

# Dusty Turner

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Instructor, United States Military Academy

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## Education

M.S., Integrated Systems Engineering, <i>The Ohio State University</i>	2016
Graduate Minor, Applied Statistics, <i>The Ohio State University</i>	2016
M.S., Engineering Management, <i>Missouri University of Science and Technology</i>	2012
B.S., Operations Research, <i>The United States Military Academy</i>	2007

## Academic Experience

Instructor, Department of Mathematical Sciences <i>United States Military Academy</i>	2016-Present
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## Courses Taught

<b>West Point</b>	
MA103 - Mathematical Modeling and Introduction to Calculus	2016
Course Director MA206x - Advanced Probability and Statistics Pilot Course	2017

## Refereed Publications

Thomas D, **Turner D**, Santoro C, Loreti S, Shah R, Salafia C, Pietrobelli A, Raffaelli R. Can 3D derived placental measures obtained from 2D ultrasounds predict pregnancy outcomes? *Placenta* 2017. Under Review

Jimmy A, **Turner D**, Thomas D, McDougall A, Halawani M, Heymsfield S, Martin C, Scisco J, Salley J, Muth E, Hoover E. Bite count rates in free-living individuals: New insights from a portable sensor. *BMC Nutrition* 2017. Under Review

## Papers for Resubmission

**Turner D**, Kuiper P, Hood K, Lindquist J. Sentiment Analysis in Puerto Rico in the wake of Hurricane Maria. 2017.

## Presentations

**Turner, D** (2016). Data Scraping in R. Presentation at the *Military Operations Research Conference (MORS)*, West Point, NY.

## Statistical Consulting Activity

Assistant Director, Center for Data Analysis and Statistics (CDAS) 2016-2017

### Clients

Director of Admissions: (in progress) Visualizing Minority Cadets by Congressional District  
Army Athletics Department: (in progress) Identifying High Risk Cadets.

## Honor Societies

Pi-Mu-Epsilon 2016

Phi-Kappa-Phi 2016

## Student Research

Co-Advisor, Honors Thesis (Current). Stockdale, John, Predicting Physical Performance Success at West Point, The United States Military Academy

Co-Advisor, Honors Thesis (Current). McDermott, Stephanie, A Statistical Analysis of MA104 Performance, The United States Military Academy

## Student Development Service

Head Officer In Charge, Veritas Forum 2017-Present

Officer Representative, Officer Christian Fellowship (OCF) Club 2016-Present

Cadet Team Advisor, Mathematical Contest in Modeling ICM /  
Interdisciplinary Contest in Modeling 2016-Present

Sponsor for 25 Cadets, Fourth Class Sponsorship Program 2016-Present

Academic Officer In Charge 2016-Present

## Hosted Seminars

Jared Lander, *R For Everything*, Center for Data Analysis Speaker Series. September 2017

Emily Robinson, *A/B Testing in the Wild*, Center for Data Analysis Speaker Series. October 2017

## Community Service

The Junior Military Counsel to the Superintendent 2016-Present

Assistant T Ball Coach 2016-Present

## Selected Military Service

White Sands Missile Range, New Mexico 2012-2014

**Company Commander**, 40th Mobility Augmentation Company

**Plans Officer**, 2nd Engineer Battalion

Schofield Barracks, Hawaii

**Chief of Operations**, 65th Engineer Battalion 2008-2011

**Executive Officer**, 34th Sapper Company

**Platoon Leader**, 70th Geospatial Company

## **Deployments**

Operation Iraqi Freedom, Taji, Iraq

2008-2009

Operation Enduring Freedom, Ghazni, Afghanistan

2013

## **Selected Military Awards**

Bronze Star

Purple Heart

Army Commendation Medal

Army Achievement Medal