$0	\$0						
<table border="1"> <tr> <td>Narrative</td> <td colspan="5"></td> </tr> </table>						Narrative					
Narrative											

Purpose Area #4

F. Construction						
Purpose <i>Provide the purpose of the construction</i>	Description of Work <i>Describe the construction project(s)</i>	Computation <i>Compute the costs (e.g., the number of each item to be purchased X the cost per item)</i>				
		# of Items	Cost	Total Cost	Non-Federal Contribution	Federal Request
				\$0		\$0
Total(s)				\$0	\$0	\$0
Narrative						

Purpose Area #4

G. Subawards (Subgrants)									
Description		Purpose		Consultant?					
<i>Provide a description of the activities to be carried out by subrecipients.</i>		<i>Describe the purpose of the subaward (subgrant)</i>		<i>Is the subaward for a consultant? If yes, use the section below to explain associated travel expenses included in the cost.</i>					
					Total Cost	Non-Federal Contribution	Federal Request		
								\$0	
Total(s)					\$0	\$0	\$0		
Consultant Travel (if necessary)									
Purpose of Travel		Location	Type of Expense	Computation					
<i>Indicate the purpose of each trip or type of trip (training, advisory group meeting)</i>		<i>Indicate the travel destination.</i>	<i>Hotel, airfare, per diem</i>	<i>Compute the cost of each type of expense X the number of people traveling.</i>					
				Cost	Duration or Distance	# of Staff	Total Cost	Non-Federal Contribution	Federal Request
							\$0		\$0
Total							\$0	\$0	\$0
Narrative									

Purpose Area #4

H. Procurement Contracts										
Description		Purpose			Consultant?					
<i>Provide a description of the products or services to be procured by contract and an estimate of the costs. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole source procurements in excess of the Simplified Acquisition Threshold (currently \$150,000).</i>		<i>Describe the purpose of the contract</i>			<i>Is the subaward for a consultant? If yes, use the section below to explain associated travel expenses included in the cost.</i>					
							Total Cost		Non-Federal Contribution	
									Federal Request	
									\$0	
Total(s)							\$0		\$0	
Consultant Travel (if necessary)										
Purpose of Travel	Location	Type of Expense		Computation						
<i>Indicate the purpose of each trip or type of trip (training, advisory group meeting)</i>	<i>Indicate the travel destination.</i>	<i>Hotel, airfare, per diem</i>		<i>Compute the cost of each type of expense X the number of people traveling.</i>						
				Cost	Duration or Distance	# of Staff	Total Cost		Non-Federal Contribution	
									Federal Request	

Purpose Area #4

						\$0		\$0
Total						\$0	\$0	\$0
Narrative								
I. Other Costs								
Description <i>List and describe items that will be paid with grants funds (e.g. rent, reproduction, telephone, janitorial, or security services, and investigative or confidential funds).</i>		Computation <i>Show the basis for computation</i>						
	Quantity	Basis	Cost	Length of Time	Total Cost	Non-Federal Contribution	Federal Request	
					\$0		\$0	
Total(s)						\$0	\$0	\$0
Narrative								

Purpose Area #4

J. Indirect Costs					
Description <i>Describe what the approved rate is and how it is applied.</i>		Computation <i>Compute the indirect costs for those portions of the program which allow such costs.</i>			
	Base	Indirect Cost Rate	Total Cost	Non-Federal Contribution	Federal Request
			\$0		\$0
Total(s)			\$0	\$0	\$0
Narrative					

Budget Detail - Year 3

Does this budget contain conference costs which is defined broadly to include meetings, retreats, seminars, symposia, and training activities? - Y/N
[\(DOJ Financial Guide, Section 3.10\)](#)

A. Personnel

Name <i>List each name, if known.</i>	Position <i>List each position, if known.</i>	Computation <i>Show annual salary rate & amount of time devoted to the project for each name/position.</i>						
		Salary	Rate	Time Worked (# of hours, days, months, years)	Percentage of Time	Total Cost	Non-Federal Contribution	Federal Request
						\$0		\$0
Total(s)						\$0	\$0	\$0
Narrative								

B. Fringe Benefits

Name <i>List each grant-supported position receiving fringe benefits.</i>	Computation <i>Show the basis for computation.</i>				
	Base	Rate	Total Cost	Non-Federal Contribution	Federal Request
			\$0		\$0
Total(s)			\$0	\$0	\$0
Narrative					

Purpose Area #4

C. Travel										
Purpose of Travel	Location	Type of Expense	Basis	Computation						
Indicate the purpose of each trip or type of trip (training, advisory group meeting)	Indicate the travel destination.	Lodging, Meals, Etc.	Per day, mile, trip, Etc.	Compute the cost of each type of expense X the number of people traveling.						
				Cost	Quantity	# of Staff	# of Trips	Total Cost	Non-Federal Contribution	Federal Request
Annual Association of Firearm and Tool Mark Examiners Conference	Omaha, NE	Other	N/A	\$725.00	1	2	1	\$1,450		\$1,450
Annual Association of Firearm and Tool Mark Examiners Conference	Omaha, NE	Local Travel	N/A	\$450.00	1	2	1	\$900		\$900
Annual Association of Firearm and Tool Mark Examiners Conference	Omaha, NE	Lodging	Night	\$1,582.70	1	2	1	\$3,166		\$3,166
Annual Association of Firearm and Tool Mark Examiners Conference	Omaha, NE	Meals	Day	\$380.00	1	2	1	\$760		\$760
Annual Association of Firearm and Tool Mark Examiners Conference	Omaha, NE	Transportation	Round-trip	\$450.00	1	2	1	\$900		\$900
Total(s)								\$7,176	\$0	\$7,176
Narrative										
The Association of Firearm and Tool Mark Examiners is an international professional organization for practitioners of firearms and tool mark identification. This annual conference focuses on the exchange of information, methods, best practices and furtherance of research. This is overall a training seminar for the dissemination of information, methods, research and other educational material relating to crime guns/firearms. This training will help further understanding of how current firearm analysis methods, such as using BrassTax/Matchpoint, can be used to assist and more quickly close firearm related cases.										

Purpose Area #4

D. Equipment					
Item		Computation			
<i>List and describe each item of equipment that will be purchased</i>		<i>Compute the cost (e.g., the number of each item to be purchased X the cost per item)</i>			
	# of Items	Unit Cost	Total Cost	Non-Federal Contribution	Federal Request
			\$0		\$0
Total(s)			\$0	\$0	\$0
Narrative					
E. Supplies					
Supply Items		Computation			
<i>Provide a list of the types of items to be purchased with grant funds.</i>		<i>Describe the item and the compute the costs. Computation: The number of each item to be purchased X the cost per item.</i>			
	# of Items	Unit Cost	Total Cost	Non-Federal Contribution	Federal Request
			\$0		\$0
Total(s)			\$0	\$0	\$0
Narrative					

Purpose Area #4

F. Construction						
Purpose <i>Provide the purpose of the construction</i>	Description of Work <i>Describe the construction project(s)</i>	Computation <i>Compute the costs (e.g., the number of each item to be purchased X the cost per item)</i>				
		# of Items	Cost	Total Cost	Non-Federal Contribution	Federal Request
				\$0		\$0
<i>Total(s)</i>				\$0	\$0	\$0
Narrative						

Purpose Area #4

G. Subawards (Subgrants)								
Description		Purpose		Consultant?				
Provide a description of the activities to be carried out by subrecipients.		Describe the purpose of the subaward (subgrant)		Is the subaward for a consultant? If yes, use the section below to explain associated travel expenses included in the cost.				
					Total Cost	Non-Federal Contribution	Federal Request	
							\$0	
Total(s)					\$0	\$0	\$0	
Consultant Travel (if necessary)								
Purpose of Travel		Location	Type of Expense	Computation				
Indicate the purpose of each trip or type of trip (training, advisory group meeting)		Indicate the travel destination.	Hotel, airfare, per diem	Compute the cost of each type of expense X the number of people traveling.				
			Cost	Duration or Distance	# of Staff	Total Cost	Non-Federal Contribution	Federal Request
						\$0		\$0
Total						\$0	\$0	\$0
Narrative								

H. Procurement Contracts

Description	Purpose	Consultant?					
<i>Provide a description of the products or services to be procured by contract and an estimate of the costs. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole source procurements in excess of the Simplified Acquisition Threshold (currently \$150,000).</i>	<i>Describe the purpose of the contract</i>	<i>Is the subaward for a consultant? If yes, use the section below to explain associated travel expenses included in the cost.</i>					
			Total Cost	Non-Federal Contribution	Federal Request		
					\$0		
Total(s)			\$0	\$0	\$0		
Consultant Travel (if necessary)							
Purpose of Travel	Location	Type of Expense	Computation				
<i>Indicate the purpose of each trip or type of trip (training, advisory group meeting)</i>	<i>Indicate the travel destination.</i>	<i>Hotel, airfare, per diem</i>	<i>Compute the cost of each type of expense X the number of people traveling.</i>				
		Cost	Duration or Distance	# of Staff	Total Cost	Non-Federal Contribution	Federal Request
					\$0		\$0
Total					\$0	\$0	\$0
Narrative							

Purpose Area #4

I. Indirect Costs							
Description	Computation						
List and describe items that will be paid with grants funds (e.g. rent, reproduction, telephone, janitorial, or security services, and investigative or confidential funds).	Show the basis for computation						
	Quantity	Basis	Cost	Length of Time	Total Cost	Non-Federal Contribution	Federal Request
					\$0		\$0
Total(s)					\$0	\$0	\$0
Narrative							

J. Indirect Costs					
Description	Computation				
Describe what the approved rate is and how it is applied.	Compute the indirect costs for those portions of the program which allow such costs.				
	Base	Indirect Cost Rate	Total Cost	Non-Federal Contribution	Federal Request
			\$0		\$0
Total(s)			\$0	\$0	\$0
Narrative					

Budget Summary

Budget Summary

Note: Any errors detected on this page should be fixed on the corresponding Budget Detail tab.

	Year 1		Year 2 (if needed)		Year 3 (if needed)		Year 4 (if needed)		Year 5 (if needed)		
Budget Category	Federal Request	Non-Federal Request	Federal Request	Non-Federal Request	Federal Request	Non-Federal Request	Federal Request	Non-Federal Request	Federal Request	Non-Federal Request	Total(s)
A. Personnel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B. Fringe Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C. Travel	\$7,451	\$0	\$6,890	\$0	\$7,176	\$0	\$0	\$0	\$0	\$0	\$21,517
D. Equipment	\$420,367	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$420,367
E. Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F. Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G. Subawards (Subgrants)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
H. Procurement Contracts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
I. Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Direct Costs	\$427,818	\$0	\$6,890	\$0	\$7,176	\$0	\$0	\$0	\$0	\$0	\$441,884
J. Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Project Costs	\$427,818	\$0	\$6,890	\$0	\$7,176	\$0	\$0	\$0	\$0	\$0	\$441,884
Does this budget contain conference costs which is defined broadly to include meetings, retreats, seminars, symposia, and training activities? - Y/N											Yes



U.S. Department of Justice

Bureau of Alcohol, Tobacco,
Firearms and Explosives

Phoenix Field Division

www.atf.gov

March 10, 2026

Bureau of Justice Assistance
810 Seventh Street, NW
Washington, DC 20531

Sir/Madam,

This letter stands in support of the City of Goodyear, Arizona application for the Local Law Enforcement Crime Gun Intelligence Center (CGIC) Integration Initiative, administered by the Bureau of Justice Assistance in partnership with the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF).

The impact of gun violence in the Goodyear area presents unique challenges for local law enforcement agencies to fulfill their mission of protecting the public. As a united front, our guiding message is that this violence is not acceptable. Collectively we must target the predators, prolific shooters, and their sources of firearms. In order to address violent gun crime in the area, ATF understands the Goodyear Police Department is seeking grant funds to develop a Crime Gun Intelligence Center, which would utilize NIBIN, eTrace, forensics and other tools to mitigate gun violence. This grant funding would allow for better efficiency in the building and sharing gun intelligence with other local law enforcement agencies in the Phoenix Metropolitan West Valley. The Goodyear Police Department has already demonstrated effective processes in their utilization of NIBIN and eTrace to target violent offenders and prolific shooters committing acts of violence in the West Valley. The Goodyear Police Department currently collaborates with local, state, and federal law enforcement agencies, to include ATF, on a variety of investigations to include NIBIN follow-up investigations that continue to see successes in removing violent offenders from our communities.

On behalf of ATF in Phoenix, Arizona, I would like to express our full support for the Goodyear Police Department's grant application.

Sincerely,

Shawn Stallo
Acting Special Agent in Charge
Phoenix Field Division

Letter of Support for the Goodyear Police Department – NIBIN Project

To Whom It May Concern,

I am writing to express my support for the Forensic Services Supervisor of the Goodyear Police Department, Chantalle Zdilla's grant application for the NIBIN project. As the Forensic Services Supervisor with the Peoria Police Department, I have had the opportunity to work with members of the Goodyear Police Department through professional collaboration and regional public safety efforts. Through these interactions, I have observed their commitment to improving services, strengthening investigative capabilities, and enhancing safety for the communities they serve.

Our agencies maintain a professional working relationship and regularly collaborate on matters related to law enforcement operations, investigations, and information sharing. Based on this experience, I have developed a strong respect for the professionalism and dedication demonstrated by the personnel at the Goodyear Police Department.

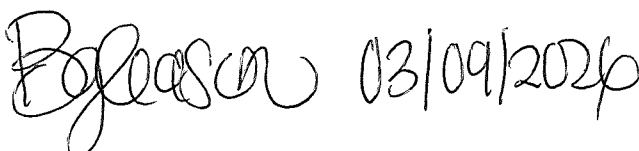
The proposed project addresses an important need within the community. Investments in NIBIN Brasstrax and NIBIN-related items would have a tremendous impact on our communities. Gun-related crimes continue to rise within our communities and are often interconnected incidents between our jurisdictions. The NIBIN project will enhance the agency's ability to respond effectively to incidents, support investigative efforts, and improve overall public safety outcomes. Initiatives such as this strengthen not only the applicant agency's capabilities but also benefit neighboring agencies and the broader regional public safety network. Our agency would benefit from the opportunity to use the terminal, and it would further strengthen our commitment to helping other agencies in the West Valley obtain the supplies needed to do their jobs.

Based on my experience working with the Goodyear Police Department, I am confident in their capacity to successfully implement the proposed project. Their agency has demonstrated strong leadership, sound operational practices, and a commitment to responsible stewardship of resources. These qualities position them well to effectively manage grant funding and achieve the goals outlined in their proposal.

For these reasons, I fully support the Goodyear Police Department's application and believe this project will provide meaningful benefits to their community and the surrounding agencies.

Thank you for your consideration.

Sincerely,



Brittany Gleason
Forensic Services Supervisor
Peoria Police Department

03/03/2026

To Whom It May Concern,

I am writing on behalf of Chessa Emmons, Forensic Specialist with the Goodyear Police Department. This letter is to express my strong support for the proposed NIBIN-related project. Mrs. Emmons has maintained a collaborative working relationship with the Buckeye Police Department NIBIN team for just over a year. Throughout this past year, we have been able to demonstrate mutual trust, operational coordination, and a shared commitment to reducing gun violence in not only our cities, but in the many surrounding jurisdictions. She shows great operational readiness, combined with clearly defined goals and performance measures, and has ensured they have the capacity to complete the proposed project efficiently and in compliance with all requirements.

Gun-related crimes continue to have an impact on our communities, often involving repeat offenders and interconnected incidents across jurisdictions. The National Integrated Ballistic Information Network (NIBIN) is a critical investigative tool that enhances public safety by enabling law enforcement agencies to connect firearm-related evidence across many jurisdictions. Through time sensitive ballistic imaging, analysis and correlation, NIBIN helps identify links between shooting incidents and has potential to prevent further criminal activity. Obtaining NIBIN through this proposed project can reduce investigative turnaround times, support prosecution by producing strong forensic evidence, disrupt violent crime networks, and ultimately improve public safety.

Mrs. Emmons has demonstrated strong leadership, exceptional time management, and a proven track record of successfully implementing and adhering to firearm-related evidence policies and procedures. The Goodyear Police Department possesses trained personnel, has well established evidence submission protocols, and an existing NIBIN infrastructure that supports effective project execution. I fully support this application and am confident that the proposed project will produce great improvements in firearm related crime investigations for the Goodyear Police Department.

Please feel free to contact me if additional information is needed.

Sincerely,

Aime M. Prusick



Crime Scene Manager
Buckeye Police Department
aprusick@buckeyeaz.gov

Chantalle Zdilla
11 N 145th Ave.
Goodyear, AZ, 85338
(480)-852-8661
CZdilla@goodyearaz.gov

Education

- Master of Science in Pharmacy, concentration Forensic Science, Summa Cum Laude, University of Florida, Gainesville, Florida. August 2015
- Graduate Certificate in Forensic DNA and Serology, University of Florida, Gainesville, Florida. December 2016
- Bachelor of Science in Forensic Science, Summa Cum Laude, Grand Canyon University, Phoenix, Arizona. April 2014

Professional Experience

Employment:

Forensic Services Supervisor, Goodyear Police Department, Goodyear, AZ
December 2023 – Present

- Supervise Forensic Services Unit through managing personnel, providing training, and keeping update-to-date best practices. Assist in miscellaneous needs of the department regarding crime scene response and forensic related matters.
- Respond to crime scenes for technical police support.
- Process and investigate crime scenes to record, document, and collect physical evidence, including fingerprint evidence, using cameras, measurement techniques, and special physical evidence procedures.
- Perform presumptive chemical tests to determine the presence of blood evidence.
- Perform field drug tests to determine presence of illicit drugs
- Provide expert testimony relative to the work performed in court and other legal proceedings.
- Write reports and complete all paperwork associated with crime scene investigations
- Process physical evidence for DNA and/or latent fingerprints
- Perform laboratory processing of physical evidence for DNA and/or latent fingerprints
- Oversee NIBIN program and perform NIBIN related documentation and test firing of firearms collected by department personnel
- Oversee Police Department TruNarc Program to include policy review, training, and instrument quality control

Senior Crime Scene Specialist, Gilbert Police Department, Gilbert, AZ
October 2022 – December 2023

- Respond to crime scenes for technical police support.
- Process and investigate crime scenes to record, document, and collect physical evidence, including fingerprint evidence, using cameras, measurement techniques, and

special physical evidence procedures.

- Perform presumptive chemical tests to determine the presence of blood evidence.
- Perform field drug tests to determine presence of illicit drugs
- Provide expert testimony relative to the work performed in court and other legal proceedings.
- Write reports and complete all paperwork associated with crime scene investigations

Forensic Services Technician, Tempe Police Department, Tempe, AZ, July 2022- September 2022

- Respond to crime scenes to forensically identify, photograph, document, collect, and preserve physical and biological evidence.
- Apply various processing methods to locate and develop latent prints on scene and the laboratory. Produce written reports using notes and photographs.
- Photograph, document, and perform test fires of request guns for NIBIN entry.

Crime Scene Technician II, Chandler Police Department, Chandler, AZ
November 2015-December 2018, May 2020 – June 2022

- Respond to crime scenes for technical police support.
- Process and investigate crime scenes to record, document, and collect physical evidence, including fingerprint evidence, using cameras, measurement techniques, and special physical evidence procedures.
- Perform presumptive chemical tests to determine the presence of blood evidence.
- Provide expert testimony relative to the work performed in court and other legal proceedings.
- Write reports and complete all paperwork associated with crime scene investigations

Adjunct Professor, College of Science, Engineering and Technology, Grand Canyon University, Phoenix, AZ. August 2015 - January 2020, August 2020 - Present

- Educate, guide and facilitate learning of college undergraduate and graduate students in forensic science related courses including but not limited to SCI-220 Forensic Photography and Reconstruction, SCI-255 Crime Scene Processing, SCI-320 Physical Evidence, BIO-440 Body Fluid and DNA Analysis, SCI-498 Senior Capstone in Forensic Science, FOR-505 Ethical Principles in Forensic Science and the Role of QA and QC, FOR-515 Crime Scene Processing and Medicolegal Death Investigation, FOR-525 Applied Statistics for Forensic Science, FOR-530 Microscopy and Instrumental Analysis Methods in Forensic Science, FOR-540 Advanced Body Fluid and DNA Analysis, FOR-575 Comparative Methods, and FOR-600 Courtroom Presentation of Scientific Evidence.

Professor, College of Science, Engineering and Technology, Grand Canyon University, Phoenix, AZ. January 2019 – August 2020

- Educate, guide, and facilitate learning of college undergraduate students in forensic science related courses including but not limited to BIO-440 Body Fluid and DNA Analysis, SCI-498 Senior Capstone in Forensic Science, SCI-220 Forensic Photography and Reconstruction, SCI-255 Crime Scene Processing, and SCI-320 Physical Evidence. Mentor undergraduate students on gaining professional experience and facilitate Forensic Science research group (Arizona Shoe Outsole Database: Sole Purpose).

Volunteer:

- Volunteer Crime Scene Technician II, Chandler Police Department, Chandler, AZ
January 2019 – May 2020
- Forensic Laboratory Volunteer, Chandler Police Department, Chandler, AZ.
November 2013 - November 2015

Professional Certifications

Certified Crime Scene Investigator
Certificate No. C14007
TruNarc/NARK II Certified

International Association for Identification
Expires: September 14, 2028
Mesa Police Department Forensic Services
Obtained: December 6, 2022

Professional Associations

International Association for Identification
Arizona Identification Council
Arizona Homicide Investigators Association
International Crime Scene Investigators Association

May 2016 - Present
March 2021 - Present
January 2019 – December 2024
June 2017- June 2019

Training Certificates

<i>Chandler Police Department Crime Scene Training School</i>	November 2015 - February 2016
<i>Chandler Police Department Crime Scene Field Training</i>	February 2016 – March 2016
<i>Courtskills and Courtroom Presentation of Evidence</i>	April 2016
Presented by: Raymond Davis	
<i>Ethics, Quality, and Integrity in Forensic Science</i>	May 2016
Presented by: Anja Einseln, ASCLD/LAB	
<i>Foundations of Fingerprint Comparison</i>	August 2016
Presented by: Texas A&M Forensic Science Academy	
<i>Equipment training on Bend-Pak Vehicle Lift</i>	August 2016
Presented by: City of Chandler	
<i>Fingerprint Evidence Processing, Collection, and Photography</i>	February 2017
Presented by: W. Morgan Hays and Lawrence Stringham	
<i>Comparative Photography Refresher Training Shoe Prints, Tire Marks, and Exemplars</i>	April 2017
Presented by: Daniel Desjardins and Deborah Itule	
<i>Photo Evidence for Reconstruction of Vehicular Crimes</i>	May 2017
Presented by: Officer Bill Johnson, CPD	
<i>Arson Scene Investigations</i>	June 2017
Presented by: Detective Ed Nordskog	
<i>General Instructors Training</i>	August 2017
Presented by: AZ POST Instructors	
<i>AZDPS Trajectory Training</i>	December 2017
Presented by: DPS Instructors	
<i>IAI Crime Scene Certification Preparation CCSI</i>	September 2018

Presented by: Janice Johnson <i>4th Annual Toxicology Conference</i>	September 2019
Presented By: Maricopa Medical Center <i>Fundamentals of Death Investigation Webinar</i>	March 2021
Presented By: Dr. Maria Pettolina <i>Introduction to Crime Scene Management Webinar</i>	November 2021
Presented By: Lawrence Stringham <i>ANAB Forensic Technical Assessor Training (ISO/IEC 17025:2017)</i>	April 2022
Presented By: Led Remote Training <i>Substance Field Training NARK II / TruNarc</i>	December 2022
Presented By: Jon Tew <i>Advanced Crime Scene Investigation</i>	March 2023
Presented By: Steven McGibbons <i>Surface Skeleton and Buried body Recovery Course</i>	April 2023
Presented By: Dr. Laura Fulginiti & Frank DiModica <i>Courtroom Testimony Training</i>	April 2023
Presented By: Kristy Swan & Kristen Rogers <i>Courtroom Testimony Training</i>	October 2023
Presented By: Patrick G. Gann <i>Arizona Homicide Investigators Association Conference</i>	September 2023
Presented By: Nathan Moffat & Stephen Palmer <i>NIBIN Triage & Acquisition</i>	February 2024
Presented By: Scott Wills <i>AZPOST Front Line Leadership</i>	March 2024
Presented By: Ron Bane <i>Gap Science Forensic Field Training Course</i>	April 2024
Presented By: Ashley Church <i>Trimble X7 & GNSS Forensic Mapping, and Forensic Reveal I</i>	June 2024
Presented By: Hunter Martin <i>DNA Evidence Collection and Submission</i>	September 2024
Presented By: Sarah LaFragola <i>Supervision of Forensic Units</i>	February 2025
Presented By: Lawrence Stringham <i>Supervisor Leadership Institute</i>	March 2025
Presented By: FBI-LEEDA	

Chessa Emmons

FORENSIC SPECIALIST

Objective

Reputable and organized forensic specialist, crime scene investigator, and analyst, with multiple years of experience in public service efforts conducting investigative research through identification, collection, documentation, and processing of evidence, producing comprehensive reports for varied audiences—public, private, and interagency.

Education

2025-2027	Oklahoma State University DFS Doctoral Candidate
2022-2023	Arizona State University PSM Forensic Science Thesis: "Forensic DNA Analysis: An Evolution of Techniques & Technology" Advisor: Dr. Stewart Raley
2014-2015	Troy University BS Anthropology Graduated Magna Cum Laude Minored in Criminal Justice
2011-2014	New Mexico State University AS General Science

Honors and awards

August 2023	Graduate Degree With Distinction Awarded for earning a 4.0 cumulative GPA.
December 2015	Magna Cum Laude Awarded to students who achieve and maintain a minimum 3.6 GPA.
July 2013	Crimson Scholar Awarded at graduation to academically superior students who achieve and maintain a 3.5 GPA or higher.

Certifications

September 2024	TruNarc Analyzer Operations Thermo Fisher Scientific
January 2025	NIBIN Triage and Acquisition Department of Justice – Alcohol, Tobacco, and Firearms
September 2025	Certified Crime Scene Investigator, Level I International Association for Identification

Professional training

2024	Goodyear Police Department Forensic Services Unit Four-phase comprehensive training program.
June 2024	Trimble Forensics – 40 hrs. Trimble X7 Forensic Mapping, Trimble GNSS Forensic Mapping, and Trimble Forensics Reveal program training.
August 2024	Texas Forensic Science Academy – 16 hrs. Foundations of Fingerprint Comparison utilizing the ACE-V method of analysis, comparison, evaluation, and validation regarding fingerprint evidence.
September 2024	Arizona Department of Public Safety – 4 hrs. DNA Evidence Collection and Submission practices for identifying items of evidentiary value and associated collection procedures and techniques.
September 2024	Thermo Fisher Scientific – 2 hrs. TruNarc Basic Operator Course and TruNarc Analyzer Operational Training Course, to operate the TruNarc device and provide device support to personnel.
October 2024	Chandler Police Department – 8 hrs. Courtroom Testimony Training involving preparation techniques for expert witness testimony in a court trial.
November 2024	TriTech Forensics – 40 hrs. Advanced Crime Scene Documentation training, to include bloodstain pattern documentation and shooting incident documentation.
November 2024	Foster & Freeman – 8 hrs. Alternate Light Source Applications and Techniques including the use of the Crime-Lite Auto and other technology to observe and collect evidence on a scene.
January 2025	Dept. of Justice: Alcohol, Tobacco, and Firearms – 40 hrs. National Integrated Ballistics Information Network training on triage and image acquisition protocols for cartridge case entry into the IBIS (Integrated Ballistics Identification System) Brasstrax system.
January 2025	Pinal County Medical Examiner's Office – 3 hrs. Distinguishing Postmortem Changes and Injuries including lecture of postmortem changes vs. Injury comparison and culminating in an autopsy examination and discussion.

February 2025	Pinal County Medical Examiner's Office – 3 hrs. Human Skeletal Remains seminar, including lecture of skeletal components, identifying characteristics, and trauma analysis culminating in an examination of multiple sets of skeletal remains and discussions.
March-April 2025	Fingerprint Evidence Processing, Collection & Photography – 40 hrs. Comprehensive training on mechanical and chemical processing of latent print evidence, including two days of photography workshops with specialized lighting techniques and use of alternate light sources to visualize and record evidence.
May 2025	Legal and Liability Risk Management Institute – 1.5 hrs. Firearm and Firearm Evidence -- In-depth review of firearms and firearm-related evidence, including cartridges, casings, projectiles, firearm mechanisms, and processing and documentation procedures.
June 2025	Foster and Freeman – 1 hr. Trace Evidence webinar demonstrating the use of various technological components to visualize trace evidence with alternate light sources.
October 2025	Pinal County Medical Examiner's Office – 3 hrs. Uncommon and Unusual Deaths seminar, including lecture of various unusual occurrences on death investigation scenes and the critical importance of proper documentation on scene and during interviews.
January 2026	Trimble Forensics – 16 hrs. Trimble X9 Forensic Mapping, Trimble GNSS Forensic Mapping, and Trimble Forensics Reveal program training practical application with law enforcement personnel.
February 2026	Dr. Fulginitti and DiModica – 24 hrs. Surface Skeleton and Buried Body Recovery Seminar in the proper techniques for processing surface skeletons and buried body scenes, involving two days of lecture and one day of recovery of human remains from a clandestine grave.

Professional affiliations

2024-Present	International Association for Identification Active member
2024-Present	Arizona Identification Council Active member

Languages

English	Native language
Spanish	Novice Speaker, Novice Listener, Intermediate Reading and Writing

References

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EDUCATION

Master of Science in Forensic Science, concentration in Forensic Investigative Sciences,
Oklahoma State University
-Tulsa, Oklahoma, August 2027

Bachelor of Science in Forensic Science, Cum Laude, Grand Canyon University
-Phoenix, Arizona, April 2021

PROFESSIONAL EXPERIENCE

Employment

Forensic Specialist, Goodyear Police Department, Goodyear, AZ

August 2022 – Present

- Respond to crime scenes to provide technical support for police investigations.
- Document, photograph, and process crime scenes to collect and preserve physical evidence, including fingerprint evidence, using specialized techniques and equipment.
- Write detailed reports and complete all required documentation associated with crime scene investigations.
- Photograph, document, and perform test-firing of firearms collected by department personnel for NIBIN entry.
- Perform NIBIN entries.
- Conduct forensic processing of submitted evidence items to recover DNA and fingerprint evidence in the lab.
- Provide expert testimony relative to the work performed in court and other legal proceedings.

Volunteer

Volunteer Crime Scene Technician, Avondale Police Department, Avondale, AZ

June 2021 – August 2022

- Assist Identification Technicians at crime scenes by locating and collecting evidence, acting as a scribe, packaging items, and retrieving necessary supplies.
- Conduct forensic processing of submitted evidence items to recover fingerprint evidence using visual examination, and chemical or physical processing techniques to include powders and cyanoacrylate fuming.
- Handle and assist in the forensic processing of evidence in the crime lab, including DNA collection from firearms, while adhering to safety protocols and packaging standards.

PROFESSIONAL CERTIFICATIONS

TruNarc Certified (Obtained - September 2024) -Goodyear Police Department

NIBIN Triage & Acquisition Certified (Obtained - October 2024) -ATF

Certified Crime Scene Investigator (Obtained - July 2025) – International Association for Identification

AZ POST General Instructor (Obtained - March 2026) – Arizona Peace Officer Standards and Training Board

TRAINING CERTIFICATES

<i>"Documenting the Suicide Scene"</i> (1.5 hours)	October 2022
Presented by: Tom Martin	
<i>"Arizona Identification Council Conference"</i> (24 hours)	October 2022
Presented by: Multiple Presenters	
<i>"AZDPS DNA Evidence Collection for Agencies"</i> (4 hours)	November 2022
Presented by: S. LaFragola, B. Ford, & G. Belancik	
<i>"Investigative Genealogy"</i> (2 hours)	November 2022
Presented by: Jim Kraus	
<i>"Firearms and Firearm Evidence"</i> (2 hours)	December 2022
Presented by: Tom Martin	
<i>"Bone or Stone? Human or Non-Human?"</i> (2 hours)	February 2023
Presented by: Dr. Terea 'Lily' White	
<i>"Advanced Crime Scene Investigation"</i> (40 hours)	March 2023
Presented by: Brandon Nabozny	
<i>"Cold Case Homicide Training"</i> (9 hours)	April 2023
Presented by: DPS & MCAO Instructors	
<i>"Courtroom Testimony Training"</i> (8 hours)	April 2023
Presented by: Kristy Swan & Kristin Rogers	
<i>"Nighttime Photography Training"</i> (4 hours)	April 2023
Presented by: Brandon Nabozny & Ken Pomeranz	
<i>"Analysis & Documentation of Medicolegal Death Investigations"</i> (40 hours)	June 2023
Presented by: Dr. Maria Pettolina	
<i>"Long Exposure & Flash Photography"</i> (24 hours)	July 2023
Presented by: Brandon Nabozny	
<i>"Explaining the Unexplained: Investigating Child Fatalities"</i> (1.25 hours)	October 2023
Presented by: Jenna DeRango	
<i>"Trimble X7 & GNSS Forensic Mapping, and Forensic Reveal I"</i>	June 2024
Presented by : Hunter Martin	
<i>"Fingerprint Processing, Photography, and Collection"</i> (40 hours)	June 2024
Presented by: Kasey Buckner	
<i>"NIBIN Training"</i> (40 hours)	October 2024
Presented by: Scott Wills	

<i>"Advanced Crime Scene Documentation"</i> (40 hours)	November 2024
Presented by: Jackie Smithson	
<i>"Human Skeletal Remains Seminar"</i> (4 hours)	February 2025
Presented by: Dr. Courtney Koppenhaver-Astrom	
<i>"Crime Scene Certification Preparation"</i> (32 hours)	July 2025
Presented by: Sunny Lu	
<i>"Investigative Analysis & Crime Scene Reconstruction"</i> (40 hours)	September 2025
Presented by : Gary Graff & Iris Dalley Graff	
<i>"Trimble GNSS Forensic Mapping"</i>	January 2026
Presented by : JJ Connelly	
<i>"Surface Skeleton and Buried Body Recovery"</i> (32 hours)	February 2026
Presented by : Dr. Laura Fulginiti & Frank DiModica	
<i>"AZ POST General Instructor School"</i> (40 hours)	March 2026
Presented by : AZDPS General Instructors	

MEMBERSHIP AND ACTIVITY IN PROFESSIONAL ORGANIZATIONS

- Member of Arizona Identification Council since 2022
- Member of International Association for Identification since 2022