

## **Benson, Jochele Contractor, Sustainment and Restoration Services**

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**Subject:** ARP Application MAJ Zimmerman, CPT Allen - Adv. B. J. Hudgens,  
Dr. D. E. Brinkley - Curr 816 – Grad Dec 2020

SAMPLE – Cover email for the ARP Application sent to [ARP@nps.edu](mailto:ARP@nps.edu). Note the Subject line. This email is an actual email; it is not part of your attachment.

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**From:** Zimmerman, Brock (MAJ) <bzimmerman@nps.edu>

**Sent:** Friday, May 15, 2020 10:36 AM

**To:** GSBPP Acquisition Research Program <arp@nps.edu>

**Cc:** Allen, Ellis (CPT) <aellis@nps.edu>; Hudgens, Bryan (CIV) <bhudgens@nps.edu>; Brinkley, Douglas (CIV) <dbrinkley@nps.edu>

**Subject:** ARP Application MAJ Zimmerman, CPT Allen - Adv. B. J. Hudgens, Dr. D. E. Brinkley - Curr 816 (APM) - Grad Dec 2020

Dear Acquisition Research Program Office,

I'm respectfully requesting acceptance into the Acquisition Research Student Program. Attached is the signed application and travel estimates.

**Title:** Analysis of the Potential Impact of Additive Manufacturing on Army Logistics

**Objectives:**

- a. Identify operations of industries that have incorporated additive manufacturing
- b. Outline process before and after implementation
- c. Determine the effectiveness of operations post implementation
- d. Outline standard Army logistics operations
- e. Model potential operations incorporating additive manufacturing
- f. Identify potential advantages/disadvantages

**The Project will:**

- Examine additive manufacturing and describe the potential impact it could have on Army logistics.
- Identify potential benefits, costs and risks that could be realized as a result of incorporating 3D printing technology

**Summary:** This research will identify how 3D printing technology could affect Army logistics operations in theater. In the conclusion of this project, we will identify the pros and cons of the processes and provide recommendations for further research on other potential applications.

**Students:** MAJ Brock Zimmerman, CPT Ellis Allen

**Graduation:** Dec 2020

**Curriculum:** 816 Acquisition and Program Management

**Advisors:** Lead Advisor Bryan J. Hudgens / Co-advisor Dr. Douglas Brinkley

**Support Requested:** Editorial and transcription services, Funding

**Total Travel Budget Requested:** \$6,039 (estimated)

- Travelers: MAJ Brock Zimmerman, CPT Ellis Allen
- Estimated Travel dates/locations: 22-26 June 2020/ Fort Rucker, AL
- Purpose: We plan to conduct interviews and collect required data
- Airfare: \$1,836
- Lodging: \$2,286
- M&IE: \$1,737
- Taxis: \$180

Thank you very much for your consideration and support.

V/r,  
MAJ Brock Zimmerman (USA)  
Email: [abzimmerman@nps.edu](mailto:abzimmerman@nps.edu)

SAMPLE