



THE DENTAL CORPS BULLETIN

Special Points of Interest:

Dental Corps

- ♦ [Army Dental Corps Page](#)
- ♦ [HRC \(DC OPMD\)](#)
- ♦ [Dental Corps Leader Development Guide](#)
- ♦ [DC Dashboard](#)
- ♦ [Projected Vacancies FY 19-21](#)
- ♦ [Projected Vacancies FY 20-21](#)

Military CE

- ♦ [Army CE](#)
- ♦ [Army BlackBoard CE Instructions](#)
- ♦ [Air Force CE](#)
- ♦ [Navy CE](#)

MILPER Messages

- ♦ [Index](#)

Board Schedule/Results

- ♦ [FY19 Army Selection Board Schedule](#)
- ♦ [ILE](#)
- ♦ [SSC](#)
- ♦ [LTHET FY19 Results](#)

Patient Safety

- ♦ [WSS Guidebook](#)
- ♦ [URFO Guidebook](#)
- ♦ [MHS leadership Engagement toolkit](#)

Miscellaneous

- ♦ [Army Medicine Dispatch](#)
- ♦ [2018 Army Medicine Campaign Plan](#)
- ♦ [AMEDD Placemat](#)
- ♦ [AMEDD Mercury](#)
- ♦ [Bugle Call Mar 2019](#)
- ♦ [Understand the ORB](#)
- ♦ [My Board File](#)
- ♦ [AC HPO Pay Plan](#)
- ♦ [Broadening Opportunities program \(B.O.P\)](#)
- ♦ [Post 9/11 GI Bill Benefits/Transferability & Yellow Ribbon Program](#)
- ♦ [Strategic Messages](#)



Army Dental Corps Celebrates 108 Years

The 3rd of March 2019 marked the 108th birthday of the U.S. Army Dental Corps with celebrations being held all over the world. BG Bagby was the guest speaker of four events this year at Fort Sam Houston, Ft. Campbell, DHC-A, and Joint Base Lewis-McChord. The Birthday Ball continues to be a great event celebrating our history, accomplishments over the past year, and looking ahead to a promising future. From all of us here at the Corps Chief's office, Happy Birthday to the Dental Corps and thank you to everyone who planned, organized and carried out the celebrations.



Updates From the Office of the Chief, U.S. Army Dental Corps

This month the Dental Corps Chief's Office published an introductory video from BG Bagby to the DC Facebook page. The video focuses on your current accomplishments and contributions while also looking at the way ahead. If you do not have a Facebook account please use the link below to see the video.

[BG Bagby Introductory Video](#)

9A PROFICIENCY DESIGNATOR (G-1) - The AMEDD "A" proficiency designator packets are due NLT 15 June. This award is a professional excellence honor bestowed by the Army Surgeon General upon candidates who have attained full professional status and national prominence in their field. Officers and warrant officers in the AMEDD Regular Army (RA), Army National Guard (ARNG) and U.S. Army Reserve (USAR) are eligible for nomination. Self-nominations are not authorized. Nomination packets will be submitted to the AMEDD Corps Chief office from respective AMEDD Consultants for RA officers no later than (NLT) 15 June 2019. Packets for USAR Officers and ARNG officers will be submitted NLT 3 June 2019. Submission requirements can be found in MILPER Message 19-107 <https://www.hrc.army.mil/Milper/19-107>.



THE DENTAL CORPS BULLETIN

American Association of Women Dentists Nomination

Passion
Respect
Integrity
Service
Mentoring
Advancement
Teamwork
Inclusiveness
Collegiality

The American Association of Women Dentists is soliciting nominations for a Federal Dental Services representative on the Board of Directors for the time period of 01 January, 2020 to 31 December, 2021.

The American Association of Women Dentists (AAWD), established in 1921, is the only dues-based national organization representing the interests of women dentists across the country. Our goal is to continue being the leading resource for advancing, connecting and enriching the lives of women dentists. Established in 1921, AAWD now has over 1,200 members, but it is continuing to grow. In 2017, according to the American Dental Association Health Policy Institute, there were over 61,000 working dentists who were women.

The Federal Dental Services section of AAWD includes dentists working in the Uniformed Services and Veterans Administration. Although our numbers are low now – 17 dentists identified in our section – we hope to strengthen our numbers. The AAWD has had a long-standing relationship with the Federal Dental Services since 1993. However, over the years, Federal Services women dentists' groups disbanded and the Federal Dental Services Director position on the Board of Directors laid dormant until 2018. Even with the hiatus of a Federal Dental Services Director present on the Board of Directors, AAWD has maintained this position because representation of all women dentists is an integral part of the core values.

We are seeking a new Federal Dental Services Director for the time period of 01 January, 2020 to 31 December, 2021. In this role, the Director will help promote AAWD throughout the Federal Dental Services and will represent our interests within AAWD. The Director will also help disseminate information regarding AAWD's mentoring and educational opportunities, leadership skills trainings, and scholarship and loan opportunities for student members. AAWD board meetings are held monthly and at the annual session, which this year is slated for September 26-28 in Phoenix, AZ.

The Army Dental Corps will select one nominee to be submitted to the AAWD selection panel which will select the one representative out of all the other Federal Service branches. We ask that you consider nominating a member of your service for this position. The member does not need to be a current AAWD member, but will need to become a member if selected. With the nomination, please provide: (1) Rank and Name of the Nominee; (2) Federal Dental Service; (3) Curriculum Vitae; and (4) a Statement of Interest from the Nominee. Please submit this information NLT 30 April to usarmy.jbsa.medcom-ameddcs.mbx.dental-corps@mail.mil.



THE DENTAL CORPS BULLETIN

Section of Defense Forces Dental Services Conference 2019

Don't miss this unique opportunity! The Federal Dentaire International (FDI) is rarely in the US and the Section of Defense Forces Dental Services (SDFDS) is an organization that you really should check out. While funding in recent years has precluded many from attending this meeting in exotic international locations, this year it is right in our own back yard. The US has a strong partnership with the SDFDS with opportunities for Executive Board leadership positions - come meet our SDFDS partners!



The SDFDS will hold their annual meeting in conjunction with the World Dental Congress (ADA/FDI) in San Francisco, California from 1-4 September 2019. The ADA meeting is 5-8 September. The meeting is conveniently located at the Intercontinental Hotel (.2 miles) from the Moscone Center, where the World Dental Congress will be held. This is an open invitation to all those that will be in the San Francisco area in any service or attending the World Dental Congress meeting to join with Senior Dental Leaders and members of Dental Services from around the world in this educational and uplifting event. We are the host country this year and hope to have a strong U.S presence. Funding is at the individuals' expense and travel for most will be in PTDY or leave status.

As in years past, we will select two junior officers to travel in TDY status and present 30 minute lectures during the scientific program. An announcement will come in the following weeks regarding abstract and presentation submission information to include a panel selection. More to follow.

Hosts for the SDFDS include the Executive Committee of the SDFDS and the Combined Forces Dental Services of the Combined Forces Military. Historically, US Army dental leaders have placed this conference on their international priorities as discussion topics range from Level I, II or II dental treatment, readiness issues of foreign services, operational standardization, forensics and current dental research, and many more. (No secure topics involved)

The schedule for this year follows:

- 01 SEP SDFDS Social (evening; location TBD)
- 02 SEP SDFDS Scientific Session (Intercontinental Hotel)
- 03 SEP SDFDS Cultural Day (location TBD)
- 04 SEP SDFDS Scientific Session (Intercontinental Hotel); US FDS reception (all SDFDS invited) in the evening after scientific session in the Intercontinental Hotel
- 05 SEP ADA/FDI Opening Ceremony

Cost: a \$120 fee covers meeting incidentals and cultural day.

Intercontinental Hotel Military rate is 299.00 per night (remember this is San Francisco). However this is a tremendous rate for this hotel. Attendees are NOT required to stay at the Intercontinental however this is the host hotel for the meeting.

Anyone interested in attending the meeting will need to register for the World Congress (ADA Meeting). Registration is FREE. Early registration is necessary to reserve a room at the Intercontinental Hotel as blocked rooms fill up quickly! Again, attendees are welcome to stay anywhere their budget allows. Early bird registration for the conference ends 30 April.

Use the following link and CODE for registration.

<https://registration.experientevent.com/ShowDEN191/Flow/ATT#/registrant/CustomLogin/>

CODE: SDFDSSFO

Additional instructions can be found [HERE](#).



THE DENTAL CORPS BULLETIN

LTG Nadja West Commissions New Reserve Dentist



Las Vegas dentist Anthony Hua commissioned in to the U.S. Army Reserve on 15 March. A crowd of active-duty service members of the 6th Medical Recruiting Battalion gathered for the ceremony and erupted with a resounding “Hooah!” Given that Hua’s last name is a homonym for the famous Army battle cry, it was an appropriate greeting. The commissioning ceremony took place at the Hampton Inn Tropicana for Hua, 33, who moments later was sworn in as a U.S. Army Reserve captain.

“I really appreciate your willingness to serve,” Lt. Gen. Nadja West told Hua before he took his oath. “We’re not in an environment where there’s a great propensity to serve.” LTG West’s presence to deliver the oath was notable, as the three-star general is in high demand. She is the first black female to attain that rank and is the highest-ranking female graduate of the U.S. Military Academy at West Point. She also brought an inspiring backstory along, having grown up as one of 12 adopted children in an Army family, 10 of whom also grew up to serve in the military. “There’s no way on Earth, in any other country, that I’d be where I am today, from where I started from,” she said. “The ability to administer the oath to someone who says ‘I wanna join’ is humbling to me.”

Hua’s duties in the Reserve will include dentistry, but he will also oversee and lead other dentists, with other tasks that might be asked of him. As part of his commitment, he will spend one weekend a month in Garden Grove, California, practicing dentistry and overseeing other reservists providing dental care. Then once a year he will participate in a two-week training either in Garden Grove or elsewhere in the United States.

Hua, who will continue to see patients at Staples Dental in Las Vegas, said he saw joining the Reserve as an opportunity to represent the nation. “It’s something I always thought about because of the level of respect our servicemen and women have,” he said. “... I enjoy being part of something bigger than I am, and there’s nothing bigger than the U.S. Army.”

After receiving a certificate of appreciation and flowers Friday, Hua was presented with an “Army Officer’s Guide” by Staff Sgt. Zachary Anderson, who told him, “This is your bible.” Anderson said that recruiting civilian nurses, doctors and dentists and other in-demand professions for the Army is important. “They’re the ones who help stabilize and rehabilitate the soldiers in today’s Army ... not only with soldiers but for the family members,” he said. “The first thing that I got out of Dr. Hua was his passion and his ability to perfect his skill. ... It’s huge opportunity to take those same skill sets he has and share them with his peers.”

Receiving his commission from LTG West was an honor, Hua said, especially during Women’s History Month. “She’s definitely a historical figure; she’ll be mentioned in textbooks for years to come,” he said. “I hope like her, I can lead by example, earn respect and instill qualities in others to set them up for success.”



THE DENTAL CORPS BULLETIN

Highlights From National Children's Dental Health Month (NCDHM)

Last month during NCDHM, the importance of oral hygiene was delivered during events across the nation. DENTACs around the world organized screenings, oral health education, and provided dental “goodie” bags. Below are highlights from some of those events.

Fort Irwin CDHM:

The Fort Irwin Dental Activity provided free school dental screenings, oral health education, and gave dental goodie bags to 1,115 military dependent children at Colin Powell Pre-School, Lewis Elementary School, and Tiefert Intermediate School on Fort Irwin. These actions were the direct result in support of Children’s Dental Health Month aimed at promoting a sense of dental health among



General Dentist, CPT Brijesh Makanji, and his assistant, PFC Deangelo Rankin look for cavities at Tiefert Intermediate School.

Fort Irwin military families. Based on treatment statistics nearly 25% of children screened had some form of dental caries (decay) or defect and nearly 10% had extensive dental needs to warrant immediate dental treatment to prevent imminent pain and further infection.



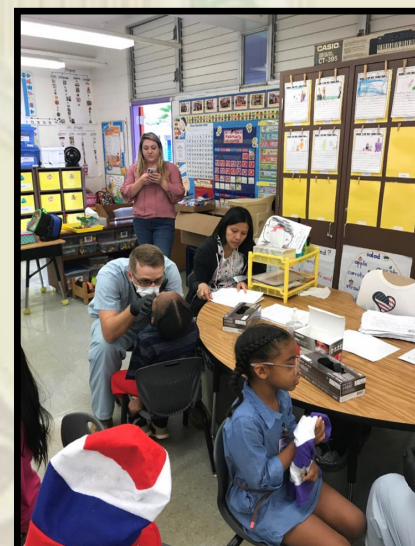
Teaching a group of third graders about good and bad foods for their teeth. SGT Qwamesha and SGT Ishmael Martinez-Cruz smile as they answer questions.

AEGD-2 Hawaii:

This year, our team was able to provide dental presentations to over 750 pre-kindergarten through second grade children at the participating locations. Forty one classrooms partook in a 60-minute oral health program presentation comprised of an educational food game, an opportunity to dress up like a dentist, and a dental video to inform the children about the importance of brushing, flossing, and oral health.

467 pre-kindergarten through second grade children had dental screenings and were placed into categories of no significant dental problems, dental needs (cleaning, examination, cavities, orthodontic evaluations, space maintenance, and other), or significant dental problems. Students placed in the significant dental problems category were contacted for follow-up.

Every participant in the NCDHM received a goody bag with a toothbrush, toothpaste, floss, and dental timer.



CPT Christian Petersen (Hawaii AEGD-2 Resident) conducts oral health screening during NCDHM on children at Solomon Elementary School.



THE DENTAL CORPS BULLETIN

Highlights From NCDHM Cont.

Dental Health Command - Europe

Over 100 contestants from the Wiesbaden community participated in the annual Dental Art Contest. This year's contest had a superhero theme "Sugar bugs go away, Super Tooth is Here to Stay." The artwork on display in the health clinic served as an outstanding means of promoting oral health and the winners were recognized during an award ceremony at the Wiesbaden Health Clinic Conference room on 4 MAR 2019.

Dentists, dental assistants, red cross volunteers, teachers, and school nurses supported dental screenings and oral health education for children at Hainerburg and Aukamm Elementary Schools. A total of 51 dental education classes were provided to for pre-school, elementary, and middle school children. The classes promoted oral hygiene, nutrition, prevention of sports injuries and a number of other important oral health topics.

Nearly 900 elementary school children received dental screenings. Seventy-four percent of the children were found to be cavity free, eighteen percent were found to have minor dental needs, and four percent were found to have significant dental needs. The dental screenings identified children with existing tooth decay and findings indicate a 1 percent decrease from the previous year. School nurses and dental staff communicated with parents and assisted in coordination of care for those students with dental needs.



PFC Samantha Henry, CPT Jacqueline Massouda, PFC Daniel Rodriguez and SPC Nathaniel Santiago at Aukamm Elementary School. Thirteen Soldiers (three dentists, ten assistants) from Wiesbaden Dental Clinic provided oral health education for the Wiesbaden Community. Group oral health education courses were provided for elementary classrooms, preschools, and child and youth services.



CPT Adam Naylor provides a dental screening to a young child at Hainerberg Elementary School. Approximately 900 ele-

For the complete storyboards for the article please follow the links below:

[Fort Irwin NCDHM](#)

[AECD-2 Hawaii NCDHM](#)

[DHC-E NCDHM](#)



THE DENTAL CORPS BULLETIN

AOC Highlight- 63D, Periodontist

You probably remember your dental school periodontics experience—probing, charting, and scaling. Army Periodontists offer something very different. Periodontics is a fun, exciting specialty with new procedures and techniques practiced daily. There are currently 43 AD periodontists throughout the Army providing comprehensive periodontal services including implant site development, implant placement, soft tissue procedures, and surgical treatment of periodontal disease. Periodontists also serve in key broadening assignments as commanders at Dental Health Activity and Dental Health Command levels.

The U.S. Army Advanced Education Program in Periodontics is under the guidance of Director COL Kenneth Erley and Assistant Directors COL Robert Herold, LTC(P) Tom Johnson and MAJ Jennette Obryhim. In 2018, the program published ten articles in peer-reviewed journals, maintained 100% board certification (since 2003), and graduated four outstanding periodontists—MAJ Paul Seibel, CPT Albert Cheng, CPT Josh Berridge, and CPT Justin Hoag. In the research arena, the Army program has a broad portfolio of projects ranging from basic science studies to a large ongoing clinical trial.

A recent publication by Army periodontists entitled “Adjunctive Nd:YAG Laser Irradiation for Ridge Preservation and Immediate Implant Procedures: A Consecutive Case Series” demonstrates a novel use of a laser to create stable clots, contain ridge preservation grafts without barrier membranes, and possibly enhance peri-implant bone quality (see pictures below). More recently we have used an Er:YAG laser to decontaminate implant surfaces in surgical treatment of peri-implantitis.

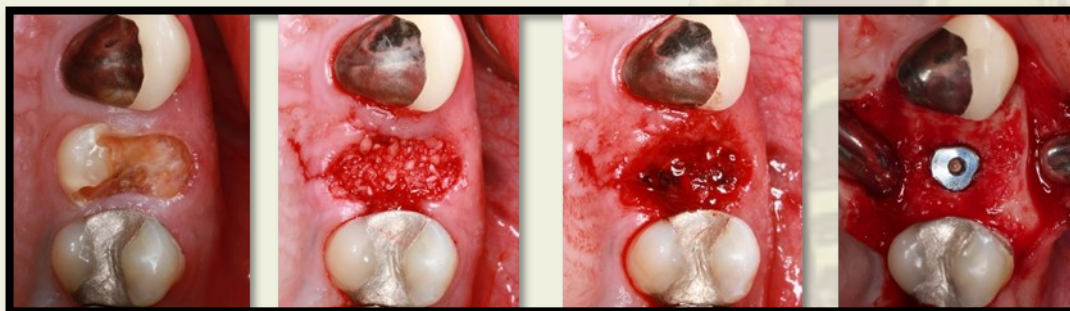
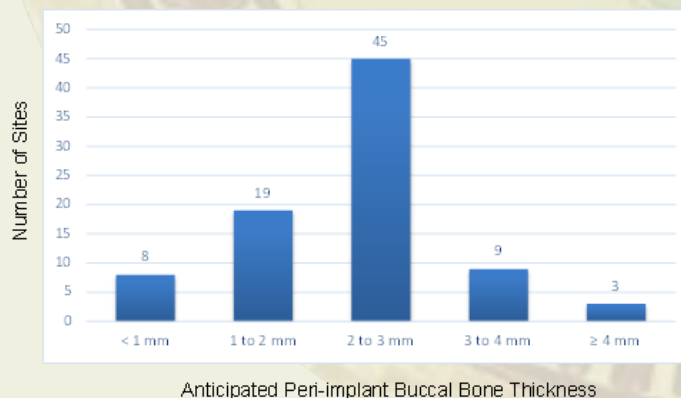


Fig. A Ridge preservation procedure with laser used to contain bone graft.

Two periodontics residents recently published an article in the *Journal of Periodontology* entitled, “Buccal bone thickness adjacent to virtual dental implants following guided bone regeneration.” This study suggested that following GBR implant surgeons can anticipate peri-implant buccal bone thickness of at least 2 mm at the majority of implant sites.



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THE DENTAL CORPS BULLETIN

AOC Highlight Cont.

63D Officer Highlights: LTC(P) Tom Johnson received the “A” designator from The Surgeon General which is the pinnacle of achievement in the Army Dental Corps. MAJ Jennette Obryhim served as OIC to Honduras Mission (see picture on right). She was also selected to serve in the AAP Leadership, Engagement, Action, and Development (LEAD) Program and was instrumental in the first time selection of dental corps officers in the Female Physician Leadership Course. MAJ O’Bryhim is also a candidate to become the AAP District 8 Trustee, an important position normally held by a senior officer.



The American Academy of Periodontology (AAP) published a new Classification of Periodontal and Peri-Implant Diseases and Conditions. Periodontal disease is now defined as one of three distinct forms—periodontitis (formerly aggressive and chronic), necrotizing periodontitis, or periodontitis as a manifestation of systemic conditions. Staging indicates the severity of the disease and the complexity of disease management (least severe Stage I to most severe Stage IV). The three levels of grading—which consider a patient’s overall health status and risk factors such as smoking and metabolic control of diabetes—indicate low risk of progression (Grade A), moderate risk of progression (Grade B), and high risk of progression (Grade C) (see staging and grading diagrams at perio.org).

PERIODONTITIS: STAGING				
Staging intends to classify the severity and extent of a patient's disease based on the measurable amount of destroyed and/or damaged tissue as a result of periodontitis and to assess the specific factors that may attribute to the complexity of long-term case management.				
Initial stage should be determined using clinical attachment loss (CAL). If CAL is not available, radiographic bone loss (RBL) should be used. Tooth loss due to periodontitis may modify stage definition. One or more complexity factors may shift the stage to a higher level. See perio.org/2017awdc for additional information.				
Periodontitis	Stage I	Stage II	Stage III	Stage IV
Interdental CAL (at site of greatest loss)	1 – 2 mm	3 – 4 mm	≥5 mm	≥5 mm
RBL	Coronal third (<15%)	Coronal third (15% – 33%)	Extending to middle third of root and beyond	Extending to middle third of root and beyond
Tooth loss (prior to periodontitis)	No tooth loss		≥4 teeth	≥5 teeth
Local	• Max. probing depth ≥4 mm • Mostly horizontal bone loss	• Max. probing depth ≥5 mm • Mostly horizontal bone loss	In addition to Stage II complexity: • Probing depths ≥6 mm • Vertical bone loss ≥3 mm • Furcation involvement Class II or III • Moderate ridge defects	In addition to Stage II complexity: • Need for complex rehabilitation due to: – Masticatory dysfunction – Secondary occlusal trauma (tooth mobility degree ≥2) – Severe ridge defects – Bone collapse, drifting, flaring – < 20 remaining teeth (10 opposing pairs)
Complexity				
Extent and distribution	Add to stage as descriptor	For each stage, describe extent as: • Localized (<30% of teeth involved); • Generalized or • Mosaic/mosaic patterns		

Interested Officers: General or comprehensive dentists that are interested in pursuing residency training in periodontics are encouraged to visit their local Army periodontist with questions. Fort Gordon is hosting the combined Periodontics/Endodontics/Prosthodontics Short Course 1 through 4 April 2019. All dentists can submit a DA Form 3838 through their command.

For case examples from this article please [CLICK HERE](#).

COL Robert Herold

*Assistant Director, US Army Advanced Education in Periodontics;
Periodontics Consultant to the Surgeon General*



THE DENTAL CORPS BULLETIN

Army Dental Lab (ADL) Update

This month the ADL highlights the benefits of “screwment” implant restorations over the traditional screw or cement retained implants. Please review the article highlighted below explaining the advantages and how you communicate with the ADL what you want.

[ADL Newsletter “Screwment”](#)

Officer Highlight – MAJ Dong S. Lee

MAJ Dong S. Lee currently serves as the Chief Prosthodontist for Dental Health Activity-Korea, where he provides prosthodontic support for 7 dental clinics and serves a population of 25,000 Servicemembers and Korean Augmentation to the United States Forces. In his performance as the Officer in Charge of the 34-chair Carius Specialty Dental Clinic, he managed over 30 personnel.

MAJ Lee also serves as an Assistant Professor of Prosthodontics for the Uniformed Services University of Health Sciences (USUHS), performing the duties as instructor and mentor at the Fort Hood Advanced Education in General Dentistry, Two-Year (AEGD-2) Residency Program. MAJ Lee currently serves as board president for the DENTAC-Korea Credentialing Board and the Chief of the Dental Sleep Medicine Program.

Prior to becoming a dental officer, as young Private Lee, he deployed to Bosnia-Herzegovina with Headquarters Company of the 709th Military Police Battalion. His second deployment in 2010 was as a general dentist with 257th Dental Company (AS) and 44th Medical Brigade in support of Operation Iraqi Freedom and Operation New Dawn.

MAJ Lee received his Bachelor in Applied Science from the College of Southern Nevada and earned his Doctorate in Medical Dentistry from the University of Nevada, School of Dental Medicine.

MAJ Lee is a board-certified prosthodontist who completed his Prosthodontic Residency Program at Tingay Dental Clinic, Fort Gordon, GA.

MAJ Dong Lee will be representing the 618th Dental Company (Area Support)/ DENTAC-K at the inaugural Korean-American Dental Educational Symposium, Dankook University School of Dentistry, Gyeonggi Province, South Korea in April. MAJ Lee will have the opportunity to mentor dental students, post-graduate dental students, and local dental professionals. His presentations during the 38th Parallel Military Medical Symposium and DENTAC-K Leader Development Seminars were well received. He completed his certification in Forensic Oncology and continues to hone his warrior skills in preparation for his wartime missions.

Congratulations to MAJ Lee for his selection for the Command & General Staff College academic year 2019-20, Fort Leavenworth, Kansas.

