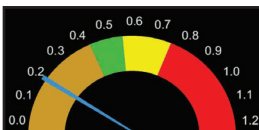




**Pine Bluff  
Arsenal  
24/7 SHARP  
Hotline  
870-209-4093**

## PBA Safety Glance



**Safety Element for fiscal  
year 2022**

**Lost Day Case Rate: 0.19  
Award Goal: 0.57**

**\*Lost time injuries for fiscal year 2022 is one. There is zero lost time injuries for June 2022.**

**\*Recordable injuries for fiscal year 2021 is three. Recordable injuries is one for June 2022.**

**\*Pine Bluff Arsenal days without a lost time injury is 176.**

**\*Pine Bluff Arsenal days without a recordable injury is 6.**

**\*Estimated hours worked without a lost time injury: 695,781.**



## Happy 247 Birthday U.S. Army



Pine Bluff Arsenal celebrated the Army's 247th Birthday June 14 with a cake cutting by Arsenal Commander Col. Patrick S. Daulton and Arsenal Deputy to the Commander Roch Byrne.

U.S. ARMY PHOTO BY HUGH MORGAN

## Holston celebrates 80th anniversary, buries time capsule

*By Mark Kane  
U.S. Army Joint  
Munitions Command*

KINGSPORT, Tenn. – Holston Army Ammunition Plant celebrated 80 years of operating and producing explosives in support of the U.S. Army and the warfighter on June 6.

HSAAP marked the occasion with an outdoor ceremony to include the burial of a time capsule containing items reflecting the last 80 years of the Holston ordnance mission. Built in 1942, HSAAP was operational in less than two years – an achievement

which ultimately changed the landscape of the entire world during wartime.

Jeff Worley, HSAAP Deputy Commander, narrated the ceremony and provided the description of the time capsule used to highlight the event.

"This time capsule contains historical reports, engineering designing tools, an old wooden water line, a hydrometer used to check the density of the solvent in the manufacturing process of RDX, a complete list of both the government staff members and BAE employees, information on the COVID-19 pandemic and the

effects it had on the day-to-day operations of Holston, along with various other items that represents each department," said Worley. "It also contains letters to the future leaders of Holston from the current commander, Lt. Col. Scott Carpenter, Joint Munitions Command Command Sgt. Maj. Petra Casarez and Jeff Russell, general manager, BAE Systems, Inc. The time capsule will be opened in 2042 in celebration of the 100th anniversary, and the intent of the time capsule is to capture some of the past and present to share with the

**See HSAAP page 2**



The Holston Army Ammunition Plant 80th anniversary time capsule shown before it is covered up for the next 20 years. The current plan is the time capsule will be dug up on June 6, 2042 as part of the plant's 100th anniversary celebration. U.S. ARMY PHOTO BY KATHY COLE-HSAAP

### Right Today

Accomplishing the mission "right today" simply means complying with regulations, policies, plans, work instructions, SOPs, and other requirements. We will not compromise the quality of products that will be used by our Warfighters and when we make these products, we will minimize impact on the environment and we will ensure no one gets hurt in the process.

### Better Tomorrow

"Better tomorrow" means that every day, we will make improvements. Every time we start a manufacturing or administrative process, it should be more efficient and more environmentally friendly than it was before. Every day should be safer than the last one.



## Congratulations to PBA's Strong Beginnings Graduates



Pine Bluff Arsenal's Child and Youth Services held a Strong Beginnings graduation June 22. Graduates Fallon Hiserodt, left, and Elizabeth "Libby" Rittenhouse, are pictured above with Arsenal Commander Col. Patrick S. Daulton. Fallon is the daughter of Jeremy and Laura Hiserodt and Libby is the daughter of Chris and Rebecca Rittenhouse. Both girls will start Kindergarten in the fall. U.S. ARMY PHOTO BY AMBER JO WEBBER-CYS

## Blood Drive



Brent Webber with Pine Bluff Arsenal's Directorate of Family Morale, Welfare and Recreation, takes a break from taking orders at Cool Breezes to give a pint or two of blood during a blood drive June 15. The drive, conducted by the Arkansas Blood Institute, was held at PBA's Recreation Services. Approximately 24 units of blood were collected during the event. Donors received a t-shirt and one free ticket to Magic Springs Theme and Water Park in Hot Springs. U.S. ARMY PHOTO BY HUGH MORGAN

## HSAAP from Page 1

future men and women who will make up Team Holston."

"Holston Army Ammunition Plant celebrates an important milestone this summer, as 2022 marks 80 years of support to the Warfighter," said HSAAP Commander Lt. Col. Scott Carpenter. "This site and community have served our nation for eight decades and supported every major conflict since World War II. In 1942, we had one product here at Holston and now we have the ability to produce more than 80. When we started out, Holston had 10 production lines, but through the years, working more efficiently, we're down to two production lines, but remain fully capable to produce those 80 products."

More than three generations of dedicated Americans have continued to run the facility since its beginning. Running at full capacity across 10 lines, and operated by a largely female workforce, Holston delivered a tactical advantage over the German U-boats during World War II, and soon the war was won.

"In the Army, we consider our greatest asset and number one priority to be our people, and accordingly we would like to pay special tribute to the many individuals and generations of families who have honorably served at Holston over the last 80 years," said Carpenter. "We honor their commitment in supporting our Army's ability to deploy, fight, and win our nation's wars."

In 1999, BAE Systems became the second operating contractor of the plant under a government-owned, contractor-operated agreement. The company has been dedicated for more than two decades to ensuring mission success.

"It has been stated by many that winning wars isn't done by mistake, but by extensive planning and innovation. Such innovations are critical to our modern warfighter and for the safety of the user; it saves lives both on and off the battlefield," said Carpenter. "The Holston Research and Development team developed IMX-101 to replace TNT in artillery, as IMX-101 is much safer to handle and store than TNT, yet equally effective." In fact, *Time* magazine named IMX-101 among "The 50 Best



Holston Army Ammunition Plant Commander Lt. Col. Scott Carpenter delivers the keynote speech during HSAAP's 80th anniversary ceremony June 6. U.S. ARMY PHOTOS BY KATHY COLE - HSAAP



Holston Army Ammunition Plant's 80th anniversary cake on display June 6, as part of the event marking the benchmark day.

Inventions of 2010." The Research and Development team continues to explore and innovate on the cutting edge of the next phase of warfare.

The day-to-day function of the Holston plant is as important as the ammunition they make. One of the most recent and notable projects was the construction of the natural-gas fire steam plant which replaced the coal-fire steam plant, serving the site since 1943. The new natural-gas steam facility incorporates best available emission control technologies, which have reduced emissions of several regulated criteria pollutants. In fact, Holston recently executed a test which revealed the system is operating in full compliance and well-below permitted limits.

The plant continues to make efforts to divert waste away from open burning grounds. So far Team Holston has diverted more than 10,000 cubic yards of production waste, seven million pounds of building debris, and 45 million pounds of concrete and metal to be recycled.

"Holston provides a sense of purpose, immediacy and impact and encourages the workforce to constantly think about what comes next," said Carpenter. "The Holston workforce has been, and will continue to be an important part of the history of our nation, and we are prepared to handle the needs of the future, both here and around the world."



## Commander's Column

Team Pine Bluff,

My command here at Pine Bluff has passed quickly during the past two years. I started my time here during uncertain times – in the midst of a global pandemic. I want to thank each and every member of our Workforce for their resilience, dedication and loyalty to the Arsenal, our mission and to our nation. Every employee, whether working directly with our industrial operations or in support functions, is important in ensuring the strength and security of our nation.

I would like to say thank you to the cities of White Hall and Pine Bluff, Jefferson County and the state of Arkansas. Your support to the Arsenal means a great deal. There is no way the installation could survive and continue its important missions without your continued support, and the highly skilled Workforce you provide.

The Arsenal Workforce amazes me daily, and I am



**Col. Patrick S. Daulton** proud of the work we do here. The installation continues to be a vibrant part of the Organic Industrial Base by expanding our mission expertise. I appreciate the Workforce's diligence in working every day with safety in mind. You know what needs to be done, and continue to watch out for each other, making sure unsafe practices are corrected.

Summer is definitely here. The last few weeks have been hot and dry. Work plans for dealing with the heat should now be in place and in prac-

tice. By staying hydrated and mindful of heat-related injuries, we can all have a safe and fun summer.

Thank you for being part of the PBA team. The work you do here is important. The work you do provides the Joint Warfighter with essential smoke and pyrotechnic ammunition, and with critical chemical and biological defense equipment. I am proud to have been a part of what we have done together the past two years, and I'm certain you will do greater things in the future.

I know you are in good hands with Col. Marchand. I will remember PBA's great Workforce fondly. I am grateful to have had the opportunity to serve with you. The Arsenal will always be in my heart as I continue my career. Thank you for what you do every day to support the Arsenal, and best wishes for a bright future. We are America's Arsenal.

*The 39th Commander*



Pine Bluff Arsenal Commander Col. Patrick S. Daulton, presents a flag flown over the Arsenal to Missy Broadnax during a retirement event in May. Broadnax, PBA Director of Family Morale, Welfare and Recreation, retires with 35 years of government service. U.S. ARMY PHOTO BY HUGH MORGAN

## Hails and Farewells

### Hails

**Tabatha Lynn Baird**, Supply Systems Analyst, has joined the Directorate of Public Works.

**Thomas Calloway Clark**, Engineering Technician, has joined the Directorate of Business Operations and Planning.

**Trevor S. Dady**, Engineering Technician, has joined the Directorate of Engineering and Technology.

**Kaden D. Jones**, Engineering Technician, has joined the Directorate of Chemical and Biological Defense Operations.

**John M. Pappas**, Engineering Technician, has joined the Directorate of Engineering and Technology.

**Josh Phifer**, Engineering Technician, has joined the Directorate of Public Works.

**Austin Perry**, Industrial Worker, has joined the Directorate of Ammunition Operations.

**Charla D. Colen**, Engineering Technician, has joined the Directorate of Chemical and Biological Defense Operations.

**David R. Heird, Jr.**, Electrician, has joined the Directorate of Public Works.

### Transfers

**Megan E. Enloe**, Program Analyst, has transferred from the Directorate of Public Works to the Department of Health and Human Services, National Center

**Scott M. Ellis**, Industrial Engineer, has transferred from the Directorate of Material Management to the Directorate of Ammunition Operations.

### Farewells

**Cynthia D. Ferat**, Administrative Support, has left the Directorate of Public Works.

**Lisa P. Stewart**, Secretary, has left the Office of the Commander.

### Retirements

**Virginia N. Cushing**, Inventory Management Specialist, has retired from the Directorate of Ammunition Operations. Cushing retires with 18 years of government service.

**Melissa J. Brodnax**, Director-Family Morale, Welfare and Recreation, has retired from the Office of the Commander. Brodnax retires with 35 years of government service.

## Online Conduct

### Think.Type.Post

"Army Professionals, by our solemn oath, voluntarily incur an extraordinary moral obligation to uphold the Army Values, which apply to all aspects of our life. Although our lives are changed by the Internet and social media in general, the standards of our conduct have not.

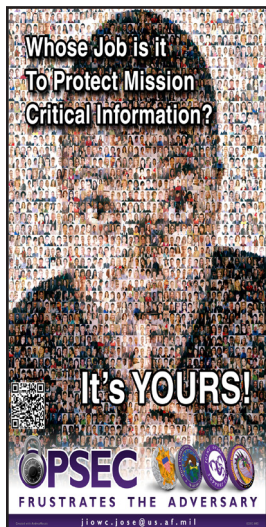
Online misconduct is misconduct - wherever, whenever, and however it occurs. Whether in the form of online harassment, assault, bullying, hazing, stalking, discrimination, retaliation, improper relationships, or any other type of misconduct, we hold ourselves and others accountable.

Army Professionals do not tolerate double standards.; anything that is unacceptable to say or do in person is also unacceptable to write or post online.

When using electronic communication, members of the Army Team should apply "Think, Type, Post."

"Think" about what message/information is being communicated and who could potentially view it; "Type" messages or convey information that is consistent with the Army Values; and "Post" if the message/information is responsible and demonstrates dignity and respect for others.

Remember whenever online - "Think, Type, Trustworthy Post."



## Arsenal Sentinel



**Col. Patrick S. Daulton**, Commander  
**Roch Byrne**, Deputy to the Commander  
**Cheryl Avery**, Public Affairs Officer  
**Rachel Selby**, Sentinel Editor/Social Media  
**Hugh Morgan**, Photographer

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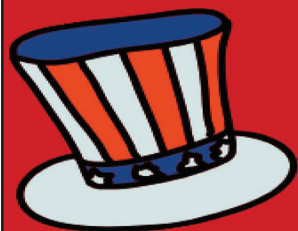
## DPW Spotlight



Photo left, Robbie Hendrix with Pine Bluff Arsenal's Directorate of Public Works Carpenter Shop, does some painting on the light posts near the Plainview Gate entrance.

Photo right, Tyler Cox with Pine Bluff Arsenal's Directorate of Public Works Boiler Plant completes some annual inspections with members of the Arkansas State Board.

U.S. ARMY PHOTOS BY  
TRACEE MILLS-DPW



## 4th of July Safety Tips & Facts

The importance of safety on a dangerous holiday



34% of those  
injured on the 4th  
are ages 25-44

AGE



On average 148  
people die in a car  
related crash

DEATHS



11,000 injuries occur  
from fireworks each  
year on the 4th

INJURIES

- **Alcohol and fireworks don't mix.** Make sure the person in charge is sober
- **Pace your drinking.** Americans drink more on July 4th than any other holiday.
- **Drunk boating is as dangerous as drunk driving.** Nearly 1/3 of boating deaths are tied to alcohol
- **Make plans for a sober ride home before the day's festivities start.**



# EAP Corner

## A healthy workplace is a happy workplace

*Courtesy of Pine Bluff Arsenal Employee Assistance Program*

A healthy workplace is one where workers and managers collaborate to continually improve the health, safety and well-being of all workers. By doing this, the business sustains productivity. We spend one third of our lives at work.

The working environment can have a significant impact on our health and well-being. A healthy working environment is one where there is not only an absence of harmful conditions that can cause injury and illness, but an abundance of health promoting ones (*WHO, 2010*).

Workplace health and well-being programs take into consideration the impacts the work environment and the type of work can have on the health of workers, and provide activities or initiatives designed to make healthy choices the easy choice for workers.

**Why you should be happy at work**

Researchers from the University of Warwick in the United Kingdom found people who are happy at work are around one percent more productive. Shawn Anchor, author of *The Happiness Advantage*, estimates the benefits of a happy workplace to be a 37 percent increase in sales, 31 percent increase in productivity and 19 percent increase in task accuracy. He believes happiness at work leads to significant improvement in the health and quality of life of the employees. Similarly, a study by English National Academy of Sciences conducted in 2011, found happy people live longer.

One of the most important lessons many leading companies have learned is encouraging and fostering a work environment that is fun and inspires employees to take joy in their work can reap enormous benefits. Happy employees are loyal employees, and loyal employees can do amazing things. This is one of the keys to success for such industry leaders.

**Creating a happy workplace**

1) Consistently deliver praise and recognition

Did you know feeling unappreciated is the number one reason why Americans quit their jobs? It's true. What can you do to ensure your team is being consistently recognized for their hard work? Create a system that makes it easy.

Hold a "Crush It Call" every Friday. Your entire team gathers around in a circle and go around the room calling out someone whose work you want to be recognize (i.e. "someone who "crushed it" that week). You can also create a monthly or quarterly award for the team members who most embodies your core values. Boost morale and spot hidden rock stars in your organization. In my opinion, you can never, ever underestimate the power of a handwritten note (especially when sent to your employee's home).

2) Make work fulfilling

No one wants to feel like their work doesn't matter. In order to make work fulfilling, you first have to know the purpose behind your organization. Why do you exist? What purpose does your company serve and who do you help? Once you can answer these questions, then you can map how each individual's contributions help drive the company closer to fulfilling that purpose. You can literally write down and illustrate how each team member's role is critical for the company to fulfill its purpose.

3) Offer meaningful perks

If you automatically assume paying people more is the key to workplace happiness, guess again. A recent study found 16 unique perks employee's value over a pay raise. This is especially true of millennial workers who see compensation more as a threshold than a scorecard. So what does move the needle mean? Benefits improve quality of life and demonstrate your company cares about employees, things like health and wellness programs, childcare, and unlimited vacation.

4) Invest in your team's personal and professional growth

Be a huge believer in personal development as a basic human

NAME \_\_\_\_\_ SYMBOL \_\_\_\_\_

A HEALTHY WORKPLACE IS A HAPPY WORKPLACE

K N R N H M K M L E L E D K L M C P W F  
K V X F X Z V E I P J R H H N O Y I H M  
A V B W O R K P L A C E N T X U Y N E L  
J C F A T B A C J K K C U S F R O A A H  
U I M Y X T E O H P X H O T R N U Z L T  
A T X X P H V N I B P R O M O T E I T G  
B W P G G J F T E G N V V D D L H F H T  
E O M D G X X J G F Q C Y S B N X E Y U  
H R R E C O G N I T I O N Q U N Z S T E  
W K H T B C Y V A O E T T N Q E M O U O  
P E F A A E T U E U Y C S X K G V P G P  
L R S I Y N A U G Q Y L T Q R A G R J H  
V S L C I D A M N D S T O L W R Y U R P  
O S X E S Y C T I E A R F D O U Q P Z E  
O Y F R T P E T E H I J E X W O S L O U  
P Y P P Q Y C M B L A H I D F C V L O N  
S C K P I L F Y L T O P R Z A N U J A M  
F F L A C Z Q R L S U M P H H E F L A K  
I R Y N M U Q W E T M N N Y P S L S T F  
Q E E U G I E Y W B M D U A F O X H B B

HEALTHY  
PROMOTE  
UNAPPRECIATED  
BENEFITS  
LOYAL

HAPPY  
WELLBEING  
LEADERS  
PURPOSE

WORKPLACE  
WORKERS  
ENCOURAGE  
RECOGNITION

need, and that your employees need to constantly grow in order to feel fulfilled. When employees feel stagnant, that's when many start scrolling through the job boards in search of something new.

Here are some ideas that many top companies are doing (and most of them do not cost that much):

- \* Subsidize education for team members who want to take classes, purchase online courses, or attend industry conferences to improve their skills.
- \* Host "lunch and learns" where a team member presents on a topic he or she is passionate about.
- \* Start a book club or crowdsource a library.
- \* Launch a company-wide Individual Development Plan (IDP) where employees come up with four personal and four professional goals they want to achieve by the end of the year. From there, the manager and employee break down each goal into component parts, setting quarterly and monthly benchmarks. Dates are set so the employee has a realistic pathway to achieving their goals.
- 5) Throw fun events that allow people to interact and bond
- It's a fact: having friends at work just makes going into the office more fun. It helps create a sense you and your colleagues are all "in this thing together." Having ongoing fun events at a set cadence, gives your team the chance to connect with their co-workers on a more personal level.
- Off sites is a good ways to get people mingling, but you can also do things like a Happy Hour once a month or half-day Fridays in the summer to hang out together before and/or after work. The magic of a summer day with the team cannot be overstated!
- 6) Incentivize wellness (and make it fun)
- While a health lecture may sound like a decent idea to help people improve wellness, it's not something that will get your team excited. For wellness to work, you have to get buy-in and make it something that's enjoyable for your team.
- Yoga, healthy potluck lunches, steps/fitness challenges with Jawbone tracking devices, or awesome healthy snacks have all been a hit at most companies.
- 7) Build trust
- Your team wants to be trusted. They want to be given responsibility because it shows that you're confident in their abilities. Trust means micromanaging less, but also creating accountability to ensure things are getting done (*SA Health, 2022*).
- You spend a chunk of your waking hours on the job, shouldn't that time be fulfilling?
- PBA's Employee Assistant Office staff are here to help. We offer you a safe and confidential place to discuss concerns, challenges, and strategies for managing difficulties in your life. Our office is located in Bldg. 13-040, and our phone number is (870) 540-3094. The Care line number is (870) 556-0116.



# Summer interns get PBA work experience

By Rachel Selby

Six engineering interns from multiple Arkansas universities are about five weeks into a summer internship program here at Pine Bluff Arsenal. The program runs from the end of May to the first few weeks of August.

Spearheaded by John Burkhead, director of the Directorate of Chemical and Biological Defense Operations, said resumes were collected during the early spring from various university career fairs and job postings. "The overall goal was to get at least one intern from each school we visited," he said. "None are working for me directly but are assigned to points of contact in directorates across PBA."

Calloway Clark, who grew up in Little Rock, Ark., is a 2018 graduate of the Episcopal Collegiate School. He is a senior at the University of Arkansas at Fayetteville, Ark., majoring in Mechanical Engi-



**Calloway Clark**

neering. Clark said he expects to graduate in December 2022. He is assigned to the Directorate of Business Operations and Planning.

"I've sat in on a few meetings, and have followed Justin (Lieber) around to see what he does. I'm working to get travel card access so I can travel with him," said Clark. "It has taken a little longer to get computer access sorted out but once that is completed I'm going to help streamline about 30-plus Power Point presentations. I've also been in contact with a company in Little Rock working to get updated name tags for senior staff members."

Clark said he has also spent time working with the Directorate of Chemical and Biological Defense Operations helping out with the Dismounted Reconnaissance Sets, Kits and Outfits. "I've been helping cut out foam inserts for some of the cases, and for the DRSKO Sustainment Teams to take with them when they are doing maintenance in the field," he

said. "I also went to the ammunition production areas when a group was on post doing some consulting on a project for the Arsenal."

He said he has even spent some time working in the textile production area. "We were working on the sewing of the Ghillie suits with the new embroidery machine," said Clark.

As far as job options, he said he has been looking at several different areas.

"I like the automotive and marine industry, as well as the defense industry. I've looked at Lockheed Martin in Camden and Dassault Falcon Jet in Little Rock. I don't have a complete career clear path yet," he said. "I have two classes to finish up this fall so I will have time to figure it out. I am also going to try to get a co-op going with a company that engineers HVAC systems in Northwest Arkansas during the semester. With mechanical engineering, you aren't really locked into one thing but have many different options."

Charla Colen, a Pine Bluff native, is a recent graduate of the University of Arkansas at Pine Bluff with a degree in Industrial Technology Management and Applied Engineering. She is a 2018 graduate of Pine Bluff High School. She is assigned to the Directorate of Chemical and Biological Defense Operations.

"My major has four specific emphasis, which is construction, design, manufacturing and electronics. I didn't really pick a specific emphasis when I was in school so I can pretty much go in any direc-



**Charla Colen**

tion," she said.

Since coming to PBA in early June, Colen has been focused on project management execution within CB. "I've been learning and working with all the processes in the directorate so far," she said. "I just got my CAC card so getting up to speed on the computer with some things has

been slow."

According to information from Arey Surrat, chief of the Chemical and Biological Production Division, Colen will be focused on the management side as it relates to production operations. "Specific emphasis will include scope of work interpretation, material resource planning, production order creation and release, shop floor daily inputs, shop floor production order closeout, material consumption and proper project closeout," Surrat said.

Colen has done several internships during college including ones at The Strong Company in Pine Bluff and Entergy in Little Rock. She said she chose to work at PBA this summer as an intern because it was close to home. "I'm going to graduate school in the fall at UAPB. I'm going to study computer science and technology. I'm trying a little bit of everything," she said. "Being at home is nice and helps me save money too."

Trevor Dady, a White Hall native, is currently attending the University of Arkansas at Little Rock, pursuing a degree in Mechanical Engineering with a minor in Mathematics. He is expected to graduate in December 2024. Dady is a 2021 graduate of White Hall High School, where he was the valedictorian. He is assigned to



**Trevor Dady**

the Directorate of Engineering and Technology this summer.

"College is better than high school but it is still school. There is a lot more freedom," he said. "I was a sophomore my first semester at UALR, and am now a junior. Taking AP classes helped a lot."

He said he found out about the internship with PBA through weekly emails from UALR. "I was looking for an internship because I felt like I needed some experience, and it was close by. You really can't get a job these days without prior experience," said Dady. "I knew about the

Arsenal mostly because of the chemical weapons missions. I didn't expect to get the internship because I haven't been in college that long."

Since he has been here, Dady has been working on a few projects with E&T. "Today I was using a 3-D scanner that hasn't been used yet to scan an adaptor for a gas mask," he said. "I've also been working on filter frames that will help automate the production process. I've been working more on the CB side of the house."

Dady said he has learned quite a bit since he has been here at the Arsenal. "I wasn't experienced with Auto-CAD but now I know how to use two different software programs," he said.

He said after he completes his bachelors, he wants to pursue a graduate degree in aerospace engineering. "I would like to work for NASA or SpaceX in the future," said Dady. "I thought working for PBA will put me on the radar to work for one of those places."

Kaden Jones, a Little Rock native, is currently attending the University of Arkansas at Fayetteville, pursuing a degree in Industrial Engineering. He is a 2020 graduate of Catholic High in Little Rock. He is assigned to the Directorate of Chemical and Biological Defense Operations.

According to Stephen Lee, chief of the Mobile and Power System Division, Jones will get some exposure to the business process side of production within CBM, which includes projects such as the Analytical Laboratory System, DRSKO and the M&E1 Chemical Biological Protective Shelters.

"Industrial engineering is the logistics and business side of engineering," said Jones. "You deal more with processes and optimizing those processes."

Jones said when he started in late May, he took a tour of PBA along with the other interns. "I started out with DRSKO and did a couple training courses within the Logistics Modernization Program (LMP). This week I've been working on the Ghillie suit program with textiles," he said. "Being in the early stages of production with the suits, I was helping with deciding the production layout of the process so it can be more efficient."

He said he isn't completely



**Kaden Jones**

sure what he wants to pursue career wise post college. "It is all about experience, but so far I have enjoyed my time here. Coming to PBA has been a highlight so far of my college experience," said Jones. "One of the interesting things so far about college was living in the fraternity house during my last semester. Balancing a social life with school is tough."

Having classes that are small has been good, said Jones. "Being able to go to class in person this year is great. It didn't feel like it was a huge transition the first year because we were all online due to COVID," he said. "I've liked my college experience so far."

John Pappas, an Austin, Texas native, is currently pursuing a degree in Mechanical Engineering at the University of Arkansas at Fayetteville. He is expected to graduate in December 2022. He is a 2018 graduate of the Regents School of Austin, Texas, and is currently assigned to the Directorate of Engineering and Technology.



**John Pappas**

"Since I came here the end of May, I've been working on a project with the M18 smoke grenade production line. We have been doing a quality check for the automation on the line, creating processes and checking parts" said Pappas. "I have also been working with Trevor Dady trying to

**See INTERNS page 6**



## INTERNS from Page 6

get a 3-D scanner operational. We are working to scan parts, modify them with computer-aided design and 3-D print them. This is the type of work I've been doing in college."

Pappas, who is living on post, said his career pursuits beyond college are focused on aerospace engineering. "It will probably be something within the defense industry still," he said. "Working here is a great learning experience."

One of the skills he picked up during college was taking a class in Elementary Russian. "I decided to pick up a language because I liked it in high school. For Russian, I thought what matters most in aerospace now is English, Chinese and Russian," he said. "The electives I chose at the UA for aerospace were good."

Pappas said he came from a small high school – only about 18 people per class. "When I came to the UA in 2018, I was getting used to the big class sizes and learning the college pace. Then in 2020, COVID happened. You had to really learn to teach yourself," he said. "The professors and students were all learning the online process together. I took most of my general education courses at that time. Knocked out the easy stuff and got to work once we were back in person."

Josh Phifer, a North Little Rock native, is currently pursuing a Bachelor's of Science degree in Mechanical Engineering, an Associate of Science in Manufacturing and a minor in Mathematics, at Arkansas Tech University in Russellville, Ark. He is a graduate of LISA Academy North in Sherwood, Ark. He will from ATU in May 2023, and is currently assigned to the Directorate of Public Works, focusing on projects in Ammunition Operations. Phifer is working with Daniel Uptagrafft.

Uptagrafft said the projects he is having Phifer work on, which includes HVAC controls at the M819 fill line and an ink shaker for the M8 smoke pots, can be completed with off-the-shelf parts during his time here.

"I knew I wanted to pursue Mechanical Engineering, and there is only a handful of schools in state that offer it. I couldn't afford to go out of state so that is why I chose



Josh Phifer

ATU," he said. "I went to the UA for a bit but I didn't really like it. Coming from a small high school, the UA was big. My dad went to ATU, so he recommended it. It was also very affordable."

Phifer said he met some PBA representatives during a career fair at ATU. "I talked with a few people that day but the Arsenal caught my eye," he said. "I had heard about the chemical weapons mission at the Arsenal. I think it would be interesting to work here, and I was curious about the work you did and were doing now."

Currently working for DPW's Engineering, Plans and Services Division, Phifer said the projects he is working on are within the time frame to complete while he is here this summer. "It took a while to get computer access. I spent time talking to people in EP&S and finding out their role here at PBA," he said. "I have asked the engineers working in EP&S what they took from college to a real-world situation, and learned a lot of what they do is paperwork and estimates behind the scenes. However, they do apply a lot of the basics of what they learned in college."


Phifer, who is living on post, said he would like to come back after college and pursue a career here at PBA.

"I am definitely interested in working with E&T and Ammunition Operations," he said. "I went on a tour when I first got here, and it was interesting seeing everything. I've enjoyed my time out here so far. This is my first real work experience using my degree. What I have learned from other jobs has helped me. You get a lot of experience just dealing with people whether they are customers or fellow co-workers. That is what I have taken from my previous summer jobs."

## MWR personnel recognized




Retiring Family Morale, Welfare and Recreation Director Melissa Brodnax recognized several members of her staff with Civilian Service Commendation Medals before she departed in May. The certificates were presented by Pine Bluff Arsenal Commander Col. Patrick S. Daulton. Pictured from left, top row, are Amber Webber, Ann Wright, Cassie Scholes, and Billy Ray Ashcraft; from left, bottom row, are April Parker, Shawntel Hibbler, Tanya Tiernan, Tiffany Penister, Brodnax, Laura Brown and Cassandra Thornton. U.S. ARMY PHOTO BY HUGH MORGAN



# Army Safety Gram

Army Safe is Army Strong



**27 June 2022**

## Check These Shocking Facts


We rely on electrical power to keep our workplaces and our homes operating day and night. Electricity provides heat, light and energy to do many kinds of work. As useful as electricity is, we must never forget it is also dangerous. Check these shocking facts and gain respect for electricity.

**Here are some of the effects of electric shock**

- Burns are the most common injury from electric shock. They may appear at the point where the current entered, such as the hand, and the point of exit to the ground, such as the heel. Severe burns can cause permanent disability and disfigurement.
- Cardiac arrest is another effect of electrocution, as the current disrupts the heart's electrical system.
- Electrical injuries to children usually are caused by household current of 110 to 220 volts. Household appliance cords, extension cords and wall outlets cause most of the injuries.
- For adults, death from electric shock is most likely to occur at work—but it isn't just the high-tension power lines that kill.

**Here are some reminders about electrical safety at work and at home:**

- Keep electricity and moisture away from each other. Never touch electrical equipment with wet hands or when standing on a damp surface. Do not work around electricity when your tools or clothing are wet.
- Check for these signs of electrical malfunction: flickering lights, radio or television interference when another electrical device is in operation, buzzing sounds in electrical panels, switches or outlets hot to the touch, damaged or worn insulation, loose switches and electrical equipment which works intermittently.
- Never attempt electrical repairs unless you are qualified and authorized to do so. Do not use electrical equipment altered with makeshift repairs. Do not alter plugs by removing the third prong so it can fit into a two-prong outlet.
- Only use extension cords temporarily. Have wiring upgraded to accommodate new equipment.
- Use a Ground Fault Circuit Interrupter (GFCI) whenever you use electrical tools and appliances around moisture or outdoors. These devices can detect leakage of electricity from a circuit before you are harmed by electrical shock.
- Wear the correct Personal Protective Equipment (PPE) when working around electrical hazards. This may include leather gloves covered by rubber gloves, non-conductive footwear and safety eyewear. Do not wear metal jewelry which can accidentally contact the electrical circuit, causing shock.
- Heed all warning signs about electrical hazards. Stay away from high voltage installations and other posted areas. Beware of overhead electrical hazards. Watch for power lines and ceiling fixtures when moving items such as ladders or pipes, or operating equipment such as cranes or lifting devices.
- Use your electrical safety sense off the job too. Inspect your home for possible electrical hazards, including overloaded circuits and defective electrical equipment. Have a qualified electrician repair or improve wiring as necessary. Have GFCIs installed in bathrooms, basements, kitchens and areas outdoors where you use electrical equipment.



- If fire occurs in energized electrical equipment, use only a "C" fire extinguisher, or a combination "ABC" or "BC" extinguisher. Never put water on an electrical fire; the result can be a deadly shock.

Caution must be used around all electrical circuits and equipment. Never underestimate the potential for electrical shock.



# PBA Accountability team successfully executes audit

By Rachel Selby

A Pine Bluff Arsenal's Directorate of Public Works, Accountability Office team, led by Chief Karen Whitlow, was recognized recently for their outstanding performance in planning, preparing and successfully executing an internal Army Materiel Command Real Property Army Working Capital Fund Existence and Completeness Audit. In addition to Whitlow, Arsenal Commander Col. Patrick S. Daulton recognized Melanie R. Singleton, Eddie L. Bradford, Jr., Cassandra E. Cosen, and Victor M. Lowe for their work during the audit.

"Basically, a real property audit is capturing everything we have on the Arsenal that is considered real property. This includes building and linear structures. The team is out in the field getting a physical count by doing a visual inspection, and making sure everything is correct in the General Fund Enterprise Business System (GFEBS), which is the system we work within," said Singleton. "Everything in the field has to correspond with what is in GFEBS."

The team typically uses an inventory worksheet and populates it with what is already recorded in GFEBS, said Singleton.

"We then back it up with what is in the field. If the information in the field is incorrect, we have to fill out paperwork to make the corrections," she

said. "Every building and structure means everything, whether it is occupied or unoccupied."

Whitlow explained every real property asset has what the Department of the Army calls 54 data elements. "These elements are what is populated within GFEBS for audit readiness," she said.

The elements also capture improvements to buildings/structures, said Singleton. "If a building is fixed in some way, this may increase the lifespan of the structure," she said.

More than three years ago, DA came up with a requirement where they were looking at the Army's financial balance, said Whitlow. "Essentially, they were trying to get all the Army garrisons to help balance the books. They came up with a three year requirement using the 54 elements, looking at every asset on post, making sure the elements are correct and captured within GFEBS," she said. "This also includes having the supporting documentation for each of the data elements. Once this is complete, you are considered audit ready."

Periodically, audit inspections are pulled along with samples in order to make sure the requirements are being met, said Whitlow.

"Last year, the audit was done virtually via MS Teams. Certain information was required and we had to upload the documents. This year due



Members of Pine Bluff Arsenal's Directorate of Public Works Accountability Team received Certificates of Appreciation for their outstanding performance in the planning, preparation and successful execution of an internal Army Materiel Command Real Property Army Working Capital Fund Existence and Completeness Audit recently. Pictured from left are Victor Lowe, Melanie Singleton, Divison Chief Karen Whitlow, Cassandra Cosen and Eddie Bradford, Jr. U.S ARMY PHOTO BY HUGH MORGAN

to limited resources with auditors, the Arsenal's Internal Review Audit and Compliance office was tasked with doing the real property audit with my team," said Whitlow. "AMC sent the requirements and samples needed to the IRAC office. Their office worked with us, conducted the audit and got all the supporting documentation. IRAC did the write up and submitted it back to AMC."

Numerous hours of research and data base scrubs for more than 1,400 real property assets, totaling approximately \$1.6 million, resulted in a green compliance rating with no failing deficiencies for this team.

"I'm extremely proud of Ms. Whitlow and the Accountability Team," said Steve Redman, director of Public Works. "This noteworthy accomplishment reflects a years-long effort to gather and reconcile documents for 54 requirement elements against the real property assets."

Preparing for this audit was a lot of work, said Whitlow. "Anyone who works in the real property and GFBS community can tell you the requirements are constantly changing," she said. "Some even changed in the middle of this most recent audit."

The amount of work can be overwhelming due to the requirements, said Singleton.

"You might think it is a quick fix sometimes but it isn't that simple," she said. "You have to get the right forms, right signatures and correct information. It has to make sense. There is a lot of detailed work."

Whitlow said the team doing this last audit was completely new.

"They are a great team and I wouldn't trade them for anything. The intent with this office is to have an Accountability Division," she said. "We actually do real property and general equipment, which is the Property Book side. This team has to be able to do both. I am very appreciative of their maturity to make the transition back and forth."



## Radford Water Award

The Radford Army Ammunition Plant Water Department/BAE Systems' Water Department was presented a Gold Award for excellence in three areas by the Virginia Department of Health-Office of Drinking Water.

The three areas were clarification, filtration and backwash. The award was presented during the Annual Virginia Optimization Program Award Ceremony May 5 for work performed in 2021. RFAAP's Water Department has received Gold Awards from the State of Virginia in 2016, 2017 and 2020.

Pictured for the award recognition, front, from left are RFAAP Commander Lt. Col. Russell A. Jones and Bill Douglas, Water Department Manager; next row, Matt Alberts, Sheree Andrews, and Larry Gerald; next row, Laura Dickerson, Kirk Johnson, Ashley Bland and Brian Swecker; back row, Rob Davie and Daniel Facemire.

All of the above mentioned individuals have played an important part in the continued excellence of the RFAAP Water Department.

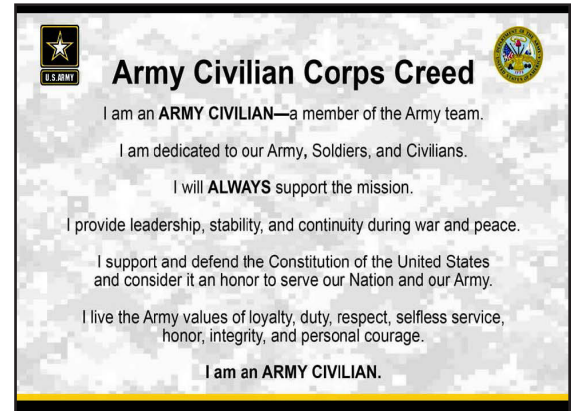
U.S. ARMY PHOTO BY RFAAP





## Certificate of Appreciation

A Certificate of Appreciation was presented to Angie L. Campbell, left, by Pine Bluff Arsenal Commander Col. Patrick S. Daulton, for her outstanding service from April to June 2022. During this time period, Campbell provided invaluable assistance to multiple Arsenal employees to rectify their retirement code that had been marked incorrectly through no fault of the individuals impacted. "She worked diligently with the employees to help them generate and submit debt relief waivers to the Defense Finance and Accounting Service," read the certificate. "Ms. Campbell provided key advice and guidance to these employees on a path forward." Campbell's overall quality of work has been consistently outstanding. U.S. ARMY PHOTO BY HUGH MORGAN



## Drug Take Back



Molly Moore, a Pine Bluff Arsenal employee, turns in old medications to Brandi Parks, during a Prescription Drug Take Back event held recently by PBA's Employee Assistance Program. U.S. ARMY PHOTO BY HUGH MORGAN



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